

HEART FAILURE 2009

Congress organised by the Heart Failure Association of the ESC together with the Annual Congress of the European Section of the International Society for Heart Research 2009

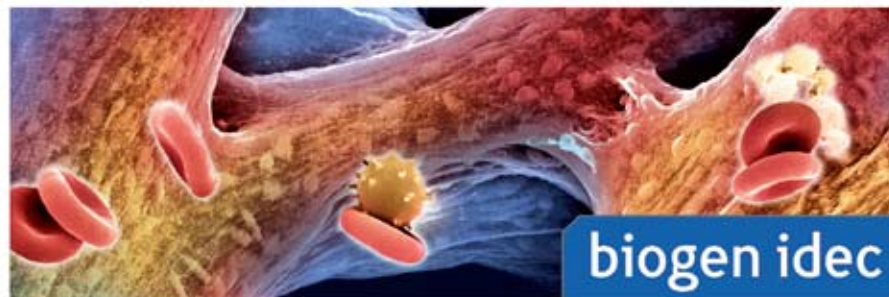


FINAL PROGRAMME

NICE
30 May - 2 June
FRANCE



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CARDIOPULMONARY

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Welcome Address

Dear Friends and Colleagues,

It is with enthusiasm that we welcome you to the Heart Failure Congress 2009, held jointly with the Annual Congress of the European Section of the International Society for Heart Research.

Heart failure is one of the most challenging medical conditions both for basic research and clinical practice. This meeting will provide comprehensive state-of-the-art views on the major aspects of heart failure including the most recent advances in basic cardiovascular sciences, epidemiology, prognosis and medical/surgical management. Improved treatment of most cardiovascular diseases and increased longevity means we are seeing an exponential growth in the number of patients presenting with this syndrome. Its high prevalence and poor prognosis result in a major burden on health care resources.

The mission of the Heart Failure Association of the European Society of Cardiology (HFA of the ESC) is "to improve quality of life and longevity, through better prevention, diagnosis and treatment of heart failure, including the establishment of networks for its management, education and research".

Our annual congress is our flagship and the platform that highlights all of our activities. It gathers together all of the players working in the field of heart failure and provides the opportunity to share knowledge and expertise on an international level.

An important part of our programme in Nice is basic science. We will present exciting sessions focusing on the translational aspect of basic science, but also highly specific basic science research, co-organised by the European Section of the International Society of Heart Research and the Basic Science Section of the HFA.

We warmly welcome you to this unique opportunity to network, exchange knowledge and get updated on the latest developments in our field. Share with us in the excitement of a challenging scientific programme, as well as the beauty and culture of the Côte d'Azur.



Prof. John McMurray
President,
Heart Failure Association
of the ESC



Prof. Piotr Ponikowski
President-Elect,
Heart Failure Association
of the ESC



Prof. Kenneth Dickstein
Scientific Committee
Chairperson and
Immediate Past-President,
Heart Failure Association
of The ESC



Prof. Sian Harding
President,
European Section of the
International Society for Heart
Research



Dr. Fabio Di Lisa
Past-President,
European Section of the
International Society for Heart
Research



Prof. Michel Komajda
Scientific Committee
Co-Chairperson and
President-Elect,
European Society of Cardiology

Your Hosts

Heart Failure 2009 Scientific Committee

K. Dickstein (Stavanger, NO), Chairperson of the Scientific Committee

M. Komajda (Paris, FR), Co-Chairperson of the Scientific Committee

F. Di Lisa (Padua, IT)

J. McMurray (Glasgow, GB)

J.N. Trochu (Nantes, FR)

S. Harding (London, GB)

A. Shah (London, GB)

F. Zannad (Dommartin-Les-Toul, FR)

G. Hasenfuss (Göttingen, DE)

Board of the Heart Failure Association of the ESC

J. McMurray (Glasgow, GB), President

P. Ponikowski (Wrocław, PL), President-Elect

K. Dickstein (Stavanger, NO), Immediate Past-President

G. Filippatos (Athens, GR), Chairperson Clinical Science Section

A. Shah (London, GB), Chairperson Basic Science Section

T. Jaarsma (Groningen, NL), Secretary

S. Anker (Berlin, DE), Treasurer



HEART FAILURE
ASSOCIATION
OF THE ESC



EUROPEAN
SOCIETY OF
CARDIOLOGY®

M. Cowie (London, GB)

A. Maggioni (Florence, IT)

D. Van Veldhuisen (Groningen, NL)

U. Dahlström (Linköping, SE)

Z. Papp (Debrecen, HU)

F. Zannad (Dommartin-Les-Toul, FR)

I. Ekman (Göteborg, SE)

W. Paulus (Amsterdam, NL)

T. Eschenhagen (Hamburg, DE)

B. Pieske (Graz, AT)

ex-officii

G. Hasenfuss (Göttingen, DE)

M. Ryder (Dublin, IE)

K. Swedberg (Gothenburg, SE)

S. Janssens (Leuven, BE)

P. Seferovic (Belgrade, RS)

D. Brutsaert (Antwerp, BE)

Council Members of the European Section of the International Society for Heart Research (ES-ISHR)

S. Harding (London, GB), President

T. Eschenhagen (Hamburg, DE), President-Elect

F. Di Lisa (Padua, IT), Past-President

M. Arad (Tel Hashomer, IL)

T. Larsen (Tromsø, NO)

G. Valen (Oslo, NO)

S. Chlopicki (Krakow, PO)

B. McDermott (Belfast, UK)

C. van Echteld (Oberwill, CH)

P. Ferdinandy (Szeged, HU)

J.L. Samuel (Paris, FR)

R. Ventura-Clapier (Paris, FR)

D. Garcia-Dorado (Barcelona, SP)



Heart Failure 2009 Secretariat

ESC - European Heart House

2035 Route des Colles - Les Templiers

06903 Sophia Antipolis - France

For general information, please contact:

Tel: + 33 4 92 94 76 00 - Fax: + 33 4 92 94 86 29

Email: HFsecretariat@escardio.org

HFA Mission

"To improve quality of life and longevity, through better prevention, diagnosis and treatment of heart failure, including the establishment of networks for its management, education and research"

LEARN



Scientific Programme

Saturday	P 13
Sunday	P 17
Sunday Posters	P 39
Monday	P 81
Monday Posters	P 99
Tuesday	P 139
Tuesday Posters	P 149

Session formats

P 4

Continued Medical Education

P 5

Abstract CD-Rom & Webcast

P 5

CONNECT



Meet your colleagues

P 6

Meet the Industry

P 6

Meet the HFA of the ESC

P 7

Meet the ISHR

P 7

Exhibition Floor Plan / Exhibitors

P 169

ENJOY



Congress Opening Hours

P 8

Congress Floor Plans

P 9

Nice Transport

P 8

Index

▪ Sessions	P 180
▪ Chairpersons	P 183
▪ Abstract Authors	P 185
▪ Speakers	P 215

LEARN



*Taking into consideration suggestions from congress attendees and faculties along with the expectations of the HFA of the ESC, the Programme Committee has developed a **comprehensive and extended programme**. Including an additional Educational - Training track, this programme is the most comprehensive ever, with 92 sessions, 2 and a half days of Poster sessions, run by more than 200 international experts in their field.*

Discover this year's new session formats.

Main sessions will focus on the essential topics identified by the HFA Executive and Scientific Committees and feedback from last year's delegates.

Educational: A whole track in its own Lecture Room (Athéna), dedicated throughout the congress to practical clinical management with case based and how-to sessions lead by experts.

Translational: Bridge the gap between Clinical and Basic Science. These sessions focus on emerging clinically relevant research that potentially has an impact on daily practice, in room Calypso.

Nursing Sessions: The HFA of the ESC acknowledges the contribution of nurses to patient care. Accordingly, a special programme is presented focusing on nursing in heart failure.



Abstract Sessions: Abstract presenters will share their findings with the attendees. 1292 abstracts will be presented in various formats: Oral Presentations, Moderated Posters and Poster sessions.

Basic Science Sessions are state-of-the-art presentations by the top scientists in the field, containing the latest data and its significance in the context of cardiovascular disease. They are aimed at researchers in that field, PhD students and early career scientists, as well as the clinician wanting to hear the very best science that will lead to tomorrow's translational initiatives.

Joint Sessions: 8 lectures with colleagues from related disciplines and international Heart Failure Societies highlighting different perspectives of clinical management.



French Language Sessions: The French speaking sessions, dedicated to nurses and GPs, are designed to improve the knowledge on the diagnosis, treatment and comprehensive care of heart failure. Through clinical case presentations, attendees will learn the essential take home messages from the ESC Guidelines.

Industry Sponsored Sessions: Our industry partners play an active part in the transmission of essential knowledge on the latest developments, therapies and techniques for optimum management and treatment of heart failure. They will present their findings and results in the form of Satellite Symposia and Meet the Expert sessions; these scientific sessions offer delegates the opportunity to access some of the most recent scientific developments in an interesting and interactive format.

LEARN



Continued Medical Education: pick up your certificate

The Heart Failure 2009 Congress is accredited by the European Board for Accreditation in Cardiology (EBAC) for 18 hours of external CME credits.



Each participant should claim only those hours of credit spent on an educational activity. EBAC works in co-operation with the European Accreditation Council for Continuing Medical Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS).

If you are a delegate attending from North America, please visit the American Medical Association Web Site: **www.ama-assn.org**, to know how to validate your European CME credits.

EBAC certificates will be available at the Registration desk from Monday 1 June in the afternoon.

The Congress lives on..

Abstract CD-Rom

The Heart Failure 2009 Abstract CD-Rom supplements will be made available from the Medtronic stand (3-1) in the Exhibition Area. You will find a voucher in your delegate bag to collect your copy.



Webcast



Catch highlight presentations hot off the press. The HFA Scientific Committee has specially chosen a number of presentations to be available online for immediate consultation after the end of the session. Web link: **www.escardio.org/HFA** (Scientific Reports)

Scientific Programme Online

The latest updated version of the Scientific Programme is also available for consultation after the Congress, please visit our Web Site.



CONNECT

Meet and exchange with your peers, colleagues and friends from over 50 countries.

The official language of the Congress is English, with the exception of the specifically designated French sessions.

Meet your colleagues

Opening Cocktail

Saturday 30 May, 19:15, Reception in the Exhibition Area.

Clinical Trials Forum

The Clinical Trials Forum is a chance for organisers and sponsors of ongoing clinical trials in heart failure to advertise their trials; to find new sites, to enhance patient recruitment and follow-up. Have a look at it in the HFA Atrium on Level 3! The Clinical Trials will be moderated on Monday 1 June; 10:00 - 11:00.

Posters

Meet the poster presenters and discuss their findings on Levels 2 and 3 during the morning and afternoon coffee breaks.

Meet the Industry

The Heart Failure 2009 Committee would like to gratefully acknowledge the support of the industry partners listed below who have generously contributed to the congress in the form of Exhibition, Satellite Symposia, Sponsorship and Grant Association.

Satellite Symposia

- BRAHMS Aktiengesellschaft
- GE Healthcare
- Inverness Medical Cardiology Division
c/o Biosite International
- Medtronic
- Menarini Group
- Merck Serono, a division of Merck KGaA
- Merck, Sharp & Dohme
- Otsuka Pharmaceutical Europe Ltd.
- ResMed Europe
- Servier
- Thoratec Corporation
- Vifor Pharma

Meet the Experts

- Cardiac Concepts, Inc.
- Novartis Pharma AG

Sponsorship

- Amgen Inc.
- Biogen Idec
- Cardiac Concepts, Inc.
- GE Healthcare
- Medtronic
- Merck Serono, a division of Merck KGaA
- Merck, Sharp & Dohme
- Otsuka Pharmaceutical Europe Ltd.
- ResMed Europe
- Servier
- Vifor Pharma

CONNECT

Exhibition

Beyond the lecture halls, the Exhibition Area also provides a unique opportunity to catch a glimpse of the continuous and rapid developments in the field of heart failure. There is no better opportunity to get a first-hand account of the direction of this discipline than by browsing the latest products on offer from our industry partners. Industry representatives will be more than happy to discuss their state-of-the-art products, technology and services and how this can translate to improvements in your daily practice.

- ADInstruments Ltd.
- BRAHMS Aktiengesellschaft
- Cardiola AG Cardiac Support Systems
- Experimetria Ltd.
- GE Healthcare
- Hellenic Cardiological Society
- Innovision A/S
- Inverness Medical Cardiology Division
c/o Biosite International
- Medispec Ltd.
- Medtronic
- Menarini Group
- Merck Serono, a division of Merck KGaA
- Orion Corporation Orion Pharma
- Otsuka Pharmaceutical Europe Ltd.
- Oxford University Press
- Pfizer Inc.
- Pharmacosmos A/S
- ResMed Europe
- Scisense Inc.
- Servier
- Takeda Pharmaceuticals Europe Ltd.
- Thoratec Corporation
- Vifor Pharma
- Wisepress Online Bookshop



Coffee breaks / Lunches

From Saturday afternoon to Monday Afternoon, open buffets are located in the Exhibition Area during break hours.

Meet the HFA of the ESC

Come and meet us on the **HFA/ESC stand (1-1)**, where our staff will be available to answer questions and provide you with the latest information on the Heart Failure Association and the European Society of Cardiology in general.

You can apply for HFA Membership directly on the stand and pick up your Heart Failure Journal. Discover all our activities, such as clinical practice guidelines, journals, educational courses and initiatives, the ESC Congress and the various sub-specialty congresses.

We will also be able to provide information on Heart Failure 2010 and members will receive a free copy of the Pocket Guidelines.

If you want to meet the leadership and hear about the strategy of the Association you might also be interested in attending the **HFA General Assembly, Monday 1 June, 10:00 - 11:00, Auditorium Apollon**

Meet the ISHR

Come and meet the ISHR at their **General Assembly, Sunday 31 May, 17:30 - 18:30, Room Neptune.**

Before you leave, drop a business card in the dedicated urns on the HFA-ESC stand, in the Poster Zone on Level 2 and in the HFA Atrium on Level 3, and stay connected...!



ENJOY!

Heart Failure 2009 gathers together all of the key people working in the field of heart failure and gives you many opportunities to learn and share expertise. Find your way around and make the most of this fascinating Congress in the beautiful city of Nice.

Congress Centre

Nice Acropolis

Palais des Congrès et Expositions

1, Esplanade Kennedy - 06000 Nice, France

Tel: + 33 4 93 92 83 00 - Fax: + 33 4 93 92 82 55

Website: www.nice-acropolis.com



Opening hours

	Venue	Registration	Speakers' Service Centre	Exhibition
Friday 29 May		14:00 - 18:00		
Saturday 30 May	12:00 - 21:00	08:30 - 20:30	14:00 - 18:30	17:15 - 21:00
Sunday 31 May	07:30 - 19:30	07:30 - 18:30	07:30 - 18:30	09:00 - 18:00
Monday 1 June	07:30 - 19:30	07:30 - 18:30	07:30 - 18:30	09:00 - 18:00
Tuesday 2 June	07:30 - 13:00	07:30 - 13:00	07:30 - 12:30	

Transport

Public transport in Nice

The Nice Acropolis Congress Centre is 5mn away from the city centre by bus or tram. A leisurely walk will also bring you downtown in 10 mn. Please refer to the City Tours Desk in the Registration Area to get bus and tramway plans.

Tramway

The Tramway stops opposite the Congress Centre at the **Acropolis** station and will take you directly to old Nice as well as to the main shopping areas and sightseeing sites in less than 10 minutes.



Useful links: Nice Tourism Office Web Site: www.nicetourism.com

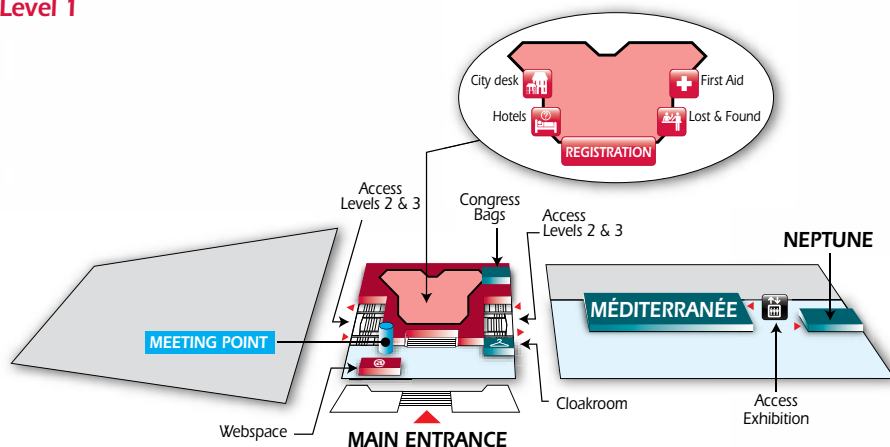
Bus

The Airport bus lines 98 or 99 go into Nice. Line 98 stops at the Central bus station which is about 10 minutes walk from the Acropolis Congress Centre. Line 99 stops at the main railway station. From the city centre, bus lines 4, 16 and 89 connect directly with the Congress Centre (2mn walk from the station **Pont Barla / Acropolis**).

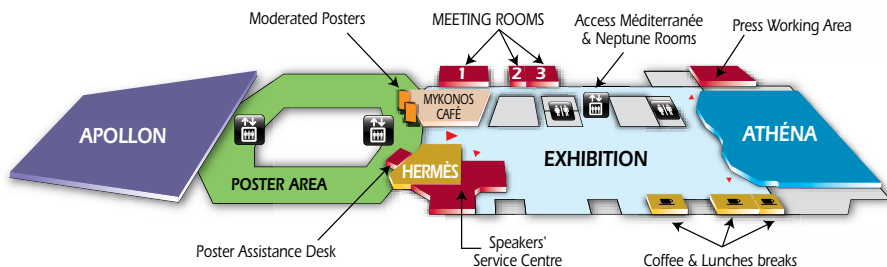
Congress Floor plans

Access only possible with badge - NO BADGE NO ENTRY!

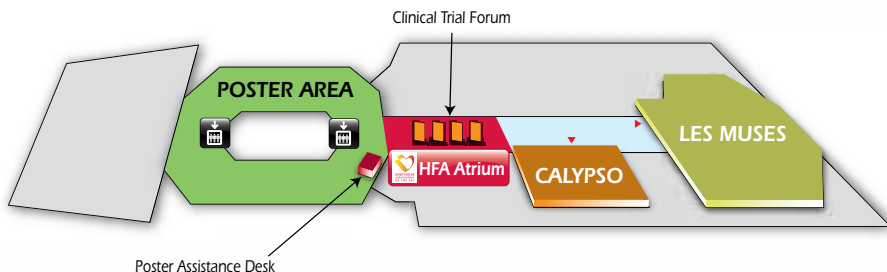
Level 1



Level 2



Level 3



HFA Atrium

Level 3

Heart Failure Association
of the ESC
Mission, Objectives and Initiatives

In Memory of
Philip Poole-Wilson

Clinical Trials Forum



Join us Tuesday morning from 10:00 to 11:00
around a cup of coffee

At least 28 million people in greater Europe have heart failure...How much do they know about their condition?

With simple changes in lifestyle, a better understanding of heart failure and appropriate treatment, many people live full and active lives. It is time for us to help them take charge of their health.

Heartfailurematters.org is a ground-breaking new educational website for people with heart failure, their families and carers, developed by cardiologists, nurses and primary care physicians from the Heart Failure Association of the ESC.

Translated into
major European languages, such as
French, German and Spanish!



"Encouraging patients to comply with treatment and to adjust their lifestyles is a challenge for clinicians: The internet could help achieve this goal, as long as the advice is easy to understand."

heartfailurematters.org:
created by doctors and nurses for patients



heartfailurematters.org:
empowering patients

▪ Users include doctors and nurses, who will find it helpful to provide **practical information to patients**



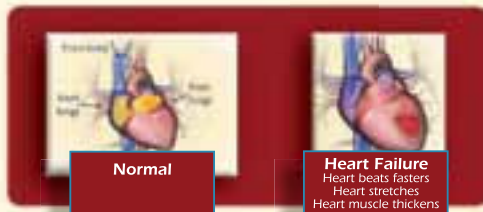
heartfailurematters.org:
innovative & user-friendly

▪ Comprehensive, **practical information on living with heart failure, drugs, devices and diagnosis**



▪ Anna, an **animated guide**, helps users navigate the site

▪ Includes captivating **animations, videos, patient stories, useful downloadable tools**



▪ **Frequently asked questions, polls and quizzes**

Bookmark heartfailurematters.org today; it's fun to explore, even your kids will think so....!

14:15 - 15:45

JOINT SESSION

Les Muses

Debate

A joint session with the European Heart Rhythm Association (EHRA)

Chairpersons: P.E. Vardas (Heraklion, GR); M.R. Cowie (London, GB)



- | | | |
|-------|---|---|
| 14:15 | Most patients with a LVEF less than 30% should have an ICD implanted: PRO. | 1 |
| | J. Brugada Terradellas (Barcelona - ES) | |
| 14:37 | Most patients with a LVEF less than 30% should have an ICD implanted: CONTRA. | 2 |
| | To be announced | |
| 15:00 | Heart failure and atrial fibrillation: Rate control is better than rhythm control - PRO. | 3 |
| | D. Roy (Montreal - CA) | |
| 15:22 | Heart failure and atrial fibrillation: Rate control is better than rhythm control - CONTRA. | 4 |
| | To be announced | |

14:15 - 15:45

FRENCH SESSION

Méditerranée

Gérer le traitement médicamenteux

Chairpersons: G. Jondeau (Paris, FR); J.L. Vachiery (Brussels, BE)



- | | | |
|-------|--|---|
| 14:15 | Les doses de diurétiques sont flexibles. | 5 |
| | M. Galinier (Toulouse - FR) | |
| 14:37 | Adaptation des doses d'IEC, d'antagonistes de l'angiotensine2 et de l'aldostérone. | 6 |
| | J.L. Vachiery (Brussels - BE) | |
| 15:00 | Prescription des bêtabloquants: Pourquoi compliquer quand on peut faire simple? | 7 |
| | G. Jondeau (Paris - FR) | |
| 15:22 | Ce que l'on ne doit pas prescrire. | 8 |
| | Y. Juilliere (Vandoeuvre-les-Nancy - FR) | |

15:45 - 17:15

MAIN SESSION

Les Muses

Best Papers in 2008 / 2009

Chairpersons: D.L. Brutsaert (Kontich, BE); M. Komajda (Paris, FR)

- | | | |
|-------|--------------------------------|----|
| 15:45 | Biomarkers. | 9 |
| | T.A. McDonagh (London - GB) | |
| 16:03 | Imaging. | 10 |
| | F.E. Rademakers (Leuven - BE) | |
| 16:21 | Drugs. | 11 |
| | J.J.V. McMurray (Glasgow - GB) | |
| 16:39 | Devices. | 12 |
| | B. Lamp (Bad Driburg - DE) | |
| 16:57 | Nursing. | 13 |
| | S. Stewart (Melbourne - AU) | |



15:45 - 17:15

FRENCH SESSION

Méditerranée

Prise en charge clinique

Chairpersons: V. Thore (Vandoeuvre, FR); J.-N. Trochu (Nantes, FR)

15:45	Prise en charge de la décompensation cardiaque.	14
	P. Gibelin (Nice - FR)	
16:07	La diététique: Un paradoxe français?	15
	E. Guibert - Heriteau (Nantes - FR)	
16:30	Prise en charge multidisciplinaire et éducation du patient: Un rôle clé.	16
	J.-N. Trochu (Nantes - FR)	
16:52	Espoir dans les situations désespérées: Les soins palliatifs.	17
	M.-F. Seronde (Besancon - FR)	

17-30 - 19:15

Apollon

Opening Ceremony

Welcome

Professor John McMurray (Glasgow, UK)

Professor Michel Komajda (Paris, FR)

The Janice Pfeffer Distinguished lecture

Professor Don Bers (Maywood, US)

In Memory of Philip Poole-Wilson

Professor Roberto Ferrari (Ferrara, IT)

Professor Inder Anand (Edina, US)

The HFA Honorary Lecture

Professor M. Pfeffer (Boston, US)

Concluding remarks and congress opening

Professor Kenneth Dickstein (Stavanger, NO)

Followed by

Opening Reception

Cocktails in the Exhibition Area

19:15 - 21:00

HEART FAILURE 2009

The Heart Failure 2009 Congress is pleased
to provide attendees with free Internet facilities

Web Space

SUNDAY



Supported by Otsuka in the form
of an unrestricted educational grant



Otsuka

Otsuka people creating new products for better health worldwide

OPFL/0209/TOL/0002

Sunday 31 May 2009 - Morning

08:30 - 10:00

MAIN SESSION

Apollon

Heart failure events in non heart failure trials and non heart failure events in heart failure trials

Chairpersons: C. O'Connor (Durham, US); E. Roland (Saint-Denis, FR)

- | | | |
|-------|--|----|
| 08:30 | Heart failure events in non heart failure trials. | 18 |
| | E. Erdmann (Koeln - DE) | |
| 08:52 | Is there a reliable definition of heart failure event? | 19 |
| | I.S. Anand (Edina - US) | |
| 09:14 | Non cardiovascular mortality in heart failure trials. | 20 |
| | S. Solomon (Boston - US) | |
| 09:37 | Renal dysfunction in heart failure trials: a cardiovascular or a non cardiovascular event? | 21 |
| | J.G.F. Cleland (Kingston upon Hull - GB) | |



08:30 - 10:00

JOINT SESSION

Les Muses

Optimising RAAS blockade in heart failure

A joint session with the Asia Pacific Society of Cardiology

Chairpersons: M. Hori (Osaka, JP); P. Ponikowski (Wroclaw, PL)

- | | | |
|-------|---|----|
| 08:30 | Update on basic science of the RAAS and its inhibition. | 22 |
| | M. Hori (Osaka - JP) | |
| 08:52 | RAAS inhibition to prevent LV dysfunction. | 23 |
| | R. Ferrari (Ferrara - IT) | |
| 09:15 | Extending the indications for aldosterone antagonists. | 24 |
| | F. Zannad (Dommartin-Les-Toul - FR) | |
| 09:37 | Is there a role for renin inhibition? | 25 |
| | H. Krum (Melbourne - AU) | |

08:30 - 10:00

HOW-TO SESSION

Athéna

How to select a heart failure patient for CRT-P, CRT-D or ICD

Chairpersons: J. Brugada Terradellas (Barcelona, ES); C. Stellbrink (Bielefeld, DE)

- | | | |
|-------|--|----|
| 08:30 | Use of CRT-P, CRT-D and ICD in Europe. | 26 |
| | M. Gasparini (Rozzano - IT) | |
| 08:52 | How to select patients who need a CRT-P? | 27 |
| | C. Leclercq (Rennes - FR) | |
| 09:15 | How to select patients who need a CRT-D? | 28 |
| | D. Gras (Nantes - FR) | |
| 09:37 | How to select patients who need an ICD? | 29 |
| | M. Borggrefe (Mannheim - DE) | |



08:30 - 10:00

ORAL ABSTRACT SESSION

Calypso

Judges Choice Clinical

Chairpersons: H.P. Brunner-La Rocca (Basel, CH); J.C. Burnett Jr (Rochester, US)

- | | | |
|-------|---|----|
| 08:30 | Relaxin for the treatment of patients with acute heart failure and normal to elevated blood pressure (Pre-RELAX-AHF): Results of a Phase 2b study.
M. Metra, J.R. Teerlink, A.A. Voors, G.M. Felker, P. Ponikowski, B.D. Weatherley, E. Unemori, S. Teichman (Brescia - IT, Durham, San Francisco, San Mateo - US, Groningen - NL, Wroclaw - PL) | 30 |
| 08:45 | Beta-blocker therapy in elderly patients with heart failure: preliminary results of the CIBIS-ELD trial.
H.-D. Duengen, S. Apostolovic, B. Knezevic, M. Lainscak, S. Inkrot, T. Eschenhagen, F. Waagstein, R. Dietz (Berlin, Hamburg - DE, Nis - RS, Podgorica - ME, Golnik - SI, Goteborg - SE) | 31 |
| 09:00 | Cystatin C as a marker of the cardiorenal syndrome in acute heart failure: Definitions and impact on in-hospital and long-term mortality.
J.P.E. Lassus, M.S. Nieminen, K. Peuhkurinen, K. Pulkki, K. Siirila-Waris, R. Sund, V.-P. Harjola (Helsinki, Kuopio - FI) | 32 |
| 09:15 | Reversed apical rotation as a marker of disease severity in dilated cardiomyopathy.
B.A. Popescu, C.C. Beladan, A. Calin, D. Muraru, D. Deleanu, C. Ginghina (Bucharest - RO) | 33 |
| 09:30 | Increased levels of cytokines, vasoactive peptides, and growth factors in alveolar macrophages in heart failure.
E.H. Oie, L.I. Sikkeland, C.P. Dahl, A.K. Andreassen, E. Gude, L. Gullestad, J. Kongerud, P. Aukrust (Oslo - NO) | 34 |
| 09:45 | Role for diastolic dysfunction in the development of heart failure in diabetic patients after myocardial infarction.
D. Aronson, H. Hammerman, D. Mutlak, A. Musallam, Y. Agmon (Haifa - IL) | 35 |

08:30 - 10:00

FRENCH SESSION

Méditerranée

Symptômes et pathologies associées

Chairpersons: P. de Groote (Lille, FR); F. Follath (Zurich, CH)

- | | | |
|-------|---|----|
| 08:30 | Apprendre aux patients à reconnaître les signes d'alerte.
F. Follath (Zurich - CH) | 36 |
| 08:52 | Que faire en cas d'insuffisance rénale?
R. Isnard (Paris - FR) | 37 |
| 09:15 | Que faire en cas d'hyponatrémie?
P. de Groote (Lille - FR) | 38 |
| 09:37 | Reconnaître et traiter le syndrome d'apnée du sommeil.
L. Hittinger (Creteil - FR) | 39 |

08:30 - 10:00

BASIC SCIENCE

Hermès

Stem cell therapy: rescue or regeneration?

Chairpersons: P.A.F.M. Doevendans (Utrecht, NL); S. Janssens (Leuven, BE)

- | | | |
|-------|---|----|
| 08:30 | Paracrine modulation of excitation-contraction coupling in failing myocytes by implanted stem cells.
C. Terracciano (Harefield - GB) | 40 |
| 08:52 | Mesenchymal stem cells repair ischaemic hearts through paracrine mechanisms.
M. Gnecci (Pavia - IT) | 41 |
| 09:15 | Paracrine roles of endothelial progenitor cells.
E. Keshet (Jerusalem - IL) | 42 |
| 09:37 | Cardiac protection from implanted bone marrow cells.
S. Janssens (Leuven - BE) | 43 |

08:30 - 10:00

BASIC SCIENCE

Neptune

Quality control: autophagy and the proteasome

Chairpersons: L. Carrier (Hamburg, DE); I. Benjamin (Salt Lake City, US)

- | | | |
|-------|--|----|
| 08:30 | Autophagy and apoptosis in heart disease.
K. Otsu (Osaka - JP) | 44 |
| 08:52 | Protein degradation and cardiomyopathy.
J. Fielitz (Berlin - DE) | 45 |
| 09:15 | The ubiquitin-proteasome system in cardiac dysfunction.
L. Carrier (Hamburg - DE) | 46 |
| 09:37 | UPS in human cardiomyopathy.
P. Evans (London - GB) | 47 |

08:30 - 12:30

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

Medical and surgical treatments.

Chairpersons: M. Tendera (Katowice, PL); T.A. McDonagh (London, GB)

The following ten abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 10:00 - 11:00.

- | | |
|---|----|
| Long period effects of high diuretic doses plus normal-sodium diet and fluid restriction on cytokines levels, body hydration and outcome in recently compensated heart failure patients.
G. Parrinello, D. Torres, S. Paterna, P. Di Pasquale, S. Fasullo, C. Trapanese, A. Torres, G. Licata (Palermo - IT) | 48 |
| Acute heart failure in patients with atrial fibrillation: Interim analysis of the German Competence Network on Atrial Fibrillation (AFNET) registry.
C. Sprenger, M. Oeff, K.G. Haeusler, U. Tebbe, G. Breithardt, T. Meinertz, U. Ravens, G. Steinbeck (Berlin, Brandenburg/Havel, Detmold, Dresden, Hamburg, Munster, Munich - DE) | 49 |

Sunday 31 May 2009 - Morning

08:30 - 12:30

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

- Long term hemodynamic benefits of partial ventricular support in patients with severe heart failure. 50
B. Meyns, S. Klotz, A. Simon, D. Burckhoff (Hannover, Leuven, Muenster - DE, New York - US)
- Daily maximum and median respiratory rate becomes elevated several weeks before HF hospitalization in patients with implantable devices. 51
J. Mont L. Girbau, B. Lemke, B. Merkely, Y. Zhang, T. Kayser, V. Averina, N. Wold, P. Block Thomsen (Barcelona - ES, Luedenscheid - DE, Budapest - HU, St Paul - US, Hellerup - DK)
- Eplerenone survival benefits in heart failure patients post myocardial infarction are independent from its diuretic and potassium-sparing properties: Insight from the EPHEsus Data. 52
P. Rossignol, R. Fay, K. Andre, J. Menard, B. Pitt, F. Zannad (Brussels - BE, Dommartin Les Toul, Paris - FR, Ann Arbor - US)
- Spironolactone, not furosemide, improved insulin resistance and decreased inflammatory cytokines in patients with chronic heart failure. 53
K. Ogino, M. Kato, Y. Furuse, Y. Kinugasa, K. Yanagihara, O. Igawa, I. Hisatome, C. Shigemasa (Yonago - JP)
- Pre-operative screening scale predicts successful bridge-to-transplantation in chronic congestive heart failure patients. 54
M. Russo, K. Hong, A. Gelijns, Y. Naka (New York - US)
- Who are the high-risk heart transplant recipients and donors. 55
M. Russo, K. Hong, R. Davies, A. Iribarne, J. Chen, M. Argenziano, A. Gelijns, Y. Naka (New York - US)
- QRS shortening after cardiac resynchronization therapy predicts mortality in Class IV heart failure patients. 56
M.A. Castel Lavilla, L. Mont, E. Roig, F. Perez-Villa, J.M. Tolosana, M. Sitges, B. Vidal, J. Brugada (Barcelona - ES)
- African Americans with heart failure: racial differences in ICD therapies and inflammatory and oxidative stress markers. 57
R. Vest, R. Blanco, R. Valadri, I. Shukrullah, B. London, S. Dudley, M. Zafari, H. Bloom (Atlanta, Chicago, Pittsburgh - US)

08:30 - 12:30

CLINICAL POSTER SESSION I

Page 39 to 52

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Page 53 to 58

10:00 - 11:00

CASE PRESENTATION

Page 59 to 60

All abstract details are available for consultation in the specially designed Posters pages of this Programme (Page 39 to 60) .

11:00 - 12:30 MAIN SESSION Apollon

What is controversial in the new ESC Heart Failure Guidelines?

Chairpersons: M. Tendera (Katowice, PL); M.C. Fonseca (Oeiras, PT)

11:00	Definition and diagnosis. A.W. Hoes (Utrecht - NL)	303
11:18	Non-pharmacological management. A. Stromberg (Linköping - SE)	304
11:36	Devices. S.G. Priori (Pavia - IT)	305
11:54	Acute heart failure. G.S. Filippatos (Athens - GR)	306
12:12	The gaps in evidence. K. Dickstein (Stavanger - NO)	307

11:00 - 12:30 JOINT SESSION Les Muses

Heart failure, obesity and diabetes

A joint session with the Heart Failure Society of America (HFSA)

Chairpersons: J.J.V. McMurray (Glasgow, GB); B.M. Massie (San Francisco, US)

11:00	Heart failure, diabetes and obesity: An epidemiological perspective. W. Doehner (Berlin - DE)	308
11:22	The role of obesity and diabetes in heart failure: Is it all inflammation? J. Burnett (Rochester - US)	309
11:45	Implications of the obesity and diabetes epidemic for heart failure: The European view. A.A. Voors (Groningen - NL)	 310
12:07	Implications of the obesity and diabetes epidemic for heart failure: The American view. G.C. Fonarow (Los Angeles - US)	311

11:00 - 12:30 EDUCATIONAL - TRAINING Athéna

Heart failure and the kidney: The liaison dangereuse

Chairpersons: A.P. Maggioni (Florence, IT); M. Gheorghiade (Chicago, US)

11:00	How big is the problem? M. Gheorghiade (Chicago - US)	312
11:22	Why is renal dysfunction frequent in chronic heart failure? D.J. van Veldhuisen (Groningen - NL)	313
11:45	Heart failure with renal dysfunction: Implication for medical treatment. G. Jondeau (Paris - FR)	314
12:07	Heart failure with renal dysfunction: Are there new perspectives? S. Solomon (Boston - US)	 315

Sunday 31 May 2009 - Morning

11:00 - 12:30

TRANSLATIONAL

Calypso

Exercise training in heart failure

Chairpersons: A. Cohen-Solal (Paris, FR); L. Spinarova (Brno, CZ)

11:00	Mechanisms of action of physical training in heart failure. S. Gielen (Leipzig - DE)	316
11:18	Methods of training. V. Conraads (Edegem - BE)	317
11:36	Effects of training on surrogate endpoints. M. Mendes (Amadora - PT)	318
11:54	HF-ACTION: implications. C. O'Connor (Durham - US)	319
12:12	Unsolved issues. M.F. Piepoli (Piacenza - IT)	320



11:00 - 12:30

FRENCH SESSION

Méditerranée

Tout ce que vous devez savoir sur:



Chairpersons: D. Logeart (Paris, FR); L.A. Piérard (Liège, BE)

11:00	L' échocardiographie : insuffisance cardiaque à fraction d'éjection altérée. L.A. Piérard (Liège - BE)	321
11:22	L' échocardiographie : insuffisance cardiaque à fraction d'éjection préservée. R. Roudaut (Pessac - FR)	322
11:45	Dosages des peptides natriurétiques : diagnostic de l'insuffisance cardiaque. P. Jourdain (Pontoise - FR)	323
12:07	Dosages des peptides natriurétiques et insuffisance cardiaque chronique. D. Logeart (Paris - FR)	324

11:00 - 12:30

BASIC SESSION

Hermès

miRNAs - the new panacea?

Chairpersons: G. Condorelli (Milan, IT); S. Engelhardt (Munich, DE)

11:00	MicroRNAs: key control mechanisms in cardiac development and pathology. G. Condorelli (Milan - IT)	325
11:22	MicroRNA in cell response to endothelial hypoxia. M.C. Capogrossi (Rome - IT)	326
11:45	Role of DICER in cardiac hypertrophy. L.J. De Windt (Utrecht - NL)	327
12:07	miRNAs and cardiac fibrosis. E. Creemers (Amsterdam - NL)	328

11:00 - 12:30

BASIC SESSION

Neptune

Metabolic pathways and intracellular signalling

Chairpersons: F. Di Lisa (Padua, IT); E.J. Griffiths (Bristol, GB)

11:00	AMPK, glycogen accumulation and cardiomyopathies. M. Arad (Tel-Hashomer - IL)	329
11:22	AMPK in vasodilatation. P. Pacaud (Nantes - FR)	330
11:45	Metabolic remodelling. R. Ventura-Clapier (Chatenay-Malabry - FR)	331
12:07	Coupling of mitochondrial ATP synthesis to calcium. C. Maack (Homburg/Saar - DE)	332

12:35 - 13:50

SATELLITE SYMPOSIUM

Athéna

Ivabradine: the future in heart failure management

Satellite Symposium organised by SERVIER

Chairpersons: K. Swedberg (Gothenburg, SE); L. Tavazzi (Cotignola, IT)

12:35	Introduction.	333
	K. Swedberg (Gothenburg - SE)	
12:42	Place of heart rate in heart failure management.	334
	R. Ferrari (Ferrara - IT)	
12:57	Discussion.	335
13:02	Place of heart rate in the pathophysiology of heart failure.	336
	M. Boehm (Homburg/Saar - DE)	
13:17	Discussion.	337
13:22	The future of ivabradine in heart failure: the Systolic Heart failure treatment with the I_f inhibitor ivabradine Trial (SHIFT) study.	338
	M. Komajda (Paris - FR)	
13:37	Discussion.	339
13:42	Conclusion.	340
	L. Tavazzi (Cotignola - IT)	

12:35 - 13:50

SATELLITE SYMPOSIUM

Calypso

The characteristics and management of hyponatraemia

Satellite Symposium organised by Otsuka Pharmaceutical Europe Ltd.

Chairpersons: F. Zannad (Dommartin-Les-Toul, FR); G.S. Filippatos (Athens, GR)

12:35	Welcome and introduction.	341
	F. Zannad (Dommartin-Les-Toul - FR)	
12:40	Prevalence, characteristics and consequences of hyponatraemia.	342
	G.S. Filippatos (Athens - GR)	
13:00	Causes of hyponatraemia and current therapies.	343
	M. Metra (Brescia - IT)	
13:20	Future directions in the treatment of hyponatraemia.	344
	J.G.F. Cleland (Kingston upon Hull - GB)	
13:40	Questions and answers.	345
	J.G.F. Cleland, M. Metra, F. Zannad, G.S. Filippatos (Kingston upon Hull - GB, Brescia - IT, Dommartin-Les-Toul- FR, Athens - GR)	

12:35 - 13:50

SATELLITE SYMPOSIUM

Méditerranée

Device therapies in heart failure: bringing the benefits to the right patients

Satellite Symposium organised by Medtronic

Chairpersons: K. Dickstein (Stavanger, NO); J.J.V. McMurray (Glasgow, GB)

12:35	Introduction.	346
	K. Dickstein (Stavanger - NO)	
12:40	Treating the right patients: recent clinical trials and their implications.	347
	J.C. Daubert (Rennes - FR)	

Sunday 31 May 2009 - Lunchtime

12:35 - 13:50 SATELLITE SYMPOSIUM Méditerranée

13:00	Improving quality of care in everyday HF practice. S.G. Priori (Pavia - IT)	348
13:20	Reducing the burden of disease on patient and physicians - Options today and tomorrow. D. Vollmann (Goettingen - DE)	349
13:40	Panel discussion. J.J.V. McMurray (Glasgow - GB)	350

12:35 - 13:50 SATELLITE SYMPOSIUM Hermès

New insights: Intravenous iron in Chronic Heart Failure (CHF)

Satellite Symposium organised by Vifor Pharma

Chairpersons: M. Motro (Tel-Hashomer, IL); P. Ponikowski (Wroclaw, PL)

12:35	Introduction. M. Motro (Tel-Hashomer - IL)	351
12:40	What do we know about iron metabolism in CHF? I. Cavill (Cardiff - GB)	352
13:00	Opportunities and limitations of intravenous iron therapy. G. Bailie (Albany, New York - US)	353
13:20	Clinical evidence is getting stronger. S.D. Anker (Berlin - DE)	354
13:40	Panel discussion.	356

12:45 - 13:30 MEET THE EXPERTS SESSION Neptune

Beyond Obstruction: Central Sleep Apnoea and Heart Failure

Meet The Experts Session organised by Cardiac Concepts, Inc

Chairpersons: P. Ponikowski (Wroclaw, PL); D. Francis (London, GB)

12:45	Introduction and welcome. P. Ponikowski (Wroclaw - PL)	357
12:50	Recognising the various forms of Sleep Apnoea in the Heart Failure patient. D. Francis (London - GB)	358
13:05	Cardiovascular effects of Central Sleep Apnoea. W.T. Abraham (Columbus - US)	359
13:20	Questions and Answers. P. Ponikowski, D. Francis, W.T. Abraham (Wroclaw - PL, London - GB, Columbus - US)	360

Novel Heart Failure treatment strategies with Direct Renin Inhibition: From proof of Concept to Clinical Evidence

Meet The Experts Session organised by Novartis

Chairperson: A.P. Maggioni (Florence, IT)

- 12:45 Direct renin inhibition in heart failure: early insights from the ASPIRE HIGHER clinical trial programme.
A.P. Maggioni (Florence - IT)
- 13:00 Evaluating the potential of aliskiren in chronic heart failure: the ATMOSPHERE study.
H. Krum (Melbourne - AU)
- 13:10 Evaluating the potential of aliskiren for early intervention in acute decompensated heart failure: the ASTRONAUT study.
M. Georghiade (Chicago, IL - US)
- 13:20 Question & answer session.

Sunday 31 May 2009 - Afternoon

14:00 - 15:30

MEET THE EXPERTS

Apollon

Difficult clinical decisions: the experts' views on managing mitral insufficiency and aortic stenosis

Chairpersons: A.G. Fraser (Cardiff, GB); L.A. Piérard (Liège, BE)

- | | | |
|-------|--|-----|
| 14:00 | Assessing mitral insufficiency and its consequences in the individual patient.
J.D. Thomas (Cleveland - US) | 361 |
| 14:22 | Treatment strategies: medical, interventional and surgical.
A. Vahanian (Paris - FR) | 362 |
| 14:45 | Assessing aortic stenosis and its consequences in the individual patient.
B. Iung (Paris - FR) | 363 |
| 15:07 | Treatment strategies: medical, interventional and surgical.
P. Leprince (Paris - FR) | 364 |

14:00 - 15:30

MAIN SESSION

Les Muses

Cardiac MRI in Heart Failure

Chairpersons: G.C. Fonarow (Los Angeles, US); F.E. Rademakers (Leuven, BE)

- | | | |
|-------|---|-----|
| 14:00 | What information does the clinician need from MRI?
J.J. Bax (Leiden - NL) | 365 |
| 14:22 | MRI in inflammatory cardiac disease.
F. Beygui (Paris - FR) | 366 |
| 14:45 | MRI for non-invasive angiography and cardiac mechanics.
J. Schwitter (Zurich - CH) | 367 |
| 15:07 | Assessment of ischaemia and viability.
F.E. Rademakers (Leuven - BE) | 368 |

14:00 - 15:30

ORAL ABSTRACT SESSION

Athéna

Best across topics

Chairpersons: M. Flather (London, GB); H. Krum (Melbourne, AU)

- | | | |
|-------|--|-----|
| 14:00 | Chromogranin B is regulated in the myocardium and circulation during heart failure development - a novel marker of cardiac disease.
H. Rosjo, C. Husberg, M.B. Dahl, M. Stridsberg, I. Sjaastad, E. Oie, T. Omland, G. Christensen (Lorenskog, Oslo - NO, Uppsala - SE) | 369 |
| 14:15 | Geno-phenotype characterisation of hypertrophic cardiomyopathy patients that evolve through end-stage heart failure.
M. Pasotti, A. Serio, F.I. Gambarin, M. Grasso, M. Tagliani, N. Marziliano, V. Favalli, E. Arbustini (Pavia - IT) | 370 |
| 14:30 | Pulmonary hypertension prevalence in heart failure: relation to dyspnoea and preserved and reduced systolic function.
T. Damy, J. Hobkirk, K. Goode, C. Lewinter, O. Khaleva, L. Hittinger, A. Clark, J.G.F. Cleland (Hull - GB, Creteil - FR) | 371 |
| 14:45 | Expression of desmin in cardiomyocytes in patients with chronic heart failure. Long-term prognosis and selected echocardiographic parameters.
A. Pawlak, R.J.G. Gil, E.W. Walczak, H.R. Rdzanek, J.R. Rzezak (Warsaw - PL) | 372 |

14:00 - 15:30 ORAL ABSTRACT SESSION Athéna

- 15:00 Late gadolinium enhancement cardiovascular magnetic resonance predict cardiac events in patients with nonischemic cardiomyopathy irrespective of baseline ejection fraction. 373
F. Ridocci Soriano, A. Valle, J. Estornell, R. Romaguera, E. Lucas, J. Perez, J. Restrepo, C.J. Soriano (Valencia - ES)
- 15:15 What works in heart failure management programs to reduce hospital admission? 374
T. Jaarsma, S. Stewart, J.J.V. McMurray, M.W. Rich, B. Riegel, H.M. Krumholz, A. Laramée, J. Sochalski (Groningen - NL, Adelaide - AU, Glasgow - GB, Burlington, Pennsylvania, New Haven, Washington - US)

14:00 - 15:30 TRANSLATIONAL Calypso

PDE-5 inhibition in heart failure

Chairpersons: C. O'Connor (Durham, US); H.P. Brunner-La Rocca (Basel, CH)

- 14:00 The science of PDE5 inhibition. 375
M. Boehm (Homburg/Saar - DE)
- 14:22 Experience and clinical research in heart failure. 376
G.S. Butrous (Bridge Nr Canterbury - GB)
- 14:44 Tolerance and contraindications. 377
M. Guazzi (Milan - IT)
- 15:08 The next step: The randomized clinical trial. 378
K. Dickstein (Stavanger - NO)

14:00 - 15:30 NURSING Méditerranée

Self-care behaviours: strategies and tools

Chairpersons: I. Ekman (Gothenburg, SE); M.C. Deaton (Manchester, GB)

- 14:00 Self-management in heart failure - State of the art. 379
T. Jaarsma (Groningen - NL)
- 14:18 The role of family and caregivers in supporting self-care. 380
M.L.A. Luttik (Groningen - NL)
- 14:36 The importance of self-care behaviours. 381
A. Stromberg (Linköping - SE)
- 14:54 Cognitive dysfunction - how can it be measured and influenced? 382
S.J. Pressler (Ann Arbor - US)
- 15:12 How to optimise self-care behaviours in depressed patients. 383
D.R. Thompson (Leicester - GB)



14:00 - 15:30

ORAL ABSTRACT SESSION

Hermès

Young Investigator Award - Basic Science

Chairpersons: E. Hirsch (Turin, IT); S. Janssens (Leuven, BE)

- | | | |
|-------|---|-----|
| | Judges. | 384 |
| | A.M. Shah (London - GB), S.E. Harding (London - GB), To be announced | |
| 14:00 | Nuclear export of HDAC4 shifts the histone-code in the promotor regions of ANP and BNP in human failing myocardium. | 385 |
| | M. Hohl, S. Muller, J. Backs, M. Bohm, C. Maack (Heidelberg, Homburg - DE) | |
| 14:15 | Inhibition of the multidrug resistance-associated protein 4, MRP4 promotes cardiac hypertrophy. | 386 |
| | Y. Sassi, S. El Haou, Y. Fromes, G. Vandecasteele, P. Lechat, S. Hatem, A.M. Lompre, J.S. Hulot (Chatenay-Malabry, Paris - FR) | |
| 14:30 | Hypoxia inducible factor 1 (HIF1) enhances transcription of the human urocortin 2 gene. | 387 |
| | K. Buehler, I. Plaisance, T. Dieterle, M. Brink (Basel - CH) | |
| 14:45 | Stabilin-1 protects against adverse inflammation and injury during viral myocarditis. | 388 |
| | S. Velthuis, M. Swinnen, D. Vanhoutte, W. Verhesen, B. Schroen, J. Kzhyshkowska, R.E.W. Van Leeuwen, S. Heymans (Maastricht - NL, Leuven - BE, Mannheim - DE) | |
| 15:00 | Improved heart function follows enhancement of the inflammatory and angiogenic response in the healing myocardial infarct of 11HSD1 mice. | 389 |
| | S. Mcsweeney, H. Khaled, A.M. Kozak, P.W. Hadoke, B.R. Walker, G.A. Gray (Edinburgh - GB) | |
| 15:15 | Adrenergic stress exacerbates impairment of the ubiquitin-proteasome system in heterozygous cMyBP-C knock-in mice. | 390 |
| | S. Schlossarek, F. Schuermann, G. Mearini, B. Geertz, N. Vignier, T. Eschenhagen, L. Carrier (Hamburg - DE, Paris - FR) | |

14:00 - 15:30

JOINT SESSION

Neptune

New developments in angiotensin research

A joint session with the European Council on Cardiovascular Research (ECRC)

Chairpersons: M. Paul (Maastricht, NL); A. Hughes (London, GB)

- | | | |
|-------|--|-----|
| 14:00 | Renin-angiotensin system - polymorphisms and cardiovascular disease: where are we now? | 391 |
| | A. Danser (Rotterdam - NL) | |
| 14:30 | AT2 receptor agonists: a new option in cardiovascular therapy? | 392 |
| | T. Unger (Konigswinter - DE) | |
| 15:00 | Can short-term inhibition of the renin-angiotensin system have long-term effects? | 393 |
| | M.J. Mulvany (Aarhus - DK) | |

14:00 - 18:00

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00.

Cardiomyopathy and imaging

Chairpersons: W.J. Paulus (Amsterdam, NL); D. Neglia (Pisa, IT)

The following five abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 15:30 - 16:00.

Exercise-induced diastolic dysfunction is associated with lower cardiac performance in patients with heart failure despite normal EF and borderline LV filling index. 3D stress echocardiography. 394

M. Kasner, R. Gaub, D. Sinning, J. Lober, D. Westermann, H.-P. Schultheiss, C. Tschoepe (Berlin - DE)

Silent myocardial ischaemia predicts late major cardiac events in cancer patients on multiagent chemotherapy. 395

G.P. Carboni, G. Minotti, I. Di Giampietro, B. Vincenzi, D. Santini, G. Tonini, B. Beomonte-Zobel (Rome - IT)

Myocardial expression of microRNA-208 in human dilated cardiomyopathy. 396

M. Satoh, Y. Minami, Y. Takahashi, T. Tabuchi, M. Nakamura (Morioka - JP)

Relationship between renal function and serum cardiac troponin T in patients with chronic heart failure. 397

T. Tsutamoto, C. Kawahara, M. Yamaji, K. Nishiyama, M. Fujii, T. Yamamoto, M. Horie (Otsu - JP)

Left ventricular longitudinal impairment is associated with advanced diastolic dysfunction in patients with arterial hypertension: the SPHERE Study. 398

F.L. Dini, S. Nistri, C. De Gregorio, L. Badano, V. Di Bello, P.N. Marino, S. Mondillo, M. Galderisi (Altavilla Vicenza, Messina, Naples, Novara, Pisa, Siena, Udine - IT)

14:00 - 18:00

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00.

Patient Care

Chairpersons: B. Travers (Dublin, IE); To be announced

The following five abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 15:30 - 16:00.

Home-telemonitoring or nurse telephone support improves short-term outcomes in patients at greatest risk of death or hospitalisation compared to usual care: evidence from the TEN-HMS Study. 399

K. Goode, J. Zhang, A.S. Rigby, P. Atkin, D. Cullington, A.H. Balk, J.G.F. Cleland (Hull - GB, Rotterdam - NL)

Sunday 31 May 2009 - Afternoon

14:00 - 18:00

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

- Psychosocial parameters of compliance and survival of patients with advanced heart failure. 400
P. Notova, E. Goncalvesova, S. Wimmerova, M. Luknar, P. Lesny, I. Varga, I. Soosova (Bratislava - SK)
- The influence of heart failure in patient-partner dyads -a comparative study addressing health-related quality of life, symptoms of depression, perceived control and knowledge. 401
S. Agren, L. Evangelista, A. Stromberg (Linkoping - SE, Los Angeles - US)
- Depressive symptoms and quality of life in an outpatient population with heart failure. 402
B. Gonzalez, L. Cano, R. Cabanes, F. Pons, A. Urrutia, C. Diez, S. Altimir, J. Lupon Roses (Badalona - ES)
- Comparative long-term predictive value of the Kansas City Cardiomyopathy Questionnaire and the Minnesota Living with Heart Failure Questionnaire in chronic heart failure. 403
D. Farmakis, J. Parissis, M. Nikolaou, V. Bistola, D. Birba, G. Filippatos, D.T. Kremastinos (Athens - GR)

14:00 - 18:00

CLINICAL POSTER SESSION II

Page 61 to 73

14:00 - 18:00

BASIC SCIENCE POSTER SESSION II

Page 74 to 78

All abstract details are available for consultation in the specially designed Posters pages of this Programme (Page 61 to 78).

16:00 - 17:30

EDUCATIONAL - TRAINING

Apollon

Acute heart failure - 3 case discussions

Chairpersons: V-P. Harjola (Helsinki, FI); L. Tavazzi (Cotignola, IT)

- | | | |
|-------|---|-----|
| 16:00 | Acute heart failure and renal deterioration function. | 635 |
| | Case presentation: F. Follath (Zurich - CH) | |
| | Discussant: C. Torp-Pedersen (Hellerup - DK) | 636 |
| 16:30 | Acute heart failure with an acute coronary syndrome. | 637 |
| | Case presentation: D. Logeart (Paris - FR) | |
| | Discussant: H. Drexler (Hannover - DE) | 638 |
| 17:00 | Hypertensive heart failure. | 639 |
| | Case presentation: A.J. Manolis (Athens - GR) | |
| | Discussant: J. Diez Martinez (Pamplona - ES) | 640 |

16:00 - 17:30

MAIN SESSION

Les Muses

When does management of heart failure become palliative?

Chairpersons: T. Jaarsma (Groningen, NL); M. Rauchhaus (Rostock, DE)

- | | | |
|-------|---|-----|
| 16:00 | What do the guidelines say? | 641 |
| | M. Ryder (Dublin - IE) | |
| 16:22 | What can we learn from cancer care? | 642 |
| | T.A. McDonagh (London - GB) | |
| 16:44 | The palliative care team: who does what? | 643 |
| | J.M. Beattie (Birmingham - GB) | |
| 17:08 | What to do with devices at the end of life? | 644 |
| | To be announced | |

16:00 - 17:30

EDUCATIONAL - TRAINING

Athéna

Managing symptoms in heart failure

Chairpersons: I. Ekman (Gothenburg, SE); J. Murin (Bratislava, SK)

- | | | |
|-------|--|-----|
| 16:00 | How can symptoms be measured in a valid way? | 645 |
| | J. Spertus (Kansas City - US) | |
| 16:22 | Signs and symptoms in chronic heart failure: How are they related? | 646 |
| | J.T. Parissis (Athens - GR) | |
| 16:45 | Assessment of symptoms in clinics and trials. | 647 |
| | J.G.F. Cleland (Kingston upon Hull - GB) | |
| 17:07 | Symptoms or side effects: patient perception of side effects of heart failure drugs. | 648 |
| | A. Rogers (London - GB) | |

16:00 - 17:30

TRANSLATIONAL

Calypso

New Drugs on the horizon I

Chairpersons: G. Hasenfuss (Goettingen, DE); J.J.V. McMurray (Glasgow, GB)

- 16:00 Inotropic/lusitropic drugs and ranolazine. 649
A. Mebazaa (Paris - FR)
- 16:22 New natriuretic peptides. 650
J.C. Burnett Jr (Rochester - US)
- 16:44 Inodilators and myosin activators. 651
M.S. Nieminen (Helsinki - FI)
- 17:08 New antithrombotics. 652
G.Y.H. Lip (Birmingham - GB)



16:00 - 17:30

ORAL ABSTRACT SESSION

Méditerranée

Nursing Investigator Award

Chairpersons: B. Travers (Dublin, IE); A. Stromberg (Linköping, SE)



- Judges. 653
I. Ekman (Gothenburg - SE), M.L.A. Luttik (Groningen - NL), S.J. Pressler (Ann Arbor - US)
- 16:00 Depressive symptoms and self-care behaviour in an outpatient population with heart failure. 654
B. Gonzalez, L. Cano, R. Cabanes, R. Lopez, A. Ramos, M. Arenas, M.C. Garcia, J. Lupon Roses (Badalona - ES)
- 16:18 Phone call evaluation in end stage heart failure - One year follow-up. 655
E. Papadopoulou, S. Mavrogeni, G. Kolovou, V. Sida, D.V. Cokkinos (Athens - GR)
- 16:36 Caregiverburden experienced by partners to heart failure patients. 656
S. Agren, L. Evangelista, A. Stromberg (Linköping - SE, Los Angeles - US)
- 16:54 Health-related quality of life in patients and carers over one year from entry into a nurse-led disease management programme. 657
J.F. Pattenden, S. Coulton, R.J.P. Lewin (Kent, York - GB)
- 17:12 The frequency of hospitalization due to worsening of chronic heart failure and its correlation with patients knowledge of self-care management, associated skills and behaviours. 658
M. Bohdan, G. Zuk, E. Bluj, J. Wroblewska, J. Morys, M. Gruchala, A. Rynkiewicz (Gdansk - PL)

16:00 - 17:30

BASIC SCIENCE

Hermès

Hypertrophic signalling: localisation and crosstalk

Chairpersons: L.J. De Windt (Utrecht, NL); M. Avkiran (London, GB)

- 16:00 EPAC and cardiac hypertrophy. 659
F. Lezoualc'h (Chatenay-Malabry - FR)
- 16:22 Paracrine mechanisms in cardiac hypertrophy. 660
S. Engelhardt (Munich - DE)
- 16:45 Role of p300 in cardiac hypertrophy. 661
N.H. Bishopric (Miami - US)
- 17:07 Melusin as a target in cardiac hypertrophy. 662
G. Tarone (Turin - IT)

16:00 - 17:30

ORAL ABSTRACT SESSION

Neptune

Basic Science

Chairpersons: S. Chlopicki (Krakow, PL); J.J. Mercadier (Paris, FR)

- 16:00 The role of PI3K/Akt and calcineurin signalling pathways in the proliferation activity of human embryonic stem cell derived cardiomyocytes. 663
Z. Lendvai, G. Foldes, M. Mioulane, B. Merkely, M.D. Schneider, S.E. Harding, N.N. Ali (Budapest - HU, London - GB)
- 16:15 Impact of exercise training on the expression of adiponectin and adiponectin receptors in the skeletal muscle of CHF patients. 664
A.M. Van Berendoncks, A. Garnier, P. Beckers, V.Y. Hoymans, N. Possemiers, C.J. Vrints, R. Ventura-Clapier, V.M. Conraads (Antwerp - BE, Paris - FR)
- 16:30 Dual pro-angiogenic effects of adenosine on vascular endothelial growth factor and soluble vascular endothelial growth factor receptor -1. 665
F. Leonard, I. Ernens, T. Chan, Z. Lu, Y. Chen, A.M. Feldman, Y. Devaux, D.R. Wagner (Luxembourg - LU, Minneapolis, Philadelphia - US)
- 16:45 Thrombospondin-2 is important in maintaining ECM integrity and Akt-survival signaling in cardiac myocytes during DOX-induced cardiomyopathy. 666
G.C. Van Almen, M. Swinnen, D. Vanhoutte, J. D'hooge, P. Carmeliet, Y.M. Pinto, B. Schroen, S. Heymans (Amsterdam, Maastricht - NL, Leuven - BE)
- 17:00 Involvement of inhibitor-1 in the control of vascular smooth muscle cells proliferation. 667
L. Lipskaia, L. Hadri, E. Merlet, N. Mougenot, E. Kranias, A.-M. Lompre, R. Hajjar (Cincinnati, New York - US, Paris - FR)
- 17:15 The transcriptional coregulator Eya 4 is a novel factor in the development of heart failure. 668
O. Ritter, T. Williams, J. Schonberger (Wuerzburg - DE)

17:30 - 18:30

ISHR GENERAL ASSEMBLY

Neptune

ISHR General Assembly

Chairpersons: S.E. Harding (London, GB); B.J. McDermott (Belfast, GB)

- 17:30 General Business. 669
S.E. Harding (London - GB), B.J. McDermott (Belfast - GB)
- 17:30 Presentation of the 2009 Servier Award. 670
S. Corda (Neuilly Sur Seine - FR)
- 17:30 Lecture Servier Award Winner 2008: Characterisation of factors implicated in the regulation of cardiac progenitor cell fate during heart development. 670
F. Rochais (Chatenay Malabry - FR)



New opportunities in Heart Failure with novel biomarkers**Satellite Symposium organised by B.R.A.H.M.S AG****Chairpersons: T.A. McDonagh (London, GB); S.D. Anker (Berlin, DE)**

18:00	Welcome & Introduction.	672
	S.D. Anker (Berlin - DE)	
18:05	The history of biomarkers.	673
	J.C. Burnett Jr (Rochester - US)	
18:20	Biomarkers in the Assessment of Congestive Heart Failure - main diagnostic results.	674
	A. Maisel (San Diego - US)	
18:35	Biomarkers in the Assessment of Congestive Heart Failure - main prognostic results.	675
	S.D. Anker (Berlin - DE)	
18:50	The place for novel biomarkers in HF: should we use more than one?	676
	J.J.V. McMurray (Glasgow - GB)	
19:05	Plenary discussion.	677

Posters Sessions

Poster session Clinical I - Morning

Arrhythmias and treatment.....	Page 39
Beta blockers.....	Page 40
Devices / Artificial heart / CRT / ICD.....	Page 41
Diuretics.....	Page 44
Drug therapy, other.....	Page 45
Heart transplantation.....	Page 48
Renin-angiotensin-aldosterone antagonists.....	Page 49
Surgery.....	Page 50
Prognosis.....	Page 51

Poster session Clinical II - Afternoon

Cardiomyopathy.....	Page 61
Diagnosis.....	Page 64
Echocardiography.....	Page 65
MRI & Cardiac radiology.....	Page 68
Nuclear cardiology.....	Page 69
Cardiac resynchronisation therapy.....	Page 69
Prognosis.....	Page 72

Poster session Basic I - Morning

Arrhythmias and treatment.....	Page 53
Beta blockers.....	Page 54
Devices / Artificial heart / CRT / ICD.....	Page 54
Drug therapy, other.....	Page 54
Renin-angiotensin-aldosterone antagonists.....	Page 55
Surgery.....	Page 55
Metabolism / Ischemia / Reperfusion / Preconditioning.....	Page 55
Animal models and experimentation.....	Page 56
Hypertension / LV hypertrophy.....	Page 57

Poster session Basic II - Afternoon

Cardiac resynchronisation therapy.....	Page 74
Cardiomyopathy.....	Page 74
Diagnosis.....	Page 76
Echocardiography.....	Page 76
MRI & Cardiac radiology.....	Page 76
Metabolism / Ischemia / Reperfusion / Preconditioning.....	Page 76
Animal models and experimentation.....	Page 77
Vascular biology, other.....	Page 78

08:30 - 12:30

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

These abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 10:00 - 11:00. Details on pages 19 and 20.

08:30 - 12:30

CLINICAL POSTER SESSION I

Clinical Poster Area
Level 2 & 3

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30. The presenter should be present throughout the coffee break (10:00 to 11:00) in order to discuss the poster.

Arrhythmias and treatment.

- | | |
|--|----|
| Comparative efficacy of statin therapy in severe chronic heart failure patients in sinus rhythm and atrial fibrillation. | 58 |
| K.G. Adamyan, L.R. Tumasyan (Yerevan - AM) | |
| Elective electrical cardioversion of persistent atrial fibrillation in patients with congestive heart failure: a new protocol for periprocedural embolism prevention. | 59 |
| G. Barbato, F. Bellusci, P. Lo Giudice, R. Nardo, L. Dell'uomo, T. Coglianaro, F. Lamberti, A. Gaspardone (Roma - IT) | |
| Beta-2 Gln27Glu adrenergic receptor gene polymorphism and appropriate ICD shocks among the patients with heart failure. | 60 |
| N. Pezzali, M. Metra, L. Covolo, A. Curnis, U. Gelatti, F. Donato, L. Dei Cas (Brescia - IT) | |
| Functional status of patients with persistent atrial fibrillation treated with rate or rhythm strategy. | 61 |
| D.A. Kosior, G. Opolski, J. Kochanowski, P. Scislo, M. Marchel, R. Piatkowski, M. Postula (Warsaw - PL) | |
| Atorvastatin might improve intra-atrial conduction disturbance in patients with chronic heart failure; a prospective randomized placebo controlled study. | 62 |
| M. Fukunami, T. Yamada, T. Morita, S. Sanada, Y. Okuyama (Osaka - JP) | |
| EKG vs expression of desmin in cardiomyocytes of patients with heart failure. | 63 |
| A. Pawlak, R.J.G. Gil, E.W. Walczak, A.I.G. Gziut, H.R. Rdzanek (Warsaw - PL) | |
| Heart failure and nonvalvular atrial fibrillation: an unequivocal relationship. | 64 |
| H. Does, R. Ferreira, R. Cardiga, F. Gandara, F. Marques, A. Leitao, C. Fonseca, F. Ceia (Lisbon - PT) | |
| Influence of elevated body mass index on risk of ventricular arrhythmias in a veteran patient population with heart failure and implantable cardioverter defibrillators. | 65 |
| R. Vest, R. Gadesam, S. Wijayawardana, R. Valadri, M. Zafari, K. Easley, H. Bloom (Atlanta - US) | |
| Cognitive disorders and cerebral perfusion in heart failure patients with chronic atrial fibrillation before and after pacemaker implantation. | 66 |
| N. Efimova, V. Chernov, I. Efimova, O. Shnaider, S. Popov (Tomsk - RU) | |
| Electrocardiographic abnormalities in patients with chronic heart failure and impaired kidney function. | 67 |
| M.H. Starczewska, M. Roik, J. Kochanowski, P. Scislo, G. Opolski (Warsaw - PL) | |

- Electrical cardioversion of atrial fibrillation: does the heart failure patient stand a chance?** 68
R.A. Providencia, J. Silva, L. Seca, P.L. Gomes, S. Barra, J. Nascimento, P. Mota, A.M. Leitao-Marques (Coimbra - PT)
- Acute effects from weaning of mechanical ventilation by Holter analysis in critical patients with heart failure.** 69
S. Chermont, G.A.T. Tinoco, M.M.P. Quintao, J.M.B.L. Linhares, J.C.P. Pereira, R.T. Tinoco, L.N.B. Nogueira, W.M. Martins (Teresopolis, Niteroi - BR)
- Globally impaired cardiac autonomic nervous activity in acute rheumatic fever.** 70
A. Roy, R. Juneja, A. Saxena, V.K. Bahl (New Delhi - IN)
- NYHA functional class significantly influenced quality of life in persistent atrial fibrillation.** 71
D.A. Kosior, J. Kochanowski, P. Scislo, R. Piatkowski, M. Marchel, M. Postula, G. Opolski (Warsaw - PL)
- The risk of atrial fibrillation after coronary surgery in patients with heart failure treated with beta-blockers.** 72
P. Ptaszynski, K. Kaczmarek, J. Ruta, R. Jaszewski, J.K. Wranicz (Lodz - PL)
- Heart control in older patients with atrial fibrillation and chronic lung disease.** 73
O. Londono Sanchez, F. Quintana, S. Pacreu (Barcelona - ES)
- Beta blockers.**
- Challenging targets: What can we achieve with one stop diagnostic heart failure clinic?** 74
R. Singh, A. Fuat, G. Brennen, J.J. Murphy (Darlington - GB)
- Effect of beta-blockers on T-wave alternans in patients with early stages of chronic heart failure with preserved ejection fraction.** 75
N.M. Seidova, D. Napalkov, V. Sulimov (Moscow - RU)
- Effect of carvedilol on plasma adiponectin level in patients with chronic heart failure.** 76
T. Tsutamoto, M. Yamaji, T. Tanaka, C. Kawahara, K. Nishiyama, T. Yamamoto, M. Fujii, M. Horie (Otsu - JP)
- A randomised trial of carvedilol and metoprolol on left ventricular dyssynchrony in patients with dilated cardiomyopathy.** 77
M.G. Kaya, B. Sarli, O. Gunebakmaz, M. Yarlioglu, T. Inanc, A. Dogan, A. Oguzhan, R. Topsakal (Kayseri - TR)
- Prevalence of anaemia and the effects of Nebivolol on haemoglobin values in patients with chronic heart failure: Results from the SENIORS Database.** 78
S. Von Haehling, D.J. Van Veldhuisen, M. Roughton, D. Babalis, P.A. Poole-Wilson, M. Flather, S.D. Anker (Berlin - DE, Groningen - NL, London - GB)
- Predict intolerance carvedilol at treatment of the patients with a combination of heart failure and chronic chronic obstructive pulmonary disease.** 79
P. Fedotov, M.Y. Sinikova, E.V. Shlyakhto, N.L. Shaporova (Saint-Petersburg - RU)
- The optimal dose of beta-blockers in Taiwanese patients with chronic heart failure.** 80
W.T. Hsu, F.C. Hu, C.M. Lee (Taipei - TW)
- Survival time and the course of patients with heart failure receiving Carvedilol: 6 -year follow up.** 81
B. Nessler, J. Nessler, M. Kitlinski, A. Gackowski, I. Palka, W. Pivowarska (Cracow - PL, Malmoe - SE)

- Comparison of carvedilol and bisoprolol on early induced left ventricular function improvement, by the tei index analysis, in patients with heart failure. 82
R. Spoladore, G. Fragasso, A. Palloshi, F. Arioli, A. Salerno, A. Margonato (Milan - IT)
- Interaction between beta-blockers and antidepressive medication modifies long term survival of patients with end stage heart failure and depression. 83
D. Tousoulis, C. Antoniadis, A. Drolas, K. Marinou, E. Stefanadi, G. Siasos, A. Trikas, C. Stefanadis (Athens - GR)
- Is there room for further heart rate modulation therapy in a stable heart failure population. 84
H.M. Sulaiman, N.F. Murphy, C. O'loughlin, M. Ledwidge, D. Mc Caffrey, K. Mc Donald (Dublin - IE)
- Beta blocker use before hospital admission and continued on this therapy provide a better neurohormonal response to the treatment for acutely decompensated HF. 85
Y. Cavusoglu, M. Tek, C. Demirustu, A. Birdane, A. Unalir, O. Goktekin, B. Gorenek, N. Ata (Eskisehir - TR)
- Do family doctors use B-blockers in patients with heart failure in Poland properly? 86
M. Fedyk-Lukasik, B. Wizner, G. Opolski, T. Grodzicki, T. Zdrojewski, R. Glowczynska, M. Marchel, A. Parnicka (Krakow, Gdansk, Warsaw - PL)
- Comparison of clinical and survival effects of different beta blockers in chronic heart failure. 87
B. Ancsin, B. Szabo, N. Nyolczas, M. Dekany, T. Borsanyi, E. Marosi, R.G. Kiss (Budapest - HU)
- Heart rate recovery on the first minute in the six minutes walk test in patients with stable chronic heart failure underwent betablocker. 88
S.L.L.M. Lindenberg, M.M.P.Q. Quintao, M.D. Derossi, S.L.G. Guilhon, S.B. Bernardez, A.C.L.N. Nobrega, S. Chermont, E.T.M. Tinoco Mesquita (Niteroi, Rio De Janeiro, Teresopolis - BR)
- Evaluation of the effects of carvedilol therapy on left myocardial performance index in patients with dilated cardiomyopathy. 89
A. Navazio, A. Barone, E. Lo Jacono, N. Muia', M. Pantaleoni, G. Tortorella, M. Calzolari, C. Menozzi (Reggio Emilia - IT)
- Impact of beta blockers in patients with heart failure, erectile dysfunction and depression. 90
S.V. Ramesh, H.W. Sim, K.M. Lim, M.S. Athar, S.K. Pillai, S.V. Dinesh, Z.A. Imran, W. Azman (Kuala Lumpur - MY)
- Devices Artificial heart CRT ICD.**
- Baseline characteristics of patients enrolled into the SENSE-HF trial. 91
V. Conraads, M. Cowie, C.M. Yu, L. Tavazzi (Edegem - BE, London - GB, Hong Kong - CN, Cotignola - IT)
- Implantable cardioverter-defibrillator indications for patients with noncompaction cardiomyopathy. 92
K. Caliskan, D.F. Theuns, Y.M. Hoedemaekers, F.J. Ten Cate, L. Jordaens, T. Szili Torok (Rotterdam - NL)
- Does defibrillation threshold testing and controlled shock delivery impact mortality among patients with implantable cardioverter defibrillators? 93
S. Bhavnani, C. Coleman, D. Guertin, C.M. White, R. Yarlagadda, C.A. Clyne, J. Kluger (Hartford - US)

- Intra-thoracic impedance and pulmonary wedge pressure for the detection of heart failure deterioration. 94
M. Maines, D. Catanzariti, C. Cemin, M. Vimercati, S. Valsecchi, G. Vergara (Rome, Rovereto - IT)
- Effects of undiagnosed paroxysmal atrial fibrillation on hospitalisation and mortality in a heart failure cohort. 95
M.A. Mamas, R. Ali, J. Caldwell, H. Contractor, S. Petkar, B. Clarke, C. Garratt, L. Neyses (Manchester, Oxford - GB)
- Thoracic impedance worsening as a risk for ventricular tachyarrhythmias. 96
B. Abi-Saleh, C. Mallozzi, B. Omar, C. Massey, S. Verma (Mobile, Pensacola - US)
- Prevalence and clinical management of severe left ventricular dysfunction in the general cardiology outpatient clinic. 97
R. Bover Freire, N. Perez-Castellano, J. Moreno Planas, R. Morales Perez, J.L. Zamorano Gomez, A. Ramos Isabel, J. Perez-Villacastin, C. Macaya Miguel (Madrid - ES)
- Coronary artery bypass grafting with and without concomitant epicardial cardiac resynchronization therapy in patients with ischemic heart failure: long-term results. 98
A. Romanov, E. Pakushalov, A. Cherniavskiy, D. Prohorova, V. Shabanov (Novosibirsk - RU)
- Time process of structural, functional and neurohormonal recovery during chronic mechanical circulatory support in end-stage heart failure patients. 99
S. Drakos, K. Malliaras, S. Nanas, N. Diakos, D. Koudoumas, S.T. Theodoropoulos, M.A. Nana, M. Yacoub (Athens - GR, Harefield - GB)
- Development of intraventricular conduction delay in patients with heart failure and an implantable cardiac defibrillator. 100
A.T. Abdellah, J.G.F. Cleland, S. Hurren, O. Khaleva, D. Cullington, A.L. Clark, A.S. Rigby, A. Torabi (Kingston Upon Hull - GB)
- Optivol: A 2 year review of the optimal threshold for intrathoracic impedance monitoring in patients with heart failure. 101
U. Buckley, S. Sheehan, G. Ryan, E. Keelan, J. Galvin, J. O'Neill (Dublin - IE)
- Clinical predictors of long term mortality without implantable cardioverter defibrillator shock therapy for ventricular tachyarrhythmias. 102
S. Bhavnani, Cl. Coleman, D. Guertin, C.M. White, C. Clyne, J. Kluger (Hartford - US)
- Chronic mechanical assistance improves sympathetic innervation of the failing heart. 103
N. Diakos, S. Drakos, T.H. Athanasoulis, C. Pantsios, D. Koudoumas, J. Terrovitis, E. Tseliou, M.A. Nana (Athens - GR)
- The effect of noninvasive positive pressure ventilation on treatment of patients with flash pulmonary edema admitted to the emergency department. 104
H. Yokoyama, M. Watanabe, K. Hashimura, Y. Goto, M. Kitakaze, H. Nonogi (Suita - JP)
- Implantable Cardioverter Defibrillator Programmed for no Bradi Therapy Intervention Define Better Survival of Chagas' Heart Disease Patients. 105
M. Martinelli Filho, R. Greco, S. Siqueira, S. Nishika, A. Pedrosa, R. Teixeira, R. Costa (Sao Paulo - BR)
- CHF treatment by vagal nerve stimulation - a new medical device therapeutic approach. 106
R. Dennert (Maastricht - NL)

- Changes in impedance are associated with changes in ventricular volume in patients receiving defibrillators for resynchronization therapy. 107
D. Miani, M. Maines, M. Landolina, M. Lunati, G. Zanotto, M. Santini, E. Caliarì, A. Varbaro (Milan, Pavia, Rome, Rovereto, Udine, Verona - IT)
- Long term hemodynamic effects of increase in programmed basic heart rate in patients treated with cardiac resynchronization therapy. 108
M. Stahlberg, R. Houben, P. Reijters, C. Linde, F. Braunschweig (Stockholm - SE, Maastricht - NL)
- Diastolic Heart Failure - Efficacy assessment of a new device-based approach. 109
L. Lak, A.E. Elami, R.S. Shofti, A.S. Sherman, S.D. Dubi, S.C. Carasso, L.L. Lak (Haifa, Herzlia, Jerusalem, Tel Aviv - IL)
- Quality of life: Is there a price to pay after a cardioverter-defibrillator implantation? 110
F. Saraiva, N. Antonio, C. Lourenco, R. Baptista, E. Jorge, P. Monteiro, L. Goncalves, L.A. Providencia (Coimbra - PT)
- CareLink home telemonitoring system: initial clinical experience. 111
R. Bover Freire, M. Bas Villalobos, N. Perez-Castellano, J. Moreno Planas, R. Morales Perez, J. Perez-Villacastin, C. Macaya Miguel (Madrid - ES)
- Remote device monitoring for CRT-D leads to substantial reduction in the need for 'routine' pacing clinic. 112
R. Trembath, C. Azucena, N. Stain, M.R. Cowie (London - GB)
- Long-term support with a Biventricular Assist Device: A single center experience. 113
A. Gkouziouta, P. Sfirakis, S. Adamopoulos, A. Manginas, E. Leontiadis, D.V. Cockinos, V. Voudris, P.A. Alivizatos (Athens - GR)
- Acute effects of adaptive servo-ventilation therapy in the patients with heart failure and cheyne-stokes respiration. 114
D. Dursunoglu, S. Gur, N. Dursunoglu, M. Kilic (Denizli - TR)
- Selection criteria of cardiac resynchronization non responders for additional cardiac contractility modulation. 115
H. Naegel, S. Behrens, I. Ollmann, C. Eisermann (Reinbek - DE)
- Preoperative use of intraaortic balloon pump support in patients undergoing elective placement of continuous flow ventricular assist devices. 116
S. Saxena, S. Lee, E. Missov (Minneapolis - US)
- Chronic mechanical circulatory support is accompanied by an increase in lean tissue mass and exercise capacity. 117
P. Zotos, S. Drakos, S. Nanas, A.T. Petrou, E. Repasos, A. Ntalianis, M.A. Nana, M. Yacoub (Athens - GR, Harefield - GB)
- Prospective evaluation of transthoracic impedance detection in selected heart failure population referred to electrophysiologic and heart failure outpatient clinic. 118
D. Miani, S. Indrigo, M.C. Albanese, P. De Biaggio, D. Facchin, L. Rebellato, L. Badano, A. Proclemer (Milan, Udine - IT)
- Low total mortality rates due to extended use of optimal medical treatment and CRT-D in a primary prophylactic ICD population. 119
U. Koepp, F.T. Gjestvang, G. Eivindson, E.S.P. Myhre (Kristiansand - NO)

- Long-term use of outpatient mechanical circulatory support in a low organ donation environment. 120
A. Gkouziouta, A. Manginas, S. Adamopoulos, L. Louca, D.V. Cockinos, V. Voudris, P. Sfirakis, PA. Alivizatos (Athens - GR)
- Are the obese poor responders to cardiac resynchronization therapy? 121
C. Negrier, N. Antonio, R. Teixeira, L. Coelho, J. Cristovao, L. Elvas, L. Goncalves, L.A. Providencia (Coimbra - PT)
- Trend in renal and liver function in patient with axial flow left-ventricle assist device (L-VAD). 122
A. Verde, F. Macera, F. Oliva, R. Paino, T. Colombo, F.M. Turazza, L. Martinelli, M. Frigerio (Milan - IT)
- Long term alteration after continuous right ventricular apical pacing in patients with bradycardia. 123
T. Yamada (Osaka - JP)
- The use of the Intraaortic Balloon Pump as a bridge to Left Ventricular Assist Device implantation does not increase perioperative hemorrhagic complications. 124
D. Koudoumas, S. Drakos, A. Ntalianis, V. Kolas, K. Malliaras, S.T. Theodoropoulos, M. Yacoub, J. Nanas (Athens - GR, Harefield - GB)
- Daily maximum and median respiratory rate are elevated during clinical events when compared to a post-implant baseline in CRT-D patients. 125
B. Merkely, J. Stockinger, J. Mont I Girbau, Y. Zhang, T. Kayser, V. Averina, N. Wold, P. Bloch Thomsen (Budapest - HU, Bad Krozingen - DE, Barcelona - ES, St Paul - US, Brussels - BE, Hellerup - DK)
- Serum Creatinine Predicts Short-Term Mortality in ICD Recipients With Heart Failure. 126
P. Francia, A. Uccellini, C. Balla, A. Modestino, A. Ricotta, A. Salvati, M. Volpe (Rome - IT)
- Commencement of an ECMO programme in university based cardiac centre. 127
J. Belohlavek, V. Rohn, M. Semrad, J. Kunstýr, J. Horak, M. Stritesky, A. Linhart, J. Tosovsky (Prague - CZ)
- Prevalence of CRT and ICD Candidates in heart failure specialty clinic. 128
A. Phrommintikul, W. Wongcharoen, A. Amaritakomol, R. Kanjanawanit (Chiang Mai - TH)
- Electrophysiological study for risk stratification in heart failure patients: a guide to ICD implantation. 129
S.M. Oliveira, A.M. Lebreiro, M. Vasconcelos, F. Medeiros, M.A. Parada, J. Campos, M.J. Maciel (Porto - PT)
- Diuretics.**
- Loop diuretics and variability of hemoglobin values in patients with advanced congestive heart failure. 130
D.V. Preobrazhensky, N.I. Nekrasova, B.A. Sidorenko, I.D. Vishinskaya, T.A. Batyraliev (Moscow - RU, Gaziantep - TR)
- Rolofylline, an Adenosine A1 receptor antagonist increases urine output and sodium excretion in healthy subjects. 131
V. Dishy, G. Mansoor, E. Hwang, A. Petry, D. Bloomfield, E. Lai (Rahway, Upper Gwynedd - US)

- Different combinations of diuretics in treatment of endogenous intoxication in patients with chronic heart failure III-IV FC NYHA. 132
N. Bylova, G.P. Arutyunov, L.I. Kafarskaya, N.A. Savelov, Y.A. Pokrovskii, Z.A. Chernaya (Moscow - RU)
- Beyond diastolic dysfunction: Diuretic requirements as a mortality predictor. 133
R. Baptista, E. Jorge, R. Teixeira, F. Saraiva, C. Lourenco, N. Antonio, P. Monteiro, L.A. Providencia (Coimbra - PT)
- Prognostic implications of diuretic dose in chronic heart failure. 134
P. Lourenco, J.P. Martins, J.P. Araujo, J. Mascarenhas, R. Lopes, A. Azevedo, P. Bettencourt (Porto - PT)
- Drug therapy, other.**
- The selective cardiac myosin activator, CK-1827452, increases systolic function in a concentration-dependent manner in patients with stable heart failure. 135
R. Senior, F. Malik, K.G. Saikali, J.H. Lee, J.H. Goldman, A.A. Wolff (Harrow - GB, South San Francisco, Warrington - US)
- Longterm effect of aspirin on mortality in patients with heart failure: a non-experimental study. 136
F.H. Rutten, N.P.A. Zuithoff, A.W. Hoes (Utrecht - NL)
- Eplerenone favourably alters collagen metabolism in diastolic heart failure. 137
G. Mak, M. Ledwidge, N. Murphy, D. Phelan, I. Dawkins, C. Watson, J. Baugh, K. McDonald (Dublin - IE)
- The effect of aerobic versus resistance exercise training on cardiac power output and selected cardio-respiratory variables in patients with stable CHF. 138
D. Jakovljevic, G. Donovan, D. Nunan, S. McDonagh, R. Grocott-Mason, D.A. Brodie (Buckinghamshire, London - GB)
- Stroke prevention on nonvalvular atrial fibrillation: consensual threshold to anticoagulation is needed. 139
H. Dores, R. Cardiga, R. Ferreira, I. Araujo, F. Marques, A. Leitao, C. Fonseca, F. Ceia (Lisbon - PT)
- Trimetazidine, a metabolic modulator, preserves renal function in heart failure patients with coronary artery disease: a pilot study. 140
P. Di Naples, A.A. Taccardi, A. Barsotti (Chieti, Genoa - IT)
- The safety of intravenous (IV) ferric carboxymaltose versus IV iron sucrose in patients with chronic heart failure (CHF) and chronic kidney disease (CKD) with iron deficiency (ID). 141
G.P. Arutyunov, N.A. Bylova, A.Y. Ileva, Z.D. Kobalava (Moscow - RU)
- Changes in pharmacologic therapy after an hospitalization for acute decompensate heart failure according to clinical profiles. 142
G.M.T. Fabbri, A. Amato, D. Lucci, A.P. Maggioni, L. Tedesco, S. Valente, L. Tavazzi (Battipaglia, Cotignola, Florence, Polistena - IT)
- Is management of heart failure at hospital discharge differentiated according to the ejection fraction? Lessons from the DEVENIR study. 143
A. Cohen-Solal, P. Assayag, P. Poncelet, P.L. Prost, J.F. Thebaut, I. Leurs, C. Contre (Paris, Rungis, Sarcelles - FR)

- Intravenous GP531, an adenosine regulating agent, improves left ventricular function in dogs with chronic advanced heart failure. 144
H.N. Sabbah, M. Wang, I. Ilisar, A. Jiang, M.S. Sabbah, R.C. Gupta (Detroit - US)
- Adaptive servo ventilation restores cardiac dysfunction in heart failure patients with cheyne-stokes respiration. 145
A. Yoshihisa, T. Sato, H. Suzuki, S. Saito, T. Ishibashi, Y. Takeishi (Fukushima - JP)
- Therapeutic management of heart failure by french outhospital cardiologists is in line with ESH guidelines. 146
J.F. Thebaut, P. Assyag, C. Contre, M. Guenoun, I. Leurs, P. Poncelet, P.L. Prost, A. Cohen-Solal (Paris, Plan De Cuques, Rungis, Sarcelles - FR)
- Heart Failure management in ambulatory care: what happens beyond hospital discharge? Results from the DEVENIR study. 147
P. Assyag, P. Clerson, C. Contre, M. Guenoun, I. Leurs, P. Poncelet, J.F. Thebaut, A. Cohen-Solal (Beauvais, Paris, Plan De Cuques, Rungis, Sarcelles - FR)
- First experience of extracorporeal shock wave therapy in patients with ischaemic heart failure. 148
A.B. Hadzegova, E. Shkolnik, M.V. Kopeleva, O.V. Krikunova, E.N. Yuschuk, Y.A. Vasyuk (Moscow - RU)
- Echocardiographic detection of increases in ejection fraction in patients with heart failure receiving the selective cardiac myosin activator, CK-1827452. 149
J.H. Goldman, J.R. Teerlink, K.G. Saikali, F. Malik, A.A. Wolff (San Francisco, South San Francisco, Warrington - US)
- Tolerance of levosimendan therapy in patients with acute myocardial infarction complicated by cardiogenic shock. 150
E. Tsagalou, G. Alexopoulos, J. Terrovitis, S. Drakos, N. Diakos, H. Pozios, K. Antypas, J. Nanas (Athens - GR)
- Age related utilization of recommended therapy for heart failure. 151
G.M.T. Fabbri, S. Costa, D. Covini, D. Lucci, A.P. Maggioni, V. Neri, L. Tavazzi (Florence, Genova-Sestri Ponente, Codogno, Carpi, Cotignola - IT)
- Effect of BG9928, a potent adenosine A1 Receptor antagonist, on cardiac conduction in healthy subjects. 152
A. Deykin, N. Martin Lunde, A. Natarajan, S. Stecher, Z. Li, B. Ticho (Cambridge, Brooklyn - US)
- Point-of-care testing and computerised decision support for anticoagulation management: a reliable and practical method. 153
F. Marques, S. Quintao, C. Bastos, I. Araujo, A. Leitao, M.C. Fonseca (Lisbon - PT)
- Treating patients with heart failure and elevated heart rates with Ivabradine is not cost effective. 154
H. Seetha Rammohan, G.J. Wynn, N. Jakka, N.M. Hawkins, M.I. Burgess (Liverpool - GB)
- Treatment of elderly patients with heart failure with preserved systolic function: influence of beta-blocker on endothelial function and albuminuria. 155
O.V. Soya, O.V. Kuryata (Dnipropetrovsk - UA)

- Effect of angiotensin-II receptor blocker in combination with aldosterone antagonist spiro-nolactone on diastolic function in patients with chronic heart failure and relatively normal LV ejection frac. 156
A.G. Ovchinnikov, O.N. Swirida, Z.N. Blankova, E.S. Goubirina, F.T. Ageev (Moscow - RU)
- Anthracycline therapy induces very early increase in QT dispersion and QTc prolongation. 157
R. Pudil, J.M. Horacek, J. Horackova, J. Vojacek, L. Jebavy, M. Jakl (Hradec Kralove - CZ)
- Dose non adherence to standardized heart failure treatment guidelines has any effect on hospital admission and mortality. 158
A.E.A. Suliman, D.A.N. O'gorman (Naas - IE)
- Increase in serum bilirubin and reduced survival in ambulatory patients with advanced systolic heart failure. 159
S. Khan, G. Filippatos, M. Gheorghiade, B. Pitt, F. Zannad, S. Anker, B. Liu, A. Ahmed (Ann Arbor, Birmingham, Chicago - US, Athens - GR, Nancy - FR, Berlin - DE)
- Ivabradine in the treatment of stable angina early after myocardial infarction. 160
Y.A. Vasyuk, E. Shkolnik, E.V. Lebedev (Moscow - RU)
- Influence of angiotensin-converting enzyme inhibitor therapy on aortal pulse wave velocity in patients with chronic heart failure. 161
N.A. Kosheleva, N.A. Kosheleva, A.P. Rebrov (Saratov - RU)
- Oral L-arginine or citrulline improves endothelial-dependent vasodilation in patient with diastolic dysfunction and right-sided chronic heart failure. 162
J.J. Orozco-Gutierrez, L. Castillo Martinez, A. Orea-Tejeda, O. Vazquez-Diaz, R. Silva-Tinoco, R. Martinez-Memije, O. Infante Vazquez, R. Narvaez (Mexico - MX)
- Oral administration of L-arginine or citrulline improves pulmonary and systemic hemodynamic in diastolic dysfunction and right-sided chronic heart failure. 163
A. Orea-Tejeda, J.J. Orozco Gutierrez, L. Castillo Martinez, O. Vazquez Diaz, R. Silva-Tinoco, R. Martinez Memije, O. Infante Vazquez, V. Rebollar (Mexico - MX)
- Parenteral iron treatment improves quality of life in heart failure patients. 164
P.R. Hildebrandt, N.E. Bruun, O.W. Nielsen, E. Pantev, F. Shiva, L. Videbaek, G. Wikstrom (Copenhagen, Glostrup, Hellerup, Odense - DK, Helsingborg, Karlstad, Uppsala - SE)
- Unexpected effect of the ACE-I on left ventricular hypertrophy after aortic valve replacement in pts with aortic stenosis. 165
E.H. Orlowska-Baranowska, E. Abramczuk, L. Greszata, H. Heretyk, R. Baranowski, J. Stepinska (Warsaw - PL)
- Combination renin-angiotension-aldosterone inhibition in heart failure: comparing RCTS with real life practice. 166
G.J. Wynn, H. Seetha Rammohan, N.M. Hawkins, E.A. Rodrigues (Liverpool - GB)
- Low dose of atorvastatin decreases inflammatory process in patients with chronic and acute pump failure. 167
D. Tousoulis, C. Antoniadis, N. Papageorgiou, K. Marinou, A. Antonopoulos, C. Bakogiannis, E. Stefanadi, C. Stefanadis (Athens - GR)
- In patients with advanced heart failure, outpatient infusion therapy may lower the length of hospitalization and decrease the cost. 168
K. Nishi, Y. Sato, T. Miyamoto, R. Taniguchi, R. Fukuhara, T. Fujiwara, H. Fujiwara, Y. Takatsu (Amagasaki, Kyoto - JP)

- Effects of levosimendan on right ventricular systolic and diastolic functions in patients with advanced heart failure: a radionuclide ventriculographic study. 169
Y. Cavusoglu, E. Entok, A. Beyaztas, C. Demirustu, I. Uslu, M. Tek, A. Birdane, N. Ata (Eskisehir - TR)
- Cost-effectiveness of Levosimendan in patients with Acute Heart Failure. 170
M. Mancone, A. D' Ambrosi, C. Caira, N. Bruno, B. Brasolin, F. Fedele (Rome - IT)
- Levosimendan in patients with acute heart failure: cost minimization analysis. 171
M. Mancone, A. D' Ambrosi, C. Caira, N. Bruno, B. Brasolin, F. Fedele (Rome - IT)
- A comparative evaluation of two point-of-care INR tests to a laboratory reference standard-Implications for clinical practice. 172
M.C. Fonseca, F. Marques, S. Quintao, C. Bastos, I. Araujo, A. Leitao (Lisbon - PT)
- Could statins improve spontaneous baroreflex sensitivity in patients with advanced cardiac failure? 173
J. Stasko, D. Celovska, A. Diab, J. Kmec, J. Gonsorcik (Presov, Kosice - SK)
- Phase II safety study evaluating the novel cardiac myosin activator, CK-1827452, in patients with ischemic cardiomyopathy and angina. 174
B. Greenberg, W. Chou, R. Escandon, J. Lee, K. Saikali, F. Malik, A. Wolff, T. Shaburishvili (San Diego, South San Francisco - US, Tbilisi - GE)
- Short term simvastatin therapy results in improvement of exercise tolerance, quality of life, ejection fraction and brain natriuretic peptide level in ischemic heart failure patients. 175
N. Kechedjieva, S. Tatenkulova, A. Sichev, Y. Osmolovskaya, V. Mareev, O. Narusov (Moscow - RU)
- Outpatients repeated infusion of Levosimendan in end stage chronic heart failure: Efficacy and safety. 176
G. Bartesaghi, F. Morandi, L. Gaiara, S. Longoni, A. Pozzi, JA. Salerno-Uriarte (Varese - IT)
- Effects of levosimendan on functional and neurohormonal status in patients with advanced heart failure. 177
A.N. Kitsiou, P. Kelepouris, K. Lymperopoulou, K. Giannakopoulos, G. Papadimitriou, M. Seferou, E. Antoniou, S. Karas (Athens - GR)
- The benefits of long-term atorvastatin treatment in patients with congestive heart failure. 178
S.H. Chumburidze, N. Kipshidze, G. Shelia (Tbilisi - GE)
- Effects of sertraline on depressive symptomatology and exercise capacity in chronic heart failure patients with depression. 179
M. Nikolaou, J.T. Parissis, C. Michalakeas, A. Douzenis, V. Bistola, G. Filippatos, E. Lykouras, D. Kremastinos (Athens - GR)

Heart transplantation.

- The efficacy and tolerability of ezetimibe in cardiac transplant recipients taking cyclosporin. 180
S.M. Shaw, P. Chaggar, J. Ritchie, M.K.H. Shah, C. Pius, J.E. Fildes, N. Yonan, S.G. Williams (Manchester - GB)
- Long term follow up of percutaneous coronary interventions in heart transplant recipients. 181
D. Admon, I. Gotsman, B. Varshitsky, D. Zwas, M. Potekhin, D. Gilon, C. Lotan, A. Keren (Jerusalem - IL)

Long-term VAD mechanical support as bridge to heart transplantation. A. Loforte, F. Ranocchi, A. Montalto, G. Casali, G. Luzi, P. Lilla Della Monica, F. Sbaraglia, F. Musumeci (Rome - IT)	182
General and specific markers of inflammation are associated with advanced cardiac allograft vasculopathy and an increased necrotic core component determined by virtual histology analysis. S. Arora, A. Gunther, P.L. Aukrust, I. Hoel, E. Gude, A. Andreassen, O. Geiran, L. Gullestad (Oslo - NO)	183
Immune cell function testing during rejection and infection in heart transplant recipients. T. Ben Gal, M. Israeli, V. Yaari, B. Medallion, A. Yussim, B. Sredni, T. Klein, A. Battler (Ramat Gan, Petah Tikva, - IL)	184
NT-proBNP assay may preclude the need for routine endomyocardial biopsy to detect cardiac allograft rejection, but not early after transplantation. C.M. Tavares Aguiar, M.J. Rebocho, M. Marques, M. Abecasis, J. Neves, R. Gouveia, J.M. Figueira, J.Q. Melo (Carnaxide - PT)	185
ST2 levels and acute rejection after heart transplantation. D.A. Pascual Figal, J. Sanchez-Mas, R. Blanco, M.D. Martinez, I. Garrido, J. Ordonez, A. Bayes-Genis, M. Valdes (Barcelona, Murcia - ES)	186
Is a real increase of cholesterol and triglycerides levels an adverse effect of sirolimus therapy in late heart transplant patients with chronic renal dysfunction? P. Hude, L. Spinarova, J. Krejci, H. Poloczko, E. Ozabalova, P. Nemec, J. Ondrasek (Brno - CZ)	187
NT-proBNP, troponin T and C-reactive protein as prognostic predictors in patients after heart transplantation. D. Milicic, J. Ljubic, B. Skoric, D. Jelasic, J. Samardzic, I. Gornik (Zagreb - HR)	188
Evaluation of hemodynamic and echocardiographic parameters as prognostic factors in DCM patients. W. Jachec, C. Wojciechowska, A. Gala, E. Nowalany-Kozielecka, A.R. Tomasik, J. Wodniecki (Zabrze - PL)	189
Impact of an anti-alcohol abuse law in cardiac transplantation in Sao Paulo state - Brazil. G.E.C.S. Souza, A.I. Fiorelli, R.H. Santos, J.L. Oliveira-Junior, V.S. Issa, S.M.A. Ferreira, L. Pereira, E.A. Bocchi (Sao Paulo - BR)	190
Early death frequency and risk factors in cardiac transplant recipients. C. Falletta, C. Mina, G. Santise, S. Sciacca, G. D'ancona, M. Pilato, F. Clemenza (Palermo - IT)	191
Use of everolimus and sirolimus after heart transplantation: «de novo» in pediatric and adolescent age. G. Grutter, F. Calo' Carducci, S. Volpe, U. Giordano, G. Michielon, F. Parisi (Rome - IT)	192
Renin-angiotensin-aldosterone antagonists.	
Chronic heart failure patients with high collagen type I metabolism levels benefit more with ACE-inhibitor therapy. S. Chatzikyriakou, D.N. Tziakas, G. Chalikias, D. Stakos, A. Thomaidi, S. Manousakis, H. Boudoulas (Alexandroupolis, Athens - GR)	193

- Ramipril in treatment of diastolic dysfunction associated with metabolic syndrome. 194
O. Drapkina, Y.I. Ashikhmin, V.T. Ivashkin (Moscow - RU)
- Use of eplerenone in post acute coronary syndrome heart failure patients in a large university hospital in north-west of England: Are we following the evidence? 195
T. Ali, A. Ali, H. Seetha Rammohan, C. Pearman, G. Davis (Liverpool - GB)
- Aliskiren in complex therapy of CHF IIHV FC: changes in kidney function. 196
A.L. Volkova, G.P. Arutyunov, N. Bylova (Moscow - RU)
- Is spironolactone therapy feasible in heart failure patients with chronic renal failure? 197
R. Lopes, P. Lourenco, J. Mascarenhas, A. Azevedo, P. Bettencourt (Porto - PT)
- The influence of combined using of Enalapril and Candesartan on endothelium function in patients with decompensate chronic pulmonary heart. 198
E.M. Neyko, N.M. Seredyuk, L.V. Glushko, V. Seredyuk, I.P. Vakalyuk, S. Fedorov (Ivano-Frankivsk - UA)
- Surgery.**
- Diastolic versus systolic left ventricular dysfunction as independent predictors for unfavourable postoperative evolution in patients undergoing aortic valve replacement. 199
L. Iliuta, D. Filipescu, H. Moldovan, B. Radulescu, R. Vasile (Bucharest - RO)
- 6 Months Follow-Up after Surgical Ventricular Restoration: Hemodynamic Analysis by Pressure-Volume Loops. 200
E.A. Ten Brinke, R.J.M. Klautz, S.A. Tulner, H.F. Verwey, M.J. Schalij, E.E. Van Der Wall, R.A.E. Dion, P. Steendijk (Leiden - NL)
- Diastolic function after left ventricular reconstruction by CMR - the role of left atrial volume. 201
C. Alexandrescu, F. Civaia, L. Iacuzio, R. Trifanescu, V. Dor (Monte- Carlo - MC, Bucharest - RO)
- Surgical therapy for dilated cardiomyopathy due to infero-posterior myocardial infarction: Same as for anterior infarction? 202
M.D.D. Marisa Di Donato, S.C. Serenella Castelvechchio, V.M. Vincenzo Montericchio, L.M. Lorenzo Menicanti (San Donato Milanese - IT)
- Left sympathetic blockade by endoscopic clipping: a novel surgical treatment for systolic heart failure? 203
G.E.C.S. Souza, P.M. Pego-Fernandes, L.F.P. Moreira, M.L.C. Vieira, G.V. Guimaraes, F. Bacal, P.R. Chizzola, E.A. Bocchi (Sao Paulo - BR)
- NT-pro-BNP is an important predictor of major morbidity following surgical ventricular restoration. 204
A. Ballotta, A. Kunkl, F. Bettini, S. Castelvechchio, L. Menicanti, A. Frigiola, E. Bossone, M. Ranucci (Milan, Salerno - IT)
- Quality of life in patients after surgical correction of postinfarction aneurisms of left ventricular in patients with chronic heart failure. 205
R.S. Ovchinnikov, A.S. Shatskii, M.D. Alishibaya (Moscow - RU)
- Outcomes after aortic valve replacement in patients with severe aortic regurgitation and significantly reduced left ventricular ejection fraction. 206
A. Sionis, M.A. Castel, A. Garcia, M. Cordero, F. Perez-Villa, M. Josa, E. Roig (Barcelona - ES)

Prognosis.

- Circulating oestradiol and mortality in men with systolic chronic heart failure. 207
E.A. Jankowska, P. Rozentryt, B. Ponikowska, J. Nowak, L. Polonski, W. Banasiak, P.A. Poole-Wilson, P. Ponikowski (Wroclaw, Zabrze - PL, London - GB)
- High Prevalence and Adverse Prognosis of COPD in Patients with Suspected Heart Failure. 208
C.H.R. Lewinter (Cottingham, Hull - GB)
- Red Cell Distribution Width is independent of plasma N-Terminal pro-Brain Natriuretic Peptide as a prognostic marker for heart failure. 209
Y. Al-Najjar, K.M. Goode, A.L. Clark (Hull - GB)
- Killip class on admission beats ejection fraction as a powerful predictor of heart failure following acute coronary syndromes in diabetic patients. 210
C. Negrier, R. Teixeira, N. Antonio, E. Jorge, R. Baptista, P. Monteiro, L. Goncalves, L.A. Providencia (Coimbra - PT)
- Raised plasma renin activity: the independent neurohumoral factor predicting death in patients with heart failure. 211
J. Gajek, D. Zysko, W. Rubin, W. Mazurek (Wroclaw - PL)
- Hemoglobin concentrations as short term prognostic factor in acute coronary syndromes. 212
C. Portillo Requena, A. Garrido Servant, V. Bertomeu Gonzalez, S. Guillen Garcia, R. Lopez Palop, P. Wikman, V. Bertomeu Martinez, F. Colomina Climent (San Juan De Alicante - ES)
- Better Together: lessons learned from a pilot palliative care service. 213
J.F. Pattenden, R.J.P. Lewin (York - GB)
- Independent role of hypothyroidism in predicting heart failure progression in patients with amiodarone therapy. 214
R. Catanzaro, A. Puzzovivo, M. Iacoviello, P. Guida, M. Cicala, A. Grimaldi, C. Forleo, S. Favale (Bari - IT)
- Improvements in survival are independently linked to optimised beta blocker therapy and lower achieved heart rates in heart failure patients in sinus rhythm. 215
D. Cullington, K.M. Goode, T.K. Bragadeesh, A.A. Tageldien, A.L. Clark, J.G.F. Cleland (Kingston-Upon-Hull - GB)
- Renal function and outcomes in heart failure: admission values and in-hospital variations that most optimally define short and intermediate term mortality. 216
G. Giamouzis, A.P. Kalogeropoulos, V.V. Georgiopolou, S.A. Agha, D. Bhatt, A.L. Smith, F. Triposkiadis, J. Butler (Atlanta, Georgia - US, Larissa - GR)
- Prognosis of Chagas' cardiomyopathy versus non-Chagas' cardiomyopathy in beta-blockers era: 12 month follow-up. 217
G.E.C.S. Souza, L.M.M. Pessoa-De-Melo, L.R. Valim, D.S. Oliveira, V.S. Issa, S.M.A. Ferreira, P.R. Chizzola, E.A. Bocchi (Sao Paulo - BR)
- Pulmonary hypertension and prognosis of heart failure. 218
T. Damy, K. Goode, C. Lewinter, N. Nikitin, A. Bennet, L. Hittinger, A. Clark, J.G.F. Cleland (Hull - GB, Creteil - FR)
- Prognostic impact of matrix metalloproteinases in patients with acute heart failure. 219
A. Shirakabe, K. Asai, N. Hata, S. Yokoyama, T. Shinada, Y. Suzuki, N. Kobayashi, K. Mizuno (Chiba Hokusoh, Tokyo - JP)

08:30 - 12:30

CLINICAL POSTER SESSION I

Clinical Poster Area
Level 2 & 3

- The prognostic significance of late potentials in predicting left ventricular remodeling following myocardial infarction. 220
G. Kazianis, C. Kyriacou, G. Avgeropoulos, A. Gournizakis (Athens - GR)
- Gonadal and adrenal androgen deficiencies predict increased cardiovascular mortality in diabetic men with stable coronary artery disease irrespectively of systolic dysfunction. 221
B. Ponikowska, J. Maj, K. Węgrzynowska-Teodorczyk, B. Krakowiak, L. Borodulin-Nadzieja, W. Banasiak, E.A. Jankowska, P. Ponikowski (Wrocław - PL)
- Low concentration of ANP in patients in IV NYHA functional class predicts short survival. 222
J. Gajek, D. Zysko, W. Rubin, W. Mazurek (Wrocław - PL)
- Prediction of short-term survival using repeated NT-proBNP measurements for patients with heart failure: An analysis of the Trans-European Network-Home-Care Management System (TEN-HMS) Study. 223
J. Zhang, K.M. Goode, A.S. Rigby, A. Torabi, A.H. Balk, J.G.F. Cleland (Hull - GB)
- Early cardiovascular death in idiopathic dilated cardiomyopathy on optimal medical treatment: prevalence and predictive factors. 224
M. Merlo, S. Pyxaras, G. Barbati, B. Pinamonti, M. Zecchin, R. Bussani, A. Di Lenarda, G. Sinagra (Trieste - IT)
- Prognostic factors in patients with CHF and CKD. 225
T. Sato, T. Niizeki, I. Kubota, Y. Takeishi (Fukushima, Yamagata - JP)
- Renal function and long-term survival after hospital discharge in heart failure with preserved ejection fraction. 226
O. Buiciuc, D. Rusinaru, D. Houpe, C. Tribouilloy (Amiens - FR)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Basic Science Poster Area
Level 2

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30. The presenter should be present throughout the coffee break (10:00 to 11:00) in order to discuss the poster.

Arrhythmias and treatment.

- Diazoxide-induced protection against ischaemia-induced arrhythmias in the rat heart is not mediated by PI3K/Akt activity. 227
J. Matejikova, D. Pancza, J. Neckar, F. Kolar, S. Carnicka, T. Ravingerova
(Bratislava - SK, Prague - CZ)
- Aged male and female spontaneously hypertensive rats benefit from omega-3 fatty acids supplementation. 228
N. Tribulova, M. Mitasikova, J. Radosinska, K. Dlugosova, L. Okruhlicova, V. Knezl, P. Weismann, J. Slezak (Bratislava - SK)
- Beneficial effects of urocortin 2 on left ventricular function and ventricular fibrillation threshold in failing rat hearts. 229
S. Meili-Butz, D. John, P. Buser, M. Pfisterer, W.W. Vale, K.L. Peterson, M. Brink, T. Dieterle
(Basel - CH, La Jolla - US)
- Optimizing CPVT therapy in calsequestrin-mutant mice. 230
M. Arad, G. Katz, E. Kurtzswald, E. Hochhauser, Y. Chepurko, E. Porat, J.G. Seidman, M. Eldar (Petach Tikva, Ramat Gan - IL, Boston - US)
- Exercise training improves cardiac function of calsequestrin deficient mice suffering from Catecholamine dependent Polymorphic Ventricular Tachycardia (CPVT). 231
E. Hochhauser, E. Kurtzswald, G. Katz, Y. Chepurko, J.G. Seidman, M. Eldar, E. Porat, M. Arad (Petach Tikva, Ramat Gan - IL, Boston - US)
- Activation of TRPC channels participates in the induction of ventricular arrhythmias in a mouse model of congestive heart failure. 232
M. Hirose, Y. Takeishi, T. Niizeki, M. Horiuchi-Hirose, T. Nakada, I. Kubota, M. Ulrike, M. Yamada (Fukushima, Matsumoto, Yamagata - JP, Providence - US)
- SAP97 is a new molecular linker and regulator of Kv4 channels and CaMKII complex in cardiac myocytes. 233
S. El-Haou, E. Balse, N. Neyroud, G. Dilanian, A. Coulombe, H. Abriel, A. Jeromin, S. Hatem
(Paris - FR, Lausanne - CH, Seattle - US)
- Heart failure causes severe alterations of the structural and electrical properties of atrial myocardium in mice despite minor cellular abnormalities. 234
G. Moubarak, J.A. Flanders, E. Marijon, S. El-Haou, N. Mougnot, E. Balse, A. Coulombe, S. Hatem (Paris - FR, Ithaca - US)
- Effects of anandamide and 2-arachidonoylglycerol (2-AG) on ischaemia-induced ventricular fibrillation in the isolated rat heart. 235
E. Andrag, A.C. Rickard, M.J. Curtis (London - GB)
- Concentration-dependence of effects of aldosterone on ischaemia-induced ventricular fibrillation in rat isolated perfused hearts. 236
A. Rickard, E. Andrag, M.J. Curtis (London - GB)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Basic Science Poster Area
Level 2

- Variants of SCN5A gene and severe arrhythmias. 237
A. Vasku, M. Raudenska, T. Novotny, D. Svobodova, J. Spinar (Brno - CZ)

Beta blockers.

- The effect of beta-adrenergic blocker propranolol on dynamic characteristics of vascular tone in normo- and hypertensive rats. 239
D. Sonin, M.M. Galagoudza, A.V. Syrensky (Saint Petersburg - RU)
The role of nitric oxide in the mechanism of beta-blocker propranolol effect on dynamic characteristics of vascular tone in normo- and hypertensive rats. 240
M.M. Galagoudza, D.L. Sonin, A.V. Syrensky (Saint Petersburg - RU)
The effects of Carvedilol on substrate metabolism in C2C12 Cells. 241
A. Besikci, E. Suzmecelik, A.M. Irat, A.T. Ozcelikay (Ankara - TR)

Devices / Artificial heart / CRT / ICD.

- Effect of adjustable passive constraint on the failing Left Ventricle: A finite element model study. 242
C.-S. Jhun, K. Sun, H.N. Sabbah, M.B. Ratcliffe, J.M. Guccione (Detroit, San Francisco - US)
Effect of the Acorn CorCap cardiac support device on ventricular wall stress and pump function in failing heart: A finite element modeling study. 243
C.-S. Jhun, N. Gundiah, K. Sun, H.N. Sabbah, M.B. Ratcliffe, J.M. Guccione (Detroit, San Francisco - US)
Implantation of polymer materials into the globally failing left ventricle reduces pathologic wall stresses - a finite element model study. 244
S. Wall, R.C. Peterson, H.N. Sabbah, J.M. Guccione (Detroit, Laguna Hills, San Francisco - US)

Drug therapy, other.

- Use of alginate beads for intrapericardial drug delivery and their MRI visualization: cryoinjury infarction in pig hearts in vivo. 245
V. Kupriyanov, Y. Yang, M.L. Gruwel, P. Gervai, J. Sun, O. Jilkina, E. Gussakovsky (Winnipeg - CA)
Effect of therapy with purine (adenosine) receptors activator in patients with heart failure. 246
I. Knyazkova, A. Bilovol, A. Tsygankov (Kharkov - UA)
Short-term heart rate reduction induced by ivabradine administered to rats with well-established heart failure improves cardiac function, augments neo-angiogenesis and reduces myocardial hypoxia. 247
P. Mulder, F. Bauer, Y. Fang, E. Brakenhielm, F. Lallemand, P. Gluais, J. Roussel, C. Thuillez (Rouen, Courbevoie - FR)
Hydralazine in heart failure: effects beyond arterio-vasodilatation. 248
J.P. Rocchiccioli, C.A. Hamilton, J.R. Dalzell, G. Berg, C. Delles, A.F. Dominiczak, J.J.V. McMurray (Glasgow - GB)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Basic Science Poster Area
Level 2

Apoptotic cell death in dexrazoxane-afforded protection against chronic anthracycline cardiotoxicity in vivo. 249

O. Popelova, M. Sterba, P. Haskova, E. Jirkovsky, Y. Mazurova, T. Simunek, M. Adamcova, V. Gersl (Hradec Kralove - CZ)

A Histone deacetylase inhibitory prodrug attenuates doxorubicin-cardiotoxicity while augmenting doxorubicin anticancer activity. 250

G. Kessler-Icekson, N. Tarasenko, A. Nudelman, H. Schlesinger, A. Rephaeli (Petach Tikva, Ramat Gan - IL)

The xanthine oxidase inhibitors oxypurinol and allopurinol reduce wasting and improve cardiac function in experimental cancer cachexia. 251

J. Springer, A. Hartmann, S. Palus, V. Adams, R. Von Harsdorf, S.D. Anker, W. Doehner (Berlin, Leipzig - DE, Toronto - CA)

The effect of doxycycline in doxorubicin-induced heart failure in mice. 252

A. Szunyog, P. Bencsik, T. Csont, P. Ferdinandy (Szeged - HU)

Renin-angiotensin-aldosterone antagonists.

Effect of acute and chronic zofenopril administration on cardiac calcium homeostasis. 253

S. Frascarelli, V. Carnicelli, S. Ghelardoni, G. Chiellini, S. Ronca-Testoni, R. Zucchi (Pisa - IT)

Cardioprotective effects of ARAs upon acute hemodynamic overload during ischaemia. 254

R. Fontes-Carvalho, R. Ladeiras-Lopes, M. Pintalhao, R. Ferreira, A.L. Pires, P. Castro-Chaves, A. Leite-Moreira (Porto - PT)

Surgery.

Differential anti-apoptotic effects of beta-blocker on post-infarcted myocardium during cardioplegia-induced I/R injury. 255

C.H. Yeh, T.P. Chen, Y.C. Wang, S.W. Fang, Y.M. Lin (Keelung, Taoyuan - TW)

Cardioplegia by Polarised Arrest: Experimental studies with potential for clinical application. 256

A.J. Chambers, H. Fallouh, J.C. Kentish, D.J. Chambers (London - GB)

Metabolism / Ischaemia / Reperfusion / Preconditioning.

Non-genomic cardioprotective effects of mineralocorticoid receptor antagonists at reperfusion. 257

T. Krieg, K. Schmidt, R. Tissier, S.B. Felix (Greifswald - DE, Maison-Alford - FR)

Activation of the ERK1/2 signalling pathway mediates erythropoietin-induced cardioprotection: a comparison with ischaemic postconditioning. 258

S. Tamarelle, N. Ghaboura, F. Treguer, D. Khachman, D. Henrion, A. Furber, F. Prunier (Angers - FR)

Cardioprotective effects of osmotic preconditioning in the rat heart: Relevance to enhanced ischaemic tolerance in the diabetic myocardium. 259

T. Ravingerova, J. Galcikova, J. Matejikova, D. Pancza, S. Carnicka, V. Strbak (Bratislava - SK)

Effects of Acetyl-L-carnitine against ischaemia/reperfusion induced cardiac arrhythmias in isolated rat heart. 260

S. Ghaffary, E. Shaseb, M. Najafi (Tabriz - IR)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Basic Science Poster Area
Level 2

The effect of preconditioning and exogenous peroxynitrite on the generation of nitric oxide, superoxide and peroxynitrite in anaesthetised dogs. 261

A. Kiss, L. Juhasz, K. Kupai, G.Y. Seprenyi, J. Kaszaki, I. Vegh (Szeged - HU)

Cardioprotective effects of ischaemic preconditioning and cyclophilin D knockout are additive. 262

A. Carpi, R. Menabo, E. Basso, P. Bernardi, F. Di Lisa (Padova - IT)

Proteomic analysis of coronary effluent in a model of acute myocardial infarction: Use for biomarker discovery. 263

S. Jacquet, X. Yin, S. Sicard, M. Mayr, M.S. Marber (London - GB)

Prevention of heart failure by preservation of the fatty acid metabolism. 264

A. Baartscheer, H.M. Den Ruijter (Amsterdam - NL)

Animal models and experimentation.

Estrogen receptor beta slows the progression from cardiac hypertrophy to heart failure in a sex-dependent manner. 265

D. Fliegner, C. Schubert, A. Penkalla, C. Westphal, U. Kintscher, H. Witt, J.-A. Gustafsson, V. Regitz-Zagrosek (Berlin - DE, Stockholm - SE)

Direct intramyocardial injections of alginate hydrogel improves left ventricular function and prevents progressive remodelling in dogs with chronic heart failure. 266

H.N. Sabbah, M. Wang, A. Jiang, I. Ihsar, N. Tarazona, R. Lee (Detroit, Laguna Hills, San Francisco - US)

The role of betablockade on experimental Chagasic cardiomyopathy: morpho-functional evaluation. 267

W. Pimentel, F. Ramires, V. Salemi, B. Ianni, D. Martins, A. Bilate, E. Cunha-Neto, C. Mady (Sao Paulo - BR)

Action potential duration restitution in a rat model of right ventricular failure induced by pulmonary artery hypertension. 268

D. Benoist, O. Bernus, E. White (Leeds - GB)

Transcriptional switch from angiotensin converting enzyme to angiotensin 2-converting enzyme during development from acute to chronic cardiac hypertrophy in aortic constricted rats. 269

U. Hellman, S. Morner, A. Engstrom-Laurent, P. Oliviero, J.-L. Samuel, A. Waldenstrom (Umea - SE, Paris - FR)

Dietary red palm oil supplementation decreases myocardial infarct size in cholesterol-fed rats. 270

G. Szucs, D.J. Bester, K. Kupai, J. Van Rooyen, A.J. Esterhuyse, C. Csonka, T. Csont, P. Ferdinandy (Szeged - HU, Cape Town - ZA)

Red palm oil supplementation reduces infarct size in rat hearts: the role of matrix metalloproteinase-2. 271

K. Kupai, D.J. Bester, G. Szucs, J. Rooyen, A.J. Esterhuyse, C. Csonka, T. Csont, P. Ferdinandy (Szeged - HU, Cape Town - ZA)

EGR-1 inhibition by DNase reduces infarct size in the diabetic rat heart with myocardial ischaemia-reperfusion injury. 272

V. Benson, A. McMahon, L. Khachigian, H. Lowe (Sydney - AU)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Basic Science Poster Area
Level 2

- Non-invasive quantification of myocardial fibrosis in diabetic mice by T2 time measurement using in-vivo high-resolution MRI. 273
S.S. Bun, F. Kober, L. Espinosa, A. Jacquier, J. Kalifa, J.C. Deharo, P.J. Cozzone, M. Bernard (Marseille - FR)
- The effect of Intraaortic Balloon Pump Counterpulsation on left ventricular mechanoenergetics, 274
in acute heart failure.
K. Malliaras, J. Terrovitis, H. Pozios, S. Marinakis, M. Vavouris, N. Diakos, E. Tseliou, J. Nanas (Athens - GR)
- Echocardiographic assessment of right and left ventricles in rats subjected to extreme chronic intermittent hypoxia. 275
F. Papousek, J. Neckar, B. Ostadal, F. Kolar (Prague - CZ)
- Isoproterenol-induced cardiac hypertrophy and failure is associated with impaired energy metabolism and an abnormal nitric oxide pathway. 276
M. Desrois, M. Cole, C. Lan, C. Dalmasso, F. Kober, P.J. Cozzone, K. Clarke, M. Bernard (Marseille - FR, Oxford - GB)
- Nebivolol prevents beta-3 adrenergic transcription increase and preserves cardiac and vascular function in acute ischaemic heart failure in rats. 277
N. Piriou, L. Audigane, T. Tran Quang, E. Lavazais-Blancou, J.N. Trochu, B. Rozec, C. Gauthier (Nantes - FR)
- Hypertension / LV hypertrophy.**
- Recombinant human ACE2 reverses pressure-overload induced heart failure and prevents Ang II-induced myocardial fibrosis and hypertrophy. 278
G. Oudit, J.C. Zhong, R. Basu, M. Schuster, H. Loibner, J.M. Penninger, Z. Kassiri (Edmonton - CA, Vienna - AT)
- Oxidative phosphorylation and membrane fluidity in mitochondria from hearts and kidneys of spontaneously hypertensive rats: effect of captopril. 279
J. Mujksova, M. Ferko, O. Ulicna, J. Fischerova, I. Waczulikova, T. Ravingerova, B. Ziegelhoffer, A. Ziegelhoffer (Bratislava - SK, Leipzig - DE)
- Developmental aspects of cardiac tolerance to oxygen deprivation in normotensive and hypertensive rats. 280
J. Besik, Z. Chvojikova, O. Szarszoi, I. Ostadalova, J. Pirk, J. Kunes, F. Kolar, B. Ostadal (Prague - CZ)
- MAO-A inhibition prevents neurohormonal-induced ROS-dependent adverse cardiac remodeling and pump failure in pressure overloaded hearts. 281
N. Kaludercic, E. Takimoto, T. Nagayama, J.C. Shih, K. Chen, D.A. Kass, F. Di Lisa, N. Paolocci (Baltimore, Los Angeles - US, Padova - IT)
- Contrasting in vivo roles of endothelial Nox2 and Nox4 NADPH oxidases. 282
C. Murdoch, R. Ray, S.P. Alom-Ruiz, M. Wang, M. Zhang, A. Brewer, A.M. Shah (London - GB)
- The arginine competition: eNOS deficiency and polyamine metabolism. 283
R. Schreckenber, S. Forst, S. Wenzel, K.D. Schluter (Giessen - DE)
- Female and male rat hearts are equally affected by chronic exogenous angiotensin II (ang II). 284
M.B. Aljabri, T. Lund, K. Ytrehus (Tromso - NO)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION I

Basic Science Poster Area
Level 2

Gender differences in the hypertrophic response to pressure overload: importance of fibrosis and implications on myocardial stiffness. 285

A.L. Pires, D. Moreira-Goncalves, C. Moura, V. Sequeira, L. Lopes-Conceicao, A.P. Fontes-Sousa, S. Pinho, A. Leite-Moreira (Porto - PT)

Increased gene expression diversity between female and male mice hearts after transverse aortic constriction (TAC). 286

T. Lund, M.B. Hals, R.H. Paulssen, K. Ytrehus (Tromsø - NO)

Myocardial phosphodiesterase expression is increased in patients with severe aortic stenosis and is associated with impaired functional and structural remodeling after aortic constriction in mice. 287

S. Vandewijngaert, P. Pokreisz, M. Pellens, H. Gillijns, X. Liu, P. Herijgers, K.D. Bloch, S. Janssens (Leuven - BE, Boston - US)

10:00 - 11:00

CASE PRESENTATION

Clinical Poster Area
Level 3

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

The following abstracts will be informally discussed during the coffee break between 10:00 - 11:00.

Moderator: To be announced

- Left ventricular noncompaction: the missed cause of dilated cardiomyopathy. 288
C.E. Correia, B. Rodrigues, L. Santos, P. Gama, C. Nascimento, O. Dionisio, C. Cabral, O. Santos (Viseu - PT)
- Reversible dilated cardiomyopathy associated with iron deficiency anemia. 289
K.-S. Hong, E.E. Kang, G.T. Park, D.H. Yun, S.J. Han (Chuncheon - KR)
- Anomalous origin of the left coronary artery in the department of pediatric cardiology in Martin. 290
A. Jurko (Martin - SK)
- Case Report - Cardiotoxicity from Anthracyclines: from diagnosis to follow up. 291
E. Greco, R. Greco, E. Santillo, C. Tricarico Rosano, P. Tricarico Rosano (Belvedere M.mo (CS), Milan - IT)
- Reversal of fixed severe pulmonary hypertension after peritoneal dialysis in stage D heart failure: A novel bridge to transplantation? 292
G.E.C.S. Souza, A. Cuvello-Neto, C.S. Bichir, L. Sacilotto, F.D. Cruz, P.R. Chizzola, G.V. Guimaraes, E.A. Bocchi (Sao Paulo - BR)
- Cardiac arrest in tako-tsubo cardiomyopathy: a rare complication of a benign entity. 293
S.M. Oliveira, T. Pinho, R. Rodrigues, P. Dias, M. Campelo, V. Araujo, M.J. Maciel (Porto - PT)
- Hodgkin's lymphoma presented by heart failure. 294
Z.M. Amirimoghadam (Tehran - IR)
- Can TDI-derived strain analysis predict myocardial fibrosis in hypertrophic cardiomyopathy? A report of two cases. 295
L. Halmay, C. Barnas, A. Kardos (Milton Keynes - GB)
- Left ventricular dyssynchrony and right bundle branch block in heart failure. 296
A. Al-Mulla, N. Giannetti, V. Nguyen (Montreal - CA)
- Increase in biventricularly paced heart rate acutely improves hemodynamics measured with an implantable hemodynamic monitor. 297
M. Stahlberg, R. Houben, P. Reuters, C. Linde, F. Braunschweig (Stockholm - SE, Maastricht - NL)
- Clinical predictors of disease-carrier state in familial DCM. 298
M. Arad, Y. Potashnik, G. Yoskovitz, E. Pras, M.S. Feinberg, M. Gramlich, L. Thierfelder, D. Freimark (Ramat Gan - IL, Berlin - DE)
- Effects of erythropoietin on the functional capacity of patients with severe heart failure without anemia or renal dysfunction. 299
D. Murninkas, O. Shpilberg, I. Ben Dor, D. Hasdai, A. Battler, S. Inbar, N. Zafir, T. Ben Gal (Petah Tikva - IL)
- Heart rate variability changes after heart transplantation. 300
A. Jurko Jr, I. Tonhajzerova, Z. Havlicekova (Martin - SK)

10:00 - 11:00

CASE PRESENTATION

Clinical Poster Area
Level 3

Improvement of cardiac output under aliskiren in combination with an ACE-Inhibitor in a case of severe heart failure. 301

B. Gremmler, J. Weiland, R. Schmidt, M. Kunert, L.J. Ulbricht (Bottrop, Witten - DE)

Levosimendan is not effective in reducing pulmonary pressures and improving clinical symptoms in patients with acutely decompensated idiopathic pulmonary arterial hypertension. 302

Y. Cavusoglu, A. Beyaztas, S. Beyaztas, M. Tek, A. Birdane, N. Ata (Eskisehir - TR)

14:00 - 18:00

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

These abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 15:30 - 16:00. Details on pages 30 and 31.

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00. The presenter should be present throughout the coffee break (15:30 to 16:30) in order to discuss the poster.

Cardiomyopathy.

- Cardiomyopathy in Emery-Dreifuss muscular dystrophy.** 404
M. Marchel, A. Madej, J. Kochanowski, P. Scislo, R. Piatkowski, K.J. Filipiak,
I. Hausmanowa-Petrusewicz, G. Opolski (Warsaw - PL)
- Atrial fibrillation is predicted by late gadolinium enhancement in hypertrophic cardiomyopathy patients.** 405
A. Garcia Honrubia, F. Marin, R. Soler, J. Gonzalez, G. De La Morena, V. Climent,
L. Monserrat, M. Valdes (A Coruna, Alicante, Elche, Murcia - ES)
- Tissue Doppler evaluation of the papillary muscle can assess the severity of functional mitral regurgitation in patients with ischaemic or idiopathic dilated cardiomyopathy.** 406
K. Papadopoulou, H. Karvounis, G. Giannakoulas, D. Parcharidou, I. Styliadis,
G. Parcharidis (Thessaloniki - GR)
- The role of speckle tracking imaging in the evaluation of NTproBNP level in patients with dilated cardiomyopathy.** 407
C. Mornos, D. Cozma, A. Ionac, L. Petrescu, C. Neagoe, D. Maximov, D. Popa,
S.I. Dragulescu (Timisoara - RO)
- Heart failure and early repolarization syndrome.** 408
A. Bobrov, N. Hyshova (Saint Petersburg - RU)
- Combined measurement of Cystatin C and N-Terminal pro-B-type Natriuretic Peptide in patients with chronic stable heart failure.** 409
R. Jarai, M. Djurkovic, D. Cilesiz, J. Cup, I. Kozanli, M. Schwarz, G. Jakl, K. Huber (Vienna - AT)
- Cardiac disease after mediastinal irradiation for Hodgkin's lymphoma.** 410
M. Poltavskaya, Y. Avdeev, S. Shornikov, E. Mkrtumian, A. Doletskij, A. Syrkin (Moscow - RU)
- Changes on right ventricular performance in patients with primary amyloidosis and cardiac involvement.** 411
I. Moyssakis, I. Vlahodimitris, N. Lionakis, D. Drosos, A. Kotrotsou, V. Votteas (Athens - GR)
- Asymptomatic left ventricular dysfunction in Idiopathic Dilated Cardiomyopathy: long term prognosis and comparison between subgroups of patients.** 412
M. Merlo, A. Pivetta, G. Barbati, G. Sabbadini, S. Pyxaras, B. Pinamonti, A. Di Lenarda,
G. Sinagra (Trieste - IT)
- Apparent and persistent healing in spite of severe clinical presentation in idiopathic dilated cardiomyopathy: long-term analysis of a subgroup of patients.** 413
S. Pyxaras, M. Merlo, G. Barbati, G. Sabbadini, G. Lardieri, B. Pinamonti, A. Di Lenarda,
G. Sinagra (Trieste - IT)

- Deleterious impact of anemia on survival in patients with idiopathic dilated cardiomyopathy. 414
A. Aleksova, G. Barbat, M. Merlo, S. Brigido, G. Sabbadini, F. Silvestri, A. Di Lenarda, G. Sinagra (Trieste - IT)
- ECG characteristics in peripartum cardiomyopathy. 415
K. Tibazarwa, G. Lee, M. Carrington, S.S. Stewart, K. Sliwa, B.M. Mayosi (Cape Town, Johannesburg - ZA, Melbourne - AU)
- Alcohol septal ablation in hypertrophic obstructive cardiomyopathy - The significance of intraprocedural left ventricle outflow tract gradient decrease. 416
J. Krejci, L. Groch, J. Meluzin, M. Rezek, L. Spinarova, P. Hude, J. Lipoldova (Brno - CZ)
- Left Bundle Branch Block in dilated cardiomyopathy. A reversible cause of heart failure? 417
R. Ramos, M. Oliveira, M. Nogueira Da Silva, P. Cunha, A. Lousinha, S. Alves, P. Sarmento, R.C. Ferreira (Lisbon - PT)
- Long-term outcome of perimyocarditis: is it actually a benign disease? 418
A. Buiaiti, M. Merlo, A. Aleksova, B. Pinamonti, A. Di Lenarda, G. Secoli, G. Lardieri, G. Sinagra (Trieste - IT)
- Cardiolaminopathy, genetic background and clinical presentation. 419
M. Marchel, A. Madej, R. Steckiewicz, A. Oreziak, J. Kochanowski, V. Stepień, I. Hausmanowa-Petrusewicz, G. Opolski (Warsaw - PL)
- Malignant and variable clinical phenotypes associated with p.Leu144Gln TNNI3 gene mutation. 420
F.I. Gambarin, A. Serio, M. Pasotti, M. Grasso, N. Marziliano, M. Tagliani, V. Favalli, E. Arbustini (Pavia - IT)
- Mutation in the Lamin A/C gene (c.908-909delCT) causing progressive conduction-system disease and sudden death in a family with mild form of limb-girdle muscular dystrophy. 421
C. Eftychiou, L. Antoniadis, T. Kyriakides, K. Christodoulou, E. Nicolaidis (Nicosia - CY)
- Prognostic usefulness of hemoglobin levels in patients with chronic heart failure due to Chagas disease. 422
R. Bestetti, T.B. Bertoluzzi, A. Cardinalli Neto, A.P. Otaviano, B.F.R. Miranda, T.A.D. Theodoropoulos, S.J. Ferrari, C.E. Miguel (Sao José do Rio Preto - BR)
- Chagas disease etiology of heart failure is an independent predictor of mortality for patients listed for heart transplantation. 423
R. Bestetti, N.D. Bertolino, A. Cardinalli Neto, T.A.D. Theodoropoulos (Sao José do Rio Preto - BR)
- Eosinophilic myocarditis in hearts explanted during heart transplantation- prevalence and clinical characteristics. 424
M. Kubanek, J. Maluskova, M. Hegarova, I. Malek (Prague - CZ)
- Distinguishing between ischaemic, alcoholic and dilated cardiomyopathy based on dobutamin stress-echocardiography and evaluation of endothelial dysfunction. 425
A.K. Kurlianskaya, T.L. Denisevich (Minsk - BY)
- Correlations between computerised 3D echocardiographic evaluation of the ventricular geometry, intracavitary flow haemodynamics and the development of remodelling in dilated cardiomyopathy. 426
I.S. Benedek, M. Chitu, C. Matei, A. Sarbu, I. Kovacs, Z.S. Szoke, T. Benedek (Targu Mures - RO)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- Right ventricular systolic dysfunction in patients with thyrotoxicosis-associated left ventricular systolic dysfunction. 427
J.Y. Hong, D.G. Park, M.K. Kim, H.E. Choi, S.E. Kim, J.H. Lee, K.R. Han, D.J. Oh (Seoul - KR)
- Myocardial delayed enhancement predicts ventricular arrhythmias in idiopathic dilated cardiomyopathy. 428
A. Barison, G.D. Aquaro, M. Lombardi, C. Passino, P.G. Masci, M. Emdin (Pisa - IT)
- Clinical profile of peripartum cardiomyopathy in primigravida versus multigravida. 429
S.S. Iyengar, A. Sheela, K. Varghese, G.G. Shetty, M.J. Santosh, C.B. Patil, R. Cecil (Bangalore - IN)
- The influence of carvedilol on atrial systolic function in patients with anthracycline induced cardiotoxic cardiomyopathy. 430
I. Moyssakis, I. Vlahodimitris, N. Lionakis, D. Drosos, A. Kotrotsou, V. Votreas (Athens - GR)
- Prevalence of echocardiographic criteria of noncompaction in a non selected population. 431
J.-C. Eicher, F. Schaad, G. Habib, O. Barthez, J.-E. Wolf (Dijon, Marseille - FR)
- Evaluation of pro-thrombotic and pro-inflammatory factors in advanced Chagas cardiomyopathy. 432
G.E.C.S. Souza, L.M.M. Pessoa-De-Melo, E.A. Damico, L.R. Valim, A.C.P. Barreto, C.M. Strunz, E.A. Bocchi, J.A.F. Ramires (Sao Paulo - BR)
- Electrocardiographic abnormalities associated with left ventricular non compaction: high prevalence of left bundle branch block. 433
J.-C. Eicher, F. Schaad, O. Barthez, G. Laurent, G. Bertaux, J.-E. Wolf (Dijon - FR)
- Autologous intracoronary mononuclear bone marrow cell transplantation in patients with dilated cardiomyopathy. 434
A. Nemkov, V. Sedov, B. Afanasiev, S. Belyi, S. Burnos, E. Babenko, A. Kobak, V. Kreil (St-Petersburg - RU)
- Usefulness of echocardiography in differentiation of ischaemic from non-ischaemic dilated cardiomyopathy. 435
G. Papanagnou, G. Peperas, A. Antonoulas (Lamia - GR)
- Alcoholic cardiomyopathy - How frequent it really is in Slovakia region? 436
P. Kycina, J. Murin (Bratislava - SK)
- Reversible severe systolic dysfunction with normal left ventricular sizes in a patient with Cushing's syndrome. 437
C. Fernandez-Vivancos Marquina, J. Fernandez-Armenta Pastor, F. Trujillo Berraquero, A. Pena Rodriguez, F.J. Rivera Rabanal, A. Castro Fernandez, R.J. Hidalgo Urbano, J.M. Cruz Fernandez (Seville - ES)
- For acute heart failure, hemodynamics and degree of left ventricular dysfunction do not predict the presence or severity of sleep apnoea. 438
D. Karia, M.Z. Hoque, N. Huda, H. Ra (Philadelphia - US)
- Hyperhomocysteinemia is associated with left ventricular dilatation and mass in human heart. 439
P. Alter, H. Rupp, M.B. Rominger, K.J. Klose, B. Maisch (Marburg - DE)
- Heart Failure Course in AL-Amyloidosis. 440
N. Solomakhina, D. Shchekochikhin (Moscow - RU)
- Echocardiographic predictors of clinical outcome in patients with dilated cardiomyopathy. 441
M. Yossof, A. Omar, N. Elshahat, E. Dawood, N. Elmalky, T. Goda (Mansoura - EG)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- Perception of myocardial infarction within frameworks of conception of infarction heart as a base of understanding of cardiac remodeling and development of cardiomyopathy. 442
I. Serafinovich (Grodno - BY)
- Dilated cardiomyopathy in children and adults: What is new? 443
G.E.D.N. El-Kilany (Kuwait - KW)
- Diagnosis.**
- Diagnostics of cardio-stimulatory antibodies and evaluation of their blockade by novel cyclopeptides using FRET-microscopy. 444
A. Schlipp, P. Hauck, Y. Ye, D. Berliner, V.O. Nikolaev, M.J. Lohse, R. Jahns, V. Boivin (Wuerzburg - DE)
- Relation of signs, symptoms and exercise limitations suggestive of heart failure to tissue Doppler indices in male and female patients with controlled hypertension. 445
M. Poltavskaya, M. Kuklina, A. Doletskij, E. Mkrtumian, A. Syrkyn (Moscow - RU)
- Noninvasive hemodynamic monitoring and assessment of natriuretic peptides accurately indicate diastolic dysfunction in chronic advanced heart failure patients. 446
G. Malfatto, G. Branzi, A. Giglio, P. Cuoccio, C. Facchini, M. Facchini, G. Parati (Milan - IT)
- Heart Failure (HF) in elderly with chronic obstructive pulmonary disease (COPD)-still a challenge and a pitfall: clinical aspects. 447
D. Toporan, C. Tanaseanu, M. Vintila (Bucharest - RO)
- Chronic heart failure: ultrasound lung comets, bioelectric impedance vector analysis and natriuretic peptides in the evaluation of congestion. 448
G. Borelli, F. Castrogiovanni, E. Galli, L. Gargani, F. Bellini, L. Rondinini, R. Mariotti (Pisa - IT)
- Heart failure in the very old: identifying the optimal diagnostic approach. 449
I. Oudejans, A. Mosterd, F.H. Rutten, M. Valk, E. Van Velzen, J.P.M. Wielders, A.W. Hoes (Amersfoort, Helmond, Utrecht - NL)
- Validation of European Society Cardiology guideline how to diagnose Heart Failure with Normal Ejection Fraction (HFNEF) in outpatients in Brazil. 450
E.T. Mesquita, A. Lagoeiro (Rio De Janeiro - BR)
- Diagnostic accuracy of plasma NT-proBNP for exclusion of structural and functional cardiac abnormalities in the very elderly. 451
B. Vaes, J. Bax, J. Degryse, R. Westendorp, J. Gussekloo (Woluwe-Saint Lambert - BE, Leiden - NL)
- Heart rate variability analysis Is not effective for sleep-apnoea-syndrome screening in patients with chronic heart failure. 452
T. Damy, M.P. D'ortho, B. Estrugo, L. Margarit, E. Vermes, F. Roche, I. Macquin-Mavier, L. Hittinger (Creteil - FR)
- Providing added value to diagnosis and treatment of heart failure: Six years on: The role of a hospital primary care physician specialist led heart failure clinic. 453
R. Singh, A. Fuat, G. Brennen, J.J. Murphy (Darlington - GB)
- Monitoring cardiotoxicity of trastuzumab in early breast cancer patients by echocardiography and plasma NT Pro-BNP. 454
F.F. Willems, H. Jaspers, J. Glazemaker, E.J.M. Mattijssen (Arnhem - NL)
- Change of circadian pattern of systolic arterial pressure in patients with congestive heart failure. 455
B. Ivanovic, M. Tadic, D. Cvijanovic, S. Radojicic, D. Simic (Belgrade - RS, Cetinje - ME)

Echocardiography.

- Evaluation of right ventricular systolic function using automated angle independent motion tracking of tricuspid annular displacement. 456
T. Hugues, D. Ducreux, D. Bertora, F. Berthier, F. Lemoigne, P. Gibelin (Monaco - MC, Nice - FR)
- New predictors of in-hospital heart failure in patients treated with primary percutaneous coronary intervention for acute myocardial infarction. 457
I. Nedeljkovic, B. Vujisic-Tesic, M. Ostojic, M. Petrovic, M. Boricic-Kostic, D. Trifunovic, O. Petrovic, M. Banovic (Belgrade - RS)
- Reperfusion of left ventricular reverse remodelling on outcome in cardiac resynchronization therapy. 458
F. Cabrera Bueno, J. Alzueta, J. Pena-Hernandez, J. Fernandez-Pastor, M.J. Molina-Mora, M. Jimenez-Navarro, A. Barrera, E. De Teresa (Malaga - ES)
- Myocardial contractile reserve detected by dobutamine stress tissue Doppler imaging as a preoperative determinant of outcome after valve replacement in chronic mitral regurgitation. 459
H. Badran, S. Shalaby, A. Serag, H. Hassan, A. Barbary (Shebin - EG)
- 2D longitudinal strain: a reliable non-invasive parameter for evaluating global left ventricular function. 460
C. Mornos, A. Ionac, C. Cozma, L. Petrescu, S. Pescariu, C. Neagoe, A. Mornos, S.I. Dragulescu (Timisoara - RO)
- Quantitative assessment of left and right ventricular dyssynchrony by speckle tracking imaging before and after cardiac resynchronization therapy. 461
A. Vitarelli, P. Franciosa, Y. Conde, S. D'orazio, S. Stellato, F. Caranci, L. Capotosto, S. Rosanio (Rome - IT, Galveston - US)
- Plasma N-terminal protype-B natriuretic peptide and restrictive mitral flow for predicting outcome among patients with stage B heart failure with left ventricular systolic dysfunction. 462
F.L. Dini, P. Fontanive, A.M. Naples, F. Lattanzi, U. Conti, S.M. De Tommasi (Pisa - IT)
- Does echocardiography aid in the diagnosis of rheumatic fever with carditis in children? 463
Experience from a country with high prevalence of rheumatic heart disease.
A. Saxena, K. Pandya, S.S. Kothari, R. Juneja, N. Agarwal (New Delhi - IN)
- Impact of right ventricular contractility on left ventricular mechanics in patients with chronic systolic heart failure. 464
E. Donal, A. Bernard, C. Leclercq, R. Ollivier, C. Thebault, P.H. Mabo, J.C. Daubert (Rennes - FR)
- Assessment of left ventricular and left atrial function in patients with chronic kidney disease with 2-Dimensional Strain. 465
E. Hamodraka, I. Paraskevidis, G. Georgoula, D. Delga, D. Kremastinos (Athens - GR)
- Attenuated coronary flow reserve is associated with subtle changes in left ventricular diastolic function among individuals with Stage A heart failure. 466
P. Kamvrogianis, E. Alexandridis, G. Karayannis, G. Giamouzis, G. Sitafidis, J. Skoularigis, J. Butler, F. Triposkiadis (Larissa - GR, Atlanta, Georgia - US)
- Normal values of right ventricular systolic pressure should be adjusted for age. 467
M. Matangi, D.W. Armstrong, G. Tsimiklis (Kingston - CA)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- Left ventricular hypertrophy and diastolic dysfunction secondary to fabry disease: evaluation by tissue Doppler imaging. 468
O. Azevedo, F. Almeida, F. Ferreira, J. Guardado, I. Machado, A. Lourenco, R. Medeiros, J. Almeida (Guimaraes - PT)
- Echocardiographic right ventricular evaluation in chronic heart failure: comparison with cardiovascular magnetic resonance. 469
E. Vizzardi, E. Chiari, D. Farina, A. D'aloia, P. Faggiano, R. Cabras, M. Metra, L. Dei Cas (Brescia - IT)
- Effects of subclinical hypothyroidism on diastolic functional reserve during exercise. 470
S.J. Rhee, J.W. Ha, S.A. Kim, D.H. Choi, C.Y. Shim, E.Y. Choi, Y.S. Jang, N.S. Chung (Seoul - KR)
- Is there a role for post systolic shortening in cardiac resynchronization therapy? 471
R. Teixeira, N. Antonio, C. Lourenco, L. Coelho, M. Ventura, J. Cristovao, L. Elvas, L.A. Providencia (Coimbra - PT)
- Echocardiographic changes in arterial hypertension and diastolic heart failure. 472
M. Tsverava, D. Tsverava (Tbilisi - GE)
- Variability of systolic wall stress and systolic wall stress/ejection fraction ratio in a cohort of patients with stable heart failure. A two-year follow-up study. 473
M. Rivera Otero, R. Cortes, V. Miro, R. Paya, E. Rosello-Lleti, F. Garcia De Burgos, B. Seville, A. Salvador (Elche, Valencia - ES)
- Monitoring of the very early changes of left ventricular diastolic function in patients with acute leukemia treated with anthracyclines. 474
R. Pudil, J.M. Horacek, L. Jebavy, J. Vojacek (Hradec Kralove - CZ)
- Improvement of left atrial function in patients with interatrial defects undergoing atrial septal closure? 475
S. Aggio, C. Piergentili, L. Conte, G. Pastore, G. Rigatelli, F. Zanon, L. Roncon (Rovigo - IT)
- Dyssynchrony in systolic heart failure patients and narrow QRS complex. 476
M. Marchel, J. Kochanowski, R. Piatkowski, P. Scislo, K.J. Filipiak, G. Opolski (Warsaw - PL)
- Mitral and aortic valve dysfunction in maintenance haemodialysis patients - echocardiographic study. 478
M.B. Hlawaty, W. Tracz, M. Olszowska, M. Kostkiewicz, P. Podolec, A. Lesniak-Sobelga, M. Pasowicz (Krakow - PL)
- Epicardial fat thickness is reduced in non-cachectic heart failure patients with depressed but not in those with preserved ejection fraction. 479
N. Tziolas, P. Georgoulis, G. Karayannis, G. Giamouzis, V. Demopoulos, J. Skoularigis, J. Butler, F. Triposkiadis (Larissa - GR, Atlanta, Georgia - US)
- Is ischaemic silent myocardium less dysfunctional? 480
I. Nedeljkovic, M. Ostojic, B. Beleslin, A. Djordjevic-Dikic, J. Stepanovic, M. Nedeljkovic, S. Stojkovic, V. Giga (Belgrade - RS)
- The relationship between atrial volume changes and localization of acute myocardial infarction. 481
K. Iltumur, Z. Karahan (Diyarbakir - TR)
- Echocardiographic study of correlations between left atrial volume, function and left ventricular diastolic function in patients with paroxysmal atrial fibrillation. 482
T. Erdei, M. Denes, A. Temesvari, M. Lengyel (Budapest - HU)

- Left ventricular systolic and diastolic function in outpatients affected by rheumatoid arthritis. 483
E. Vizzardi, I. Cavazzana, A. Ceribelli, C. Bazzani, F. Franceschini, A. Tincani, E. Chiari,
L. Dei Cas (Brescia - IT)
- Factors influencing LV function during elective surgical revascularisation assessed by 484
intraoperative transesophageal echocardiography.
M. Winter, B. Sobkowicz, B. Zajac, R. Cichon (Wroclaw, Bialystok - PL)
- Prognostic value of pulsed wave tissue Doppler imaging for the assessment of left ventricular 485
systolic function in patients with nonischaemic dilated cardiomyopathy.
F.L. Dini, P. Ballo, P. Fontanive, A.M. Naples, F. Lattanzi, U. Conti, S.M. De Tommasi (La Spezia, Pisa - IT)
- Exercise echocardiography and cardio-pulmonary exercise testing for inotropic reserve 486
assessment in dilated cardiomyopathy.
A.R. Almeida, R. Miranda, S. Almeida, M. Celeiro, O. Simoes, C. Cotrim, M. Carrageta (Almada - PT)
- The effects of systolic and diastolic function on estimated right ventricular systolic pressure. 487
M. Matangi, D.W. Armstrong, G. Tsimiklis (Kingston - CA)
- Myocardial coronary calcium index and left ventricle diastolic function in the patients with 488
CAD and arterial hypertension combined with diabetes mellitus type II.
M.N. Dolzhenko, S.V. Potashev, N.A. Perepelchenko (Kiev - UA)
- Frequent exposure of enhanced filling pressure and preload are well tolerated in patients 489
with chronic heart failure.
B. Gruner Svealy, A. Cider, M. Sharin Tang, E. Angwald, B. Andersson, D. Kardassis
(Gothenburg - SE)
- Myocardial Doppler velocities in patients with myocardial dyssynchrony and significant 490
left ventricular hypertrophy due to rheumatic aortic valve stenosis.
N. Maroz-Vadalazhskaya, I. Vodolazhskiy (Minsk - BY)
- Value of transpulmonary venous flow pattern and mitral flow pattern in the evaluation 491
of left ventricular diastolic function in hypertensive patients.
M. Yossof, M. Yossof, A. Omar, H. Kabil, M. Zaghlol, A. Abdelsamad (Mansoura - EG)
- Bi-ventricular myocardial performance: a new approach to evaluate interventricular delay. 492
P. Pattoneri, E. Cassinerio, G. Pela, M.D. Cappellini (Milan, Parma - IT)
- Relation between the levels of nt-pro-bnp and echocardiographic parameters of systolic 493
and diastolic function in patients with heart failure.
S. Goncalves, P. Amador, L. Mendes, C. Miranda, L. Bernardino, J.F. Santos, L.N. Soares (Setubal - PT)
- Left atrial function in patients with pathologic atrial septum anatomy differs from 494
healthy controls.
S. Aggio, C. Piergentili, N. Schenal, L. Conte, G. Pastore, G. Rigatelli, L. Roncon (Rovigo - IT)
- Coronary sinus blood flow after right ventricular myocardial infarction and its correlation 495
with a new echocardiographic index.
S. Kakouros, N. Kakouros, M. Mantzouranis, K. Merkouris (Athens - GR)
- Right ventricular dysfunction in patients with heart failure. 496
J. Ferreira Santos, L. Mendes, C. Miranda, S. Goncalves, P. Amador, L. Bernardino,
L.N. Soares (Setubal - PT)
- Prognostic value of interventricular interaction in diastolic heart failure. 497
M. Michalski, R. Dankowski, M. Kandziora, W. Biegalski, A. Szyzka (Poznan - PL)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- Comparison of pattern of left ventricular systolic activation by tissue velocity imaging in patients with left ventricular systolic dysfunction with and without left bundle branch block. 498
H. Sadeghian, M. Lotfi-Tokaldany, B. Eslami, M. Sheikh-Fathollahi, A. Kazemisaeid (Tehran - IR)
- Left ventricular systolic function parameters in patients with acute myocardial infarction and diabetes mellitus. 499
P. Kekovic (Prokuplje - RS)
- Pulsed Doppler echocardiographic evaluation of left ventricular diastolic function in patients with acute myocardial infarction. 500
P. Kekovic, J.J. Jovanovic (Prokuplje - RS)
- Cholesterol. 501
J.M. Panchyshyn, O.Y. Tomashevskaya, O.Y. Korolyuk (Lviv - UA)
- MRI & Cardiac radiology**
- Myocardial fibrosis and QRS widening in dilated cardiomyopathies. 502
L. Monti, E. Gronda, A. Cerri, L. Balzarini (Rozzano, Milan - IT)
- Myocardial inflammation in systemic lupus erythematosus and primary Sjogren's Syndrome. Evaluation by Cardiovascular Magnetic Resonance Imaging. 503
S. Mavrogeni, M.N. Manoussakis, K. Spargias, A.K. Tsirogianni, M. Douskou, H.M. Moutsopoulos, D.V. Cokkinos (Athens - GR)
- Cardiovascular magnetic resonance role in the setting of myocarditis: in the acute phase and in the middle-term follow-up. 504
A. Patrignani, E. Di Cesare, A. D'aroma, L. Antonini, G. De Berardinis, S. Battisti, S. Cicogna (L'Aquila - IT)
- The accuracy of semi-automatic quantification of myocardial delayed enhancement on magnetic resonance imaging in (non)-ischaemic cardiomyopathy. 505
M. Olimulder, M.A. Galjee, J. Van Es, K. Kraaijer, J. Van Der Palen, M.F. Scholten, C. Von Birgelen (Enschede - NL)
- Prevalence of ventricular discordance and its relation to functional capacity in idiopathic dilated cardiomyopathy. 506
J. Vormbrock, S.A. Machnick, M. Van Bracht, T. Butz, A. Meissner, H.-J. Trappe, G. Plehn (Herne - DE)
- Assessment of right ventricular function by cardiovascular magnetic resonance in patients with familial dilated cardiomyopathy. 507
T. Pinho, E. Martins, S.M. Oliveira, J. Silva-Cardoso, A.J. Adureira, I. Ramos, M.J. Maciel (Oporto - PT)
- Cardiac magnetic resonance imaging and arrhythmogenic right-ventricular dysplasia, a reliable relation? 508
R. Teixeira, M.J. Ferreira, B. Graca, P. Donato, M. Ventura, J. Cristovao, L. Elvas, L. Providencia (Coimbra - PT)

Nuclear cardiology.

- Abnormal myocardial fatty acid metabolism might predict adverse outcome in patients with permanent right ventricular pacing. 509
M. Fukunami, T. Yamada, S. Sanada, T. Morita, Y. Okuyama (Osaka - JP)
- Positron emission tomography with ¹¹C-sodium butyrate for assessment of mexicor therapy efficiency. 510
D.V. Ryzhkova, T.V. Treshkur, E.V. Parmon, M.I. Mostova, V.V. Zaytsev (St.-Petersburg - RU)

Cardiac resynchronisation therapy.

- Improvement in left ventricular longitudinal function evaluated by TDI and speckle tracking echocardiography (STE) after cardiac resynchronization therapy (CRT). 511
F. Luca', C.M. Rao, C. Zito, C. Melluso, S. Carey, G. Oreto, F. Arrigo, O. Bramanti (Messina - IT)
- Gln27Glu beta-2 adrenergic receptor gene polymorphism influences the magnitude of left ventricular reverse remodelling and the relative risk of cardiovascular events after CRT. 512
N. Pezzali, M. Metra, L. Covolo, A. Curnis, U. Gelatti, F. Donato, L. Dei Cas (Brescia - IT)
- Left univentricular only pacing can be an alternative to biventricular pacing: Results of the randomized, double-blind B-LEFT HF trial. 513
G. Boriani, W. Kranig, E. Donal, L. Calo', M. Casella, G. Ansalone, E. Boulogne, C. Leclercq (Bologna - IT, Bad Rothenfelde - DE, Rennes - FR, Roma - IT, Zaventem - BE)
- QRS duration predicts clinical outcome in cardiac resynchronization therapy. 514
F. Cabrera Bueno, J. Fernandez-Pastor, J. Alzueta, J. Pena-Hernandez, M.J. Molina-Mora, A. Barrera-Cordero, E. De Teresa-Galvan (Malaga - ES)
- Cardiac resynchronization therapy benefits all patients regardless of age. 515
S. De Feo, A. Vicentini, C. Muto, T. Maounis, A. Schuchert, C. Gazzola, E. Boulogne, L. Padeletti (Florence, Milan, Peschiera del garda, Naples - IT, Athens - GR, Hamburg - DE, Brussels - BE)
- A new combination of ischemic heart failure treatment: Cardiac resynchronization therapy and endocardial stem cells implantation. 516
A. Romanov, E. Pokushalov (Novosibirsk - RU)
- Extracellular cardiac matrix biomarkers do not predict response to cardiac resynchronization therapy in patients with heart failure, left ventricular dysfunction and large QRS. A substudy of CARE-HF. 517
F. Zannad, W. Iraqi, P. Rossignol, J. Nuee, R. Fay, J. Cleland, Y. Verboven, N. Freemantle (Dommartin Les Toul - FR, Hull - GB, Maastricht - NL, Birmingham - GB)
- Left ventricular lead position and heart failure improvement in patients with cardiac resynchronization therapy. 518
I. Contrafatto, D. Manari, S. Fioroni, N. Rodway, A. Giordano (Philadelphia - US, Reggio Emilia - IT, Columbus - US)
- Effect of heart failure history on CRT patient survival. 519
D. Gras, C. Muto, T. Maounis, A. Schuchert, M.-G. Bongiorno, R. Frank, E. Boulogne, L. Padeletti (Nantes, Paris - FR, Florence, Naples, Pisa - IT, Athens - GR, Neumuenster - DE, Zaventem - BE)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- Baseline characteristics of patients randomized in the FREEDOM study. 520
D. Gras, L. Calo, N. Islam, D. Pfeiffer, J. Goodman, L. Guzzo, M. Gupta, W. Abraham (Nantes - FR, Rome - IT, Leipzig - DE, Columbus, Los Angeles, Saginaw, Sylmar - US, Zaventem - BE)
- Influence of dyssynchrony and cardiac resynchronization therapy on extracellular cardiac matrix biomarkers in patients with heart failure, left ventricular dysfunction and wide QRS. A CARE-HF substudy. 521
F. Zannad, W. Iraqi, P. Rossignol, J. Nuee, R. Fay, J. Cleland, J.C. Daubert, M. Marijjanowski (Dommartin Les Toul, Rennes - FR, Brussels - BE, Hull - GB, Maastricht - NL)
- Cardiac Resynchronization Therapy (CRT) reduces and delays progression of inflammation in heart failure. 522
M. Aronnes, T. Ueland, S. Aakhus, R. Skaardal, R. Wergeland, P. Aukrust, L. Gullestad, E. Kongsgaard (Oslo - NO)
- Mid-term follow-up of cardiac resynchronization therapy: predictors of clinical outcome. 523
L. Sargento, L. Carpinteiro, P. Marques, N. Cortez-Dias, A. Veiga, J. Sousa (Lisbon - PT)
- Multi-parameter home monitoring to predict cardiovascular hospitalizations in a CRT-patient population. 524
W. Bauer, V. Paul, C. Wende, H. Naegele, K. Malinowski, P. Hurt, J. Dorscht, S. Sack (Perth - AU, Aue, Berlin, Munich, Papenburg, Reinbek, Würzburg - DE)
- Cardiac Resynchronization Therapy: Antiarrhythmic and mortality effect of reverse ventricular remodelling in hyper responders. 525
R. Ramos, M. Oliveira, M. Nogueira Da Silva, P. Cunha, A. Galrinho, A. Mamede, A. Timotio, R.C. Ferreira (Lisbon - PT)
- Cardiac resynchronization therapy and left ventricular remodeling in patients with coronary artery disease and dilated cardiomyopathy. 526
I. Kardasz, G. Borelli, P. Bendinelli, L. Rondinini, M.L. De Perna, G. Zucchelli, M.G. Bongiorno, R. Mariotti (Pisa - IT)
- Gender effect in selecting patients for cardiac resynchronization therapy. 527
S. De Feo, A. Fusco, C. Muto, T. Maounis, A. Schuchert, T. Guidotto, E. Boulogne, L. Padeletti (Florence, Milan, Naples, Peschiera del Garda - IT, Athens - GR, Hamburg - DE, Brussels - BE)
- Is Cardiac Resynchronization Therapy effective in patients with Very Dilated Cardiomyopathy? 528
A. Lousinha, J. Feliciano, A. Galrinho, M. Oliveira, L. Branco, J. Abreu, M. Nogueira Silva, R. Cruz Ferreira (Lisbon - PT)
- Brain natriuretic peptide evaluation profile in a population submitted to cardiac resynchronization therapy. It is an identification marker of responders and non responders? 529
N. Santos, M. Oliveira, M. Nogueira Da Silva, L. Branco, A. Galrinho, J. Feliciano, F. Miranda, R. Ferreira (Lisbon - PT)
- Thoracic bioimpedance for optimizing atrioventricular and intraventricular delays after cardiac resynchronization therapy, comparison with tissue Doppler imaging. 530
B. Kurtz, A. Savoure, F. Bauer, F. Anselme, A. Cribier (Rouen - FR)
- Trends in device implantation among men and women of any age with severe heart failure in real life. 531
S. De Feo, A. Fusco, F. Leonardo, O. Spadaro, L. Pederzoli, I. Sheiban, A. Vicentini (Peschiera del Garda - IT)

- Response to cardiac resynchronization therapy is gender dependent. 532
S. De Feo, A. Fusco, C. Muto, T. Maounis, A. Schuchert, P. Silvestri, E. Boulogne, L. Padeletti
(Peschiera del garda, Naples - IT, Athens - GR, Hamburg - DE, Milan - IT, Brussels - BE,
Florence - IT)
- Could diastolic filling pattern influence the result of cardiac resynchronization therapy? 533
A. Galrinho, L. Moura Branco, M. Nogueira Da Silva, M. Martins Oliveira, S. Santos, A. Leal,
R. Cruz Ferreira (Lisbon - PT)
- Correlation of body mass index and responder status in heart failure patients after cardiac 534
resynchronization therapy: Does obesity paradox exists?
M. Clemens, E. Nagy-Balo, C. Herczku, C. Kun, I. Edes, Z. Csanadi (Debrecen - HU)
- Efficacy of cardiac resynchronization therapy depends on outcome definitions. 535
M. Aarones, S. Aakhus, H. Aass, T. Moum, R. Wergeland, L. Gullestad, E. Kongsgaard
(Oslo, Tonsberg - NO)
- Acute haemodynamic response after cardiac resynchronization therapy may be usefull 536
in prediction of long-term clinical outcome: The role of echocardiography.
S. Salinger, Z. Perisic, D. Milic, T. Kostic, S. Apostolovic, R. Jankovic, D. Djordjevic Radojkovic,
M. Z (Nis - RS)
- Definitions for assessing CRT response in the real-world: Outcome of the FREEDOM Study 537
Survey.
D. Gras, L. Guzzo, E. Boulogne, M. Gupta, W. Abraham (Nantes - FR, Zaventem - BE,
Columbus, Sylmar - US)
- Left ventricular dyssynchrony evaluated with cardiac magnetic resonance (CMR) predict 538
the response to cardiac resynchronization therapy (CRT).
L. Monti, L. Balzarini, A. Cerri, R. Bragato, E. Gronda (Milan, Rozzano - IT)
- Do all ages groups equally benefit from cardiac resynchronization therapy? 539
C. Negrier, N. Antonio, R. Teixeira, L. Coelho, J. Cristovao, L. Elvas, L. Goncalves,
L.A. Providencia (Coimbra - PT)
- Long interventricular mechanical delay (IVMD) and a high physical combined score 540
(PCS, SF-36) predicts response to cardiac resynchronization therapy.
M. Aarones, S. Aakhus, H. Aass, T. Moum, L. Gullestad, E. Kongsgaard (Oslo, Tonsberg - NO)
- Cardiac resynchronization therapy: radionuclide assessment effects on left ventricular 541
function, pulmonary and central haemodynamics.
YU. Lishmanov, V. Chernov, S. Minin, G. Savenkova (Tomsk - RU)
- Sequential biventricular pacing improves systolic heart function in patients with heart 542
failure and prolonged QRS.
M. Edner, M. Ring, T. Sarev (Danderyd, Solna - SE)
- Left ventricular dyssynchrony during dobutamine stress echocardiography: new tools 543
for predicting CRT response.
F. Zanon, S. Aggio, E. Baracca, F. Pastore, D. Vaccari, R. Verlato, M. Davinelli, J. Comisso
(Camposampiero, Montebelluna, Rome, Rovigo - IT)
- Cardiac resynchronization therapy in elderly patients with severe heart failure. 544
S. De Feo, A. Fusco, F. Leonardo, O. Spadaro, I. Sheiban, L. Pederzoli, A. Vicentini
(Peschiera del garda - IT)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- The relationship of symptomatic improvement to left and right ventricular volumes following biventricular pacing upgrade. 545
I.P. Clements, D.H. Hayes, B.P. Mullan (Rochester - US)
- Cardiac resynchronization therapy induced reverse remodelling: Could affect the outcome of heart failure patients? 546
E.H. Hatzinikolaou, P. Makridis, M. Kotsakou, T.H. Belevessis, E. Reppas, G. Moschos, E. Karapatsoudi, K. Tsakiridis (Edessa, Thessaloniki - GR)
- Usefulness of Doppler echocardiography in optimization of cardiac resynchronization: Haemodynamic improvement with different pacing modalities and atrioventricular delays. 547
S. Salinger, Z. Perisic, D. Milic, T. Stanojlovic, T. Kostic, S. Apostolovic, M. Randjelovic, D. Stanojevic (Nis - RS)
- Late reverse remodeling evidence in congestive heart failure patients submitted to cardiac resynchronization therapy. 548
H. Hamad, M. Oliveira, A. Lousinha, R. Ramos, J. Abreu, N. Da Silva, J. Serra, R. Ferreira (Lisbon - PT)
- Efficacy of cardiac resynchronization therapy in patients with congestive heart failure followed by CHF ambulatory. 549
A. Navazio, G. Lolli, N. Muia', E. Lo Jacono, M. Pantaleoni, G. Tortorella, M. Calzolari, C. Menozzi (Reggio Emilia - IT)
- Correlation between QRS notch and LV dyssynchrony in patients selected for CRT implantation. 550
K. Ali Zadeh, A.F. Fazelifar, H.R. Bonakdar, H. Azarnik, M. Haghjoo, N. Samiei, M.A. Sadr-Ameli (Tehran - IR)
- Cardiac resynchronisation therapy in patients with heart failure. 551
R. Singh Curry, S. Arya (Wigan - GB)
- Reverse remodeling (RR) post CRT; 15% reduction of left ventricular end systolic volume (LVESV) vs. 15% reduction of left ventricular end diastolic volume (LVEDV). 552
H. Hamad, R. Soares, L. Branco, A. Galrinho, M. Oliveira, A. Toste, N. Santos, R. Ferreira (Lisbon - PT)
- Baseline characteristics of patients enrolled in the low-dose dobutamine stress-echocardiography to predict cardiac resynchronization therapy response (LODO-CRT) Study. 553
V. Calvi, S. Iacopino, M. Gasparini, C. Muto, G. Di Stefano, C. Dicandia, M. Davinelli, A. De Pascalis (Catania, Catanzaro, Lecce, Naples, Pedara, Rome, Rozzano - IT)
- Short-term impact of cardiac resynchronization therapy optimization in heart failure patients. 554
L. Sargento, N. Cortez-Dias, A. Bernardes, M. Valente, A. Rebola, S. Neto, J. Sousa (Lisbon - PT)
- Cardiac resynchronization therapy and clinical status, hemodynamic changes during 6 months after the operation: looking for responders. 555
M. Trukshina, M. Sitnikova, D. Lebedev, E. Shlyakhto (St.Petersburg - RU)
- Prognosis.**
- Central sleep apnoea predicts mortality even in patients with mild chronic heart failure. 556
A. Vazir, M.J. Morrell, P.C. Hastings, H.F. McIntyre, A.K. Simonds, M.R. Cowie (London, St Leonards-On-Sea - GB)
- Post-resuscitation cardiogenic shock patients survival is not improved by levosimendan therapy. 557
P. Soos, D. Becker, G.Y. Barczy, G.Y. Szabo, E. Zima, G. Fulop, A. Apor, B. Merkely (Budapest - HU)

14:00 - 18:00

CLINICAL POSTER SESSION II

Clinical Poster Area
Level 2 & 3

- Heart failure prognosis in patients with Chagas disease is becoming better. 558
A.C. Pereira Barretto, C.E. Del Carlo, J.N. Cardoso, M.E. Ochiai, M.T. Oliveira Jr, A.R. Scipioni, J.A.F. Ramires (Sao Paulo - BR)
- Prognostic value of the echocardiographic response to Valsalva maneuver in heart failure patients. 559
E. Siniorakis, K. Sfakianiakis, D. Barlagiannis, G. Roulia, P. Voutas, P. Kostaki, E. Zarreas, K. Karydis (Athens - GR)
- Clinical and prognostic evaluation of atrial fibrillation in patients with heart failure. 560
G.E. Kordosis, T.H. Livieratos, A.R. Tziovas, K.I.R. Grammatikopoulos, P.A.N. Koustas, A.T.H. Germanos (Agrinio - GR)
- The prognostic impact of systemic inflammatory diseases in patients with congestive heart failure. 561
T. Burkard, O. Pfister, M. Maeder, S. Kurz, R. Zaker, S. Toggwiler, M. Pfisterer, H.P. Brunner-La Rocca (Basel, St. Gallen, Sursee - CH, Loerrach - DE)
- Risk stratification of heart failure patients using decision trees: An analysis of Trans-European Network-Home-Care Management System (TEN-HMS) Study. 562
J. Zhang, K.M. Goode, A.S. Rigby, A. Torabi, J.G.F. Cleland (Hull - GB)
- Right ventricle: Prognostic value after heart transplantation? 563
L. Alizadeh, S. Varnous, J.L. Golmard, C. Aubaily, F. Fernandez, I. Gandjbakhch, A. Pavie, P. Leprince (Paris - FR)
- The effect of transient deterioration of renal parameters on distant mortality of patients hospitalized for heart failure. 564
K. Kaminski, K.M. Goode, J. Zhang, A.L. Clark, J.G.F. Cleland (Bialystok - PL, Hull - GB)
- Comparative and combined prognostic value of brain natriuretic peptides and cardiac troponin T in risk stratification of patients with severe chronic heart failure. 565
L.R. Tumasyan, K.G. Adamyan (Yerevan - AM)
- Serum glucose level at entry constitute an independent predictor of left ventricular systolic dysfunction in non diabetic, acute coronary patients. 566
P. Aggelopoulos, C. Chrysohoou, C. Pitsavos, C. Skoumas, G.C. Metallinos, E. Tsiamis, D. Panagiotakos, C. Stefanadis (Athens - GR)
- Long term prognosis at obese patients with heart failure. 567
E. Stoica, O. Chioncel, A. Carp, I. Tepes Piser, R. Stanescu Cioranu, I. Kulcsar, C. Macarie (Bucuresti - RO)
- Prognosis value of anaemia in hospitalized patients with heart failure. 568
M.J. Molina Mora, A.J. Munoz-Garcia, M. Jimenez-Navarro, A. Dominguez-Franco, F.J. Cabrera-Bueno, J.M. Garcia-Pinilla, J. Fernandez-Pastor, E. De Teresa-Galvan (M-laga - ES)
- Electrical instability in postinfarction heart failure. 569
I. Mozos, M. Hancu, A. Cristescu (Timisoara - RO)
- Serum Aldosterone levels on admission are association with heart failure in patients presenting with ST-elevation myocardial infarction. 570
X.R. Gong, B.E.N. He (Shanghai - CN)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION II

Clinical Poster Area
Level 2 & 3

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00. The presenter should be present throughout the coffee break (15:30 to 16:30) in order to discuss the poster.

Cardiac resynchronisation therapy.

Adrenomedullin plasma levels as predictors of left ventricular reverse remodelling in patients treated with cardiac resynchronization therapy. 571

M.A. Morales, S. Del Ry, M. Maltinti, U. Startari, D. Giannessi, M. Piacenti (Pisa - IT)

Myocardial performance index: A simple method to predict left ventricular reverse remodeling after cardiac resynchronization therapy. 572

C.M. Rao, F. Luca', G. Filice, P. Poullos, G. Palladini, A. Arretini, M.C. Porciani, L. Padeletti (Florence - IT)

Cardiomyopathy.

Anabolic deficiency in dilated cardiomyopathy patients, and possibilities of replacement therapy with long-acting testosterone. 573

T. Abdullaev, B.U. Mardanov, R.D. Kurbanov (Tashkent - UZ)

Efficiency of long-term thyroxine therapy at dilated cardiomyopathy patients. 574

T. Abdullaev, B.U. Mardanov, R.D. Kurbanov (Tashkent - UZ)

NEBL encoding the cardiac Z-disk protein nebulin as novel disease gene for cardiomyopathies. 575

A. Perrot, P. Tomasov, J. Lossie, R. Dietz, M.G. Posch, J. Veselka, C. Oezcelik (Berlin - DE, Prague - CZ)

Sequential ultrastructural analysis of beta1-receptor antibody-induced immune-cardiomyopathy reveals severe myocardial damage and increased myocyte apoptosis. 576

V. Boivin, V. Schwarzbach, K. Klingel, M. Mueller, A. Schlipp, G. Ertl, M.J. Lohse, R. Jahns (Tuebingen, Wuerzburg - DE)

Beta1-receptor antibody-induced cardiomyopathy: effects of one year treatment with novel cardioprotective cyclopeptides on cardiac morphometry and function. 577

V. Boivin, M. Mueller, Y. Ye, A. Schlipp, V. Schwarzbach, G. Ertl, M.J. Lohse, R. Jahns (Wuerzburg - DE)

Dietary red palm oil concentrate protects the heart against the cyto-toxic effects of chemotherapy. 578

J. Van Rooyen, A. Wergeland, D. Bester, L. Odendaal, S. Satar, A. Jonassen (Cape Town - ZA, Bergen - NO)

Desmin transgenic mice exhibit morphological features of amyloidosis. 579

A. Kostareva, G. Sjoberg, A. Gudkova, E. Shlyakhto, T. Sejersen (St. Petersburg - RU, Stockholm - SE)

A new molecular mechanism for familial dilated cardiomyopathy based on studies with intact mutant transgenic mouse and human explanted heart muscle. 580

S. Marston, A. Jacques, A.E. Messer, E. Dyer, W. Song (London - GB)

Atorvastatin exhibits dose dependent prevention of doxorubicin induced cardiomyopathy: An echocardiographic study. 581

I. Kuladhipati, R. Enjamoori, A. Jaiswal, S. Kumar, S. Seth, S.K. Maulik (New Delhi - IN)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION II

Basic Science Poster Area
Level 2

- Anthracycline-induced heart failure, importance of glutathione.** 582
A. Vavrova, O. Popelova, E. Jirkovsky, P. Haskova, M. Sterba, V. Gersl, T. Simunek (Hradec Kralove - CZ)
- Cardiac gene regulation in patients with Hypertrophic Cardiomyopathy.** 583
N. Genneback, G. Wikstrom, U. Hellman, S. Morner, D. Charlemagne, A. Waldenstrom (Umea, Uppsala - SE, Paris - FR)
- Direct measurement of the phosphorylated species of troponin I in human cardiac muscle using phosphate affinity SDS-PAGE.** 584
A.E. Messer, C.E. Gallon, S.B. Marston (London - GB)
- Erythropoietin induces regression of hypertrophy in experimental uraemic cardiomyopathy.** 585
K. Smith, S. Bhandari, A.-M.L. Seymour (Hull - GB)
- Subproteomic analysis of ventricular tissue in Dilated Cardiomyopathy.** 586
J. Polden, M.J. Dunn (Dublin - IE)
- Iodine-123 metaiodobenzylguanidine myocardial scintigraphy is a better than ejection fraction as a predictor of functional status in patients with systolic heart failure.** 587
E.T.M. Mesquita, L. Carestiato, C.T.M. Mesquita, J.C.A. Azevedo, N.Q.O.S. Olivetti, A.C.L.N. Nobrega, S.M.R.M. Miranda (Niteroi, Rio De Janeiro - BR)
- A new polymorphism in human calmodulin III gene promoter is a potential modifier gene for familial hypertrophic cardiomyopathy.** 588
F. Friedrich, D. Brito, E. Arbustini, A. Waldenstroem, R. Isnard, M. Komajda, T. Eschenhagen, L. Carrier (Hamburg - DE, Lissabon - PT, Pavia - IT, Umea - SE, Paris - FR)
- A novel truncation mutation in the gene coding for myosin binding protein c in a patient with hypertrophic cardiomyopathy.** 589
V. Ruppert, R.C. Funck, T. Meyer, A. Richter, S. Pankuweit, B. Maisch (Marburg - DE)
- A child cohort study from South Italy enlarges the genetic spectrum of hypertrophic.** 590
G. Frisso, G. Limongelli, G. Pacileo, A. Del Giudice, L. Forgione, P. Calabro', R. Calabro', F. Salvatore (Naples - IT)
- Right ventricle from human failing heart is less protected than left ventricle against oxidative stress damage.** 591
E. Borch, V. Bargelli, F. Stillitano, C. Giordano, G. D'amat, E. Cerbai, C. Nediani (Florence, Rome - IT)
- Elevation of the plasma markers of structural changes and left ventricular dysfunction in patients with hypertrophic cardiomyopathy.** 592
R. Pudil, J. Lenco, M. Ulychova, M. Tichy, J. Stulik, J. Vojacek, V. Palicka (Hradec Kralove - CZ)
- Leukotrienes in ischemic cardiomyopathy.** 593
A. Gabrielsen, E. Nobili, J. Kastrup, A. Wetterholm, J. Haeggstrom, E. Tremoli, G.K. Hansson, L. Sironi (Stockholm - SE, Milan - IT, Copenhagen - DK)
- Altered contractile function in human myocardium containing the DCM-associated G159D troponin C mutant.** 594
A.C. Hoskins, A.M. Jacques, C.G. Dos Remedios, S.C. Bardswell, S.B. Marston, J.C. Kentish (London - GB, Sydney - AU)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION II

Clinical Poster Area
Level 2 & 3

Diagnosis.

- The differentiated heart autonomic balance changes in patients with heart failure. 595
M. Matveev, R. Prokopova (Sofia - BG)
- Pulmonary «Comet Tail» artifact in diagnosis of congestive heart failure. 596
M. Tsverava, D. Tsverava, N. Gudushauri (Tbilisi - GE)

Echocardiography.

- Increased left ventricular torsion in patients with uncomplicated type 1 diabetes. 597
G. Nallur Shivu, T.T. Phan, K. Abozguia, I. Ahmed, A. Wagenmakers, P. Narendran, M. Stevens, M. Frenneaux (Birmingham - GB)
- Evaluation of filling pressure in hypertensive patients using noninvasive methods. 598
D. Toader, R. Musetescu, D.-D. Ionescu (Craiova - RO)
- Myocardial performance index in patients with left ventricular systolic dysfunction: Conventional method versus Doppler tissue Imaging. 599
M.F. Elnoamany, H. Badran, I. Abdelfattah, T. Khalil, M. Salama (Shebeen Elkom, Menoufyia - EG)

MRI & Cardiac radiology.

- Gadolinium-enhanced MRI of acute and chronic cryoinjury in pig hearts. 600
V. Kupriyanov, Y. Yang, P. Gervai, J. Sun (Winnipeg - CA)
- Manganese-enhanced MRI of acute and chronic cryoinjury in pig hearts. 601
V. Kupriyanov, Y. Yang, M.L. Gruwel, J. Sun (Winnipeg - CA)

Metabolism / Ischaemia / Reperfusion / Preconditioning.

- Atrial dilatation: overexpression of hexokinase and its coupling to oxidative phosphorylation. 602
E. Seppet, M. Roosimaa, T. Podramagi, L. Kadaja, M. Eimre, E. Orlova, A. Ruusalepp, K. Paju (Tartu - EE)
- Erythropoietin pre-treatment reduce ischaemic-reperfusion injury coupled to modulation of beta-ark1 activity and blunting cardiac dysfunction. 603
D.J. Choi, G.H. Rhu, M.C. Cho, E.S. Jeon, J.J. Kim, B.Y. Choi, E.J. Kim, M.J. Park (Chungju, Seoul, Taejeon - KR)
- Postconditioning of exogenous reconstituted high-density lipoprotein (rHDL) attenuates the myocardial ischemic-reperfusion injury through the anti-oxidant and anti-apoptotic effect. 604
D.J. Choi, G.H. Rhu, M.C. Cho, E.S. Jeon, J.J. Kim, B.Y. Choi, K.Y. Kim (Chungju, Seoul, Taejeon - KR)
- Time window of postconditioning intervention in mice. 606
F. Roubille, F. Cransac, C. Barrere, A. Vincent, J. Nargeot, C. Piot, S. Barrere-Lemaire (Montpellier - FR)
- Ischaemic preconditioning paves the way for a novel ATP regeneration pathway in myocardium at risk; an experimental study in the pig. 607
M. Haney, B. Biber, M. Kavianipour, T. Moritz, P. Strandén, G. Ronquist, A. Waldenström (Umea, Gothenburg, Uppsala - SE)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION II

Basic Science Poster Area
Level 2

- Postconditioning offers a maximal cardioprotection in Daxx-DN transgenic mice. 608
F. Roubille, S. Combes, C. Sportouch-Dukhan, A. Vincent, A. Hueber, J. Nargeot, C. Piot, S. Barrere-Lemaire (Montpellier - FR)
- Biglycan and decorin protect cardiomyocytes against hypoxia-reoxygenation injury by an NO-dependent mechanism. 609
A. Gorbe, A. Szunyog, T. Csont, E. Bereczki, M. Santha, P. Ferdinandy (Szeged - HU)
- TTA - the first PPAR ligand shown to increase fatty acid oxidation in normal and diabetic myocardium when administered in vivo. 610
E. Aasum, A.D. Hafstad, A.M. Khalid, R.K. Berge, T.S. Larsen (Troms, Bergen - NO)
- Infarct size-limiting effect of chronic continuous hypoxia is mediated by beta1-adrenoceptors: involvement of antioxidant enzymes. 611
D. Stakheev, P. Balkova, J. Neckar, O. Novakova, F. Novak, B. Ostadal, F. Kolar (Prague - CZ)
- The mitochondrial permeability transition pore as a target for cardioprotection in ischaemic heart failure. 612
S.Y. Lim, D.M. Yellon, D.J. Hausenloy (London - GB)

Animal models and experimentation.

- Effects of attachment of novel polymer patches on rat heart function in vivo and ex vivo. 613
H. Ishii, H. Jawad, Q. Chen, A.R. Boccaccini, N. Ali, S. Harding (London - GB)
- Nitroglycerin attenuates reperfusion injury in the heart: role of vascular nitrate tolerance. 614
V. Fekete, E. Aypar, Z. Murlasits, A. Posa, G. Szenasi, P. Ferdinandy, T. Csont (Szeged, Budapest - HU)
- The external-work pressure-time integral relationships and the afterload dependence of frank starling mechanism. 615
G. Sela, A. Landesberg (Haifa - IL)
- Morphological changes in volume overload heart failure rat model. 616
J. Benes, V. Melenovsky, D. Sedmera (Prague - CZ)
- Cyclosporine A-induced cardioprotection is reduced for hearts with coronary disease: a role for mitochondrial permeability transition. 617
A. Chase, C.L. Jackson, G.D. Angelini, M.S. Suleiman (Bristol - GB)
- The effect on renal function of Lixivaptan (vpa-985), a vasopressin v2 receptor antagonist, in combination with furosemide. 618
C. Orlandi, B. Ticho (Cambridge, Philadelphia - US)
- Cachexia in cancer and heart failure development. 619
J. Springer, A. Hartmann, S. Palus, A. Grzesiak, E. Kaschina, S. Von Haehling, J.M. Argiles, S.D. Anker (Berlin - DE, Barcelona - ES)
- Effect of Chronic Administration of the Vasopressin V2 Receptor Antagonist Lixivaptan (VPA-985) on Renal and Cardiovascular Functions in a Rat Model of Heart Failure. 620
J. Radin, S. Mccune, S. Park, C. Orlandi, B. Ticho (Apopka, Boulder, Cambridge, Columbus, Philadelphia - US)
- Pharmacokinetic and pharmacodynamic interaction of the adenosine A1 Receptor Antagonist BG9928 and furosemide in rats. 621
A. Gill, G. Smits, B. Ticho, E.T. Whalley (Cambridge, Hudson - US)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION II

Clinical Poster Area
Level 2 & 3

Efficacy of the adenosine a1 receptor antagonist bg9928 on diuretic resistance and sodium retention induced by chronic furosemide treatment in rats. 622

A. Gill, K. Wortham, D. Costa, B. Ticho, ET. Whalley (Cambridge, Watertown - US)

Vascularisation of engineered heart tissue in the chorioallantoic membrane assay. 623

M. Boenstrup, A. Hansen, A. Eder, M. Flato, T. Rau, T. Eschenhagen (Hamburg - DE)

Effect on left ventricular diastolic function with captopril monotherapy and combination treatment with candesartan cilexetil in type II diabetes rat model. 624

K.H. Ryu, S.W. Han, M.M. Lee, S.C. Chae (Daegu, Ilsan, Seoul - KR)

High dose of folic acid prevents and stabilizes pressure-overload induced ventricular remodeling. 625

A. Moens, H.C. Champion, M.S. Wollin, D.A. Kass (Maastricht - NL, Baltimore, New York - US)

Vascular biology, other.

Role of coagulation factor VII hypercoagulant activity in insulin resistant hypertensive subjects. 626

R. Karatela, G. Sainani (Mumbai - IN)

Factor vii hypercoagulant activity in insulin resistant coronary heart disease (CHD) patients. 627

R. Karatela, G. Sainani (Mumbai - IN)

Identification of new biomarkers of vascular smooth muscle cells ageing from transcriptomic and miRNA studies. 628

A. Marchand, F. Atassi, P. Leprince, C. Lefevre, S. Nadaud, A.-M. Lompre (Paris - FR)

The role of endothelial Nox2 NADPH oxidase in inflammatory oedema formation in vivo. 629

S.P. Alom Ruiz, E. Fernandes, N. Anilkumar, A.C. Brewer, S.D. Brain, A.M. Shah (London - GB)

Exercise-induced changes in endothelial progenitor cell function in untrained versus trained heart failure patients. 630

E. Van Craenenbroeck, P. Beckers, N. Possemiers, J. Roeykens, K. Wuyts, B. Paelinck,

C. Vrints (Edegem - BE)

Investigation of the effectiveness of ACE inhibitor therapy. 631

M. Fagyas, I. Rutkai, T. Szerafin, Z. Galajda, I. Edes, Z. Papp, J. Szentmiklosi, A. Toth

(Debrecen - HU)

Endothelial progenitor cells, a troian horse in systemic endothelial damage in patients with cardiac parvovirus B19? 632

C. Schmidt-Lucke, F. Escher, S. Van Linthout, H. Fechner, S. Weger, D. Lassner, H.P. Schultheiss,

C. Tschope (Berlin - DE)

Transactivation of arachidonic acid pathway by anandamide affects microvascular autoregulation. 633

A. Czikora, E. Lizanecz, J. Boczan, A. Darago, I. Edes, Z. Papp, A. Toth (Debrecen - HU)

Effects of pro-inflammatory cytokines and oxidative stress on endothelial progenitor cell numbers. 634

I. Andreou, D. Tousoulis, C. Papadimitriou, M. Tsiatas, C. Tentolouris, P. Gounari,

A.M. Dimopoulos, C. Stefanadis (Athens - GR)



HIGHLIGHTS FROM HEART FAILURE 2009

Updates from the Heart Failure Association Winter and Summer meetings
and the European Journal of Heart Failure

Chairpersons:

T. Jaarsma (Groningen, NL)

P. Seferovic (Belgrade, RS)

New science.

T. Eschenhagen (Hamburg, DE)

New diagnostic and prognostic insights.

M.R. Cowie (London, GB)

Therapeutic news.

F. Zannad (Dommartin-Les-Toul, FR)

My top ten papers from the European Journal of Heart Failure 2008/9.

K. Swedberg (Gothenburg, SE)

Monday 1 June 2009 - Morning

08:30 - 10:00

MAIN SESSION

Apollon

What did I miss at the:

Chairpersons: H. Drexler (Hannover, DE); M. Pfeffer (Boston, US)

08:30	AHA.	678
	B.M. Pieske (Graz - AT)	
08:52	HFSA.	679
	M.A. Konstam (Boston - US)	
09:15	ESC.	680
	M. Komajda (Paris - FR)	
09:37	ACC.	681
	G.C. Fonarow (Los Angeles - US)	

08:30 - 10:00

JOINT SESSION

Les Muses

All you need to know about unusual causes of heart failure

A joint session with the South African Heart Failure Society (HeFSSA)

Chairpersons: P. Seferovic (Belgrade, RS); K. Sliwa-Hahnle (Johannesburg, ZA)

08:30	Aids and the heart.	682
	B.M. Mayosi (Cape Town - ZA)	
08:52	Peri-partum cardiomyopathy.	683
	D. Hilfiker-Kleiner (Hannover - DE)	
09:15	Unusual causes of heart failure in Sub-Saharan Africa.	684
	K. Sliwa-Hahnle (Johannesburg - ZA)	
09:37	Tako-Tsubo cardiomyopathy.	685
	G. Parodi (Firenze - IT)	

08:30 - 10:00

HOW-TO SESSION

Athéna

How to design a trial in acute and chronic heart failure in 2009

Chairpersons: G. Calvo Rojas (Barcelona, ES); A.P. Maggioni (Florence, IT)

08:30	Symptoms vs morbidity/mortality: What is the most important end-point to measure?	686
	M. Gheorghiade (Chicago - US)	
08:52	Chronic heart failure: What are the most important surrogate end-points?	687
	I.S. Anand (Edina - US)	
09:15	Acute heart failure: what are the most important surrogate end-points?	688
	G.S. Filippatos (Athens - GR)	
09:37	Unconventional end-points in heart failure trials.	689
	J.G.F. Cleland (Kingston upon Hull - GB)	



08:30 - 10:00

ORAL ABSTRACT SESSION

Calypso

Young Investigator Award - Clinical

Chairpersons: H.J. Dargie (Glasgow, GB); To be announced

- Judges. 690
To be announced, K. Dickstein (Stavanger - NO), P. Ponikowski (Wroclaw - PL)
- 08:30 Heart failure with preserved ejection fraction is greatly underdiagnosed and associated with a poor survival in acute patients admitted with dyspnoea. 691
C.M. Carlsen, L. Kober, C. Torp-Pedersen, V. Kirk, M. Bay, O.W. Nielsen (Copenhagen, Hellerup - DK)
- 08:45 ATS/ERS versus GOLD criteria for detection of irreversible airway obstruction in chronic heart failure. 692
R. Steinacher, J. Eichinger, B. Strohmer, M. Pichler, J. Altenberger (Salzburg - AT)
- 09:00 Lower sympathetic activity in obese patients with chronic heart failure may partially explain the obesity paradox. 693
J. Rodriguez-Gonzalez, J. Comin-Colet, M. Rizzo, S. Ruiz-Bustillo, N. Badosa, M. Cladellas, A. Sainz, J. Bruguera-Cortada (Barcelona - ES)
- 09:15 Circulating hematopoietic stem cells in patients with chronic heart failure of ischaemic and non-ischaemic etiology. 694
O. Moiseeva, E. Karelkina, V. Moroshkin, E. Shlyakhto (St.Petersburg - RU)
- 09:30 Differential prognostic effect on mortality of systolic blood pressure according to left ventricular function in patients with acute heart failure. 695
P. Merlos, J. Nunez, G. Minana, J. Sanchis, V. Bodi, C. Bonanad, G. Bruixola, A. Llacer (Valencia - ES)
- 09:45 Serum soluble ST2: a potential novel mediator in left ventricular and infarct remodelling after acute myocardial infarction. 696
R.A.P. Weir, A.M. Miller, S. Clements, T. Steedman, J.M.C. Connell, I.B. McInnes, H.J. Dargie, J.J.V. McMurray (Glasgow - GB)

08:30 - 10:00

NURSING

Méditerranée

How to manage patients following transplant or implanted device

Chairpersons: M. Ryder (Dublin, IE); M.H.L. Van Der Wal (Groningen, NL)

- 08:30 Adherence to treatment for transplant patients - a need for improvement? 697
S.M. De Geest (Basel - CH)
- 08:52 Education and interventions in transplant patients and their families. 698
Z. Lawler (Dublin - IE)
- 09:15 Devices in heart failure: how to optimize follow up. 699
C. Stellbrink (Bielefeld - DE)
- 09:37 Monitoring devices false alarms: consequences for patients and nurses. 700
To be announced



Monday 1 June 2009 - Morning

08:30 - 10:00

BASIC SCIENCE

Hermès

Response and adaptation to stress

Chairpersons: G.F. Baxter (Cardiff, GB); H. Drexler (Hannover, DE)

- | | | |
|-------|--|-----|
| 08:30 | Radicals as stress signals - orchestration by NADPH oxidases.
A.M. Shah (London - GB) | 701 |
| 08:52 | Response and adaptation to hypoxia.
P.T. Schumacker (Chicago - US) | 702 |
| 09:15 | NHE1: transducer and inducer of cardiac stress?
M. Avkiran (London - GB) | 703 |
| 09:37 | Metabolic adaptation to stress.
V. Veksler (Chatenay-Malabry - FR) | 704 |



08:30 - 10:00

ORAL ABSTRACT SESSION

Neptune

Judges Choice Basic Science

Chairpersons: D. Garcia-Dorado Garcia (Barcelona, ES); T. Eschenhagen (Hamburg, DE)

- | | | |
|-------|--|-----|
| 08:30 | HMGB1 improves cardiac dysfunction and survival in the chronic state after MI.
Y. Takeishi, T. Kitahara, I. Kubota (Fukushima, Yamagata - JP) | 705 |
| 08:45 | A chemical genetic approach to determine the mechanism and consequences of p38 MAPK activation during myocardial infarction.
S. Kumphune, S. Jacquet, P. Sicard, J.E. Clark, S.J. O'keefe, M.S. Marber (London - GB, New Jersey - US) | 706 |
| 09:00 | Role of Cx43 in tolerance to ischaemia-reperfusion injury.
A. Rodriguez-Sinovas, J.A. Sanchez, E. Agullo, E. Miro-Casas, M. Ruiz-Meana, D. Garcia-Dorado (Barcelona - ES) | 707 |
| 09:15 | Stress (Takotsubo) Cardiomyopathy: Investigation of regional cardiac responses to high catecholamine levels.
A. Lyon, C. Mansfield, S. Harding (London - GB) | 708 |
| 09:30 | Iron Sucrose Complex ameliorates oxidative stress and reduces TNFalpha and NFkB activation in heart of iron-deficient anemic rats.
J. Toblli, F.J. Giani, M.C. Munoz, F.P. Dominici (Buenos Aires - AR) | 709 |
| 09:45 | Compensation for impaired myocardial phosphotransfer in guanidinoacetate-N-methyltransferase knockout mice.
D. Aksentijevic, C. Lygate, K. Makinen, L. Sebag-Montefiore, D. Medway, S. Neubauer (Oxford - GB) | 710 |

10:00 - 11:00

HFA GENERAL ASSEMBLY

Apollon

10:00 - 11:00

CLINICAL TRIAL FORUM

HFA Atrium

Clinical Trial Forum posters will be on display from Saturday 30 May until Tuesday 2 June in the HFA Atrium - level 3.

Moderators will discuss the Trials Posters with the audience and the presenters from 10:00 - 11:00.

Moderators: G. Jondeau (Paris, FR) To be announced

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

Prognosis

Chairpersons: J. Nanas (Athens, GR); A.A. Voors (Groningen, NL)

The following ten abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 10:00 - 11:00.

The impact of time to treatment on vasodilator efficacy in acute heart failure: Results from thePre- RELAX-AHF study. 711

G.M. Felker, J.R. Teerlink, P. Ponikowski, A.A. Voors, G. Filippatos, B.H. Greenberg, S.L. Teichman, M. Metra (Durham, San Francisco - US, Wroclaw - PL, Groningen - NL, Athens - GR, San Diego, San Mateo - US, Brescia - IT)

Prognostic role of cardiac troponin T measurement in acute heart failure with preserved systolic function. 712

N. Aspromonte, E.R. Perna, M. Feola, G. Di Tano, S.M. Macin, M. Chiatto, J.P. Cimbaro Canella, R. Valle (Rome - IT, Corrientes - AR, Fossano (Cuneo), Cremona, Cosenza, Chioggia (Venezia) - IT)

Noninvasive evaluation of systemic vascular resistance and cardiac output would help tailor optimal drug selection in acute decompensated heart failure. 713

M. Watanabe, K. Hashimura, H. Hayashida, T.S. Kato, H. Yokoyama, H. Kanzaki, M. Kitakaze (Osaka - JP)

Muscle ergoreflex did not contribute to ventilatory response during sub-maximal exercise in chronic heart failure with beta-blocker optimized treatment. 714

G. Guimaraes, S.A. Ferreira, V.S. Issa, P. Chizzola, G. Souza, L.E. Nery, J.A. Neder, E. Bocchi (Sao Paulo - BR)

Metaboreflex is deactivated by hyperoxia in chronic heart failure. 715

M.L. Labrunee, F. Despas, N.F. Franchitto, M.G. Galinier, J.M.S. Senard, A.P. Pathak (Toulouse - FR)

Mechanisms of right ventricular adaptation to exercise capacity in patients with idiopathic dilated cardiomyopathy. 716

J. Vormbrock, S.A. Machnick, T. Butz, H.-J. Trappe, G. Plehn (Herne - DE)

BNP usefulness as a marker for myocardial dysfunction in AL amyloidosis. 717

E. Stoica, D. Coriu, O. Chioncel, C. Macarie (Bucharest - RO)

Preoperative NT-proBNP and CRP predict postoperative cardiovascular events in noncardiac surgery. 718

E.-S. Jeon, J.H. Choi, J.J. Kim, D.J. Choi, M.C. Cho, K.H. Ryu (Seoul - KR, Chungju - KR)

Extracellular cardiac matrix biomarkers in patients with acute myocardial infarction complicated by left ventricular dysfunction and heart failure: Insights from the EPHEsus study. 719

W. Iraqi, P. Rossignol, R. Fay, J. Nuee, J.M. Ketelslegers, J. Vincent, B. Pitt, F. Zannad (Dommartin Les Toul - FR, Brussels - BE, New York, Ann Arbor - US)

Chronic obstructive pulmonary disease in patients with chronic heart failure: prevalence, clinical characteristics and long-term outcome. 720

M. Lainscak, L. Hodosek-Majc, H.D. Duengen, W. Doeber, S. Von Haehling, S.D. Anker (Golnik, Murska Sobota - SI, Berlin - DE)

08:30 - 12:30

CLINICAL POSTER SESSION III

Page 99 to 113

08:30 - 12:30

BASIC SCIENCE POSTER SESSION III

Page 114 to 118

All abstract details are available for consultation in the specially designed Posters pages of this Programme (Page 99 to 118).

Don't Miss

HFA General Assembly

10:00 - 11:00

Apollon



Monday 1 June 2009 - Morning

11:00 - 12:30

MAIN SESSION

Apollon

Late Breaking Trials

Programme confirmed in the Addendum

11:00 - 12:30

JOINT SESSION

Les Muses

Pills don't work if patients don't take them

A joint session with the American Association of Heart Failure Nurses (AAHFN)

Chairpersons: K. Rasmussen (Salt Lake City, US); A. Stromberg (Linköping, SE)

- | | | | |
|-------|--|---|-----|
| 11:00 | Non adherence to medication: scope of the problem and predictors.
M.H.L. Van Der Wal (Groningen - NL) |  | 983 |
| 11:22 | Relationship adherence and survival.
K. Rasmussen (Salt Lake City - US) | | 984 |
| 11:45 | Cognitive dysfunction and adherence.
I. Ekman (Gothenburg - SE) | | 985 |
| 12:07 | Influencing knowledge and beliefs in improving adherence.
S.J. Pressler (Ann Arbor - US) | | 986 |

11:00 - 12:30

EDUCATIONAL - TRAINING

Athena

Managing my heart failure patient's other problems

Chairpersons: U.G. Dahlstrom (Linköping, SE); J. Nanas (Athens, GR)

- | | | | |
|-------|---|--|-----|
| 11:00 | Obstructive pulmonary disease.
F.H. Rutten (Utrecht - NL) | | 987 |
| 11:22 | Anaemia.
P. Ponikowski (Wrocław - PL) | | 988 |
| 11:45 | Depression.
C.E. Angermann (Würzburg - DE) | | 989 |
| 12:07 | Polypharmacy and adherence in the elderly.
M. Komajda (Paris - FR) | | 990 |

11:00 - 12:30

TRANSLATIONAL

Calypso

New Drugs on the horizon II

Chairpersons: M.S. Nieminen (Helsinki, FI); A.M. Shah (London, GB)

- | | | | |
|-------|---|---|-----|
| 11:00 | Novel vasodilators.
M. Gheorghiade (Chicago - US) | | 991 |
| 11:22 | Direct renin inhibitors and aldosterone synthase inhibitors.
F. Zannad (Dommartin-Les-Toul - FR) | | 992 |
| 11:44 | Targeting the cardiorenal syndrome: adenosine A1 antagonists.
M. Metra (Brescia - IT) |  | 993 |
| 12:08 | Vasopressin antagonists.
M.A. Konstam (Boston - US) | | 994 |

11:00 - 12:30 NURSING Méditerranée

How to manage the complicated patient at the heart failure clinic Case based session



Chairpersons: M. Lainscak (Golnik, SI); M. Ryder (Dublin, IE)

- | | | |
|-------|--|-----|
| 11:00 | Motivating a new diagnosed young patient with heart failure.
B. Travers (Dublin - IE) | 995 |
| 11:30 | Heart failure symptom interpretation with COPD and depression.
A. Brostrom (Vreta Kloster - SE) | 996 |
| 12:00 | Keeping the NYHA III patient well in the community.
M. Ryder (Dublin - IE) | 997 |

11:00 - 12:30 BASIC SCIENCE Hermès

EC-coupling: Sparks, waves and leaks

Chairpersons: D.M. Bers (Maywood, US); D.A. Eisner (Manchester, GB)

- | | | |
|-------|---|------|
| 11:00 | Dysfunctional Ca ²⁺ release.
G.L. Smith (Glasgow - GB) | 998 |
| 11:22 | Phosphorylation of the ryanodine receptor.
R. Sitsapasan (Bristol - GB) | 999 |
| 11:45 | Overexpression of FKBP12.6 reduces cardiac arrhythmia.
J.J. Mercadier (Paris - FR) | 1000 |
| 12:07 | Homer 1a-regulation of nuclear IPR3.
E. Bortoloso (Padua - IT) | 1001 |

11:00 - 12:30 BASIC SCIENCE Neptune

Surfing the data tsunami: a systems biology approach

Chairpersons: M. Gotthardt (Berlin, DE); L. Neyses (Manchester, GB)

- | | | |
|-------|---|------|
| 11:00 | Quantitative trait analysis for determinants of left ventricular mass.
S.A. Cook (London - GB) | 1002 |
| 11:22 | Using proteomics and metabolomics to dissect mechanisms of cardiac adaptation.
M. Mayr (London - GB) | 1003 |
| 11:45 | Genome-wide analysis of genes predisposing to LVH.
I. Barba (Barcelona - ES) | 1004 |
| 12:07 | Systems biology and the heart.
L. Neyses (Manchester - GB) | 1005 |

Monday 1 June 2009 - Lunchtime

12:35 - 13:50

SATELLITE SYMPOSIUM

Les Muses

Should we screen cardiac patients for Sleep Apnoea? When, why and how Satellite Symposium organised by ResMed

Chairpersons: M.R. Cowie (London, GB); Y. Peker (Skovde, SE)

12:35	Introduction.	1006
	Y. Peker (Skovde - SE)	
12:40	Sleep Apnoea and Ischaemic Heart Disease.	1007
	Y. Peker (Skovde - SE)	
13:00	Sleep Apnoea and Heart Failure.	1008
	L. Hittinger (Creteil - FR)	
13:20	SERVE-HF study. Treatment of Sleep-Disordered Breathing in HF patients: Rationale, Design and Methodology.	1009
	M.R. Cowie (London - GB)	
13:40	Conclusion.	1010
	M.R. Cowie (London - GB)	

12:35 - 13:50

SATELLITE SYMPOSIUM

Calypso

mIBG to identify subjects at risk of adverse cardiac event: new clinical data Satellite Symposium organised by GE Healthcare

Chairpersons: J.J. Bax (Leiden, NL); K. Dickstein (Stavanger, NO)

12:35	Introduction.	1011
	K. Dickstein (Stavanger - NO)	
12:40	The epidemiologic burden of heart failure.	1012
	K. Dickstein (Stavanger - NO)	
12:55	Sympathetic innervation and heart failure.	1013
	M. Boehm (Homburg/Saar - DE)	
13:10	mIBG to risk-stratify for sudden death; impact on ICD implantation.	1014
	J.J. Bax (Leiden - NL)	
13:25	ADMIRE-HF: Multicenter phase III study evaluating the prognostic usefulness of mIBG scintigraphy for identifying subjects at risk of adverse cardiac event.	1015
	D. Agostini (Caen - FR)	
13:40	Conclusions.	1016

12:35 - 13:50

SATELLITE SYMPOSIUM

Méditerranée

Preserving renal function in Acute Heart Failure (AHF): emerging therapies for a new paradigm

Satellite Symposium organised by Merck, Sharp & Dohme

Chairpersons: G.S. Filippatos (Athens, GR); M.S. Nieminen (Helsinki, FI)

12:35	Welcome and opening remarks.	1017
	M.S. Nieminen (Helsinki - FI)	
12:40	AHF: definition, clinical presentation and unmet needs.	1018
	J.G.F. Cleland (Kingston upon Hull - GB)	

Monday 1 June 2009 - Lunchtime

12:35 - 13:50	SATELLITE SYMPOSIUM	Méditerranée
12:55	Cardiorenal syndrome in AHF: new developments in understanding the relationship between the heart and the kidneys. D.J. van Veldhuisen (Groningen - NL)	1019
13:10	Short and long-term outcomes associated with worsening renal function in AHF. A.P. Maggioni (Florence - IT)	1020
13:25	Treating cardiorenal syndrome in AHF: rationale and clinical outcomes for a new paradigm of adenosine A1 blockade. M. Metra (Brescia - IT)	1021
13:40	Discussion and conclusions. G.S. Filippatos (Athens - GR)	1022

12:35 - 13:50	SATELLITE SYMPOSIUM	Hermès
The worldwide view across the heart failure patient-care continuum: Biomarker utilisation from diagnosis to prognosis with acute decompensated heart failure and cardio-renal syndrome		
Satellite Symposium organised by Inverness Medical		
Chairpersons: M. Komajda (Paris, FR); C. Mueller (Basel, CH)		
12:35	Introduction of symposium. M. Komajda (Paris - FR)	1023
12:40	Heart failure across the globe: innovative views from Europe to China. C. Mueller (Basel - CH)	1024
12:55	Community assessment with biomarkers: the key role of BNP for diagnosis and prognosis. K. McDonald (Dublin - IE)	1025
13:10	Principles of cardio-renal syndrome with acute kidney injury: how can biomarker utilisation assist. S. Di Somma (Roma - IT)	1026
13:25	BNP utilisation for clinical trials: the role with drugs, devices and diagnosis in research. F. Zannad (Dommartin-Les-Toul - FR)	1027
13:40	Closure of symposium and Q&A. C. Mueller (Basel - CH)	1028

12:35 - 13:50	SATELLITE SYMPOSIUM	Neptune
Advanced Heart Failure - A call to action		
Satellite Symposium organised by Thoratec Europe Ltd.		
Chairpersons: P.J. Mohacsi (Bern, CH); M. Metra (Brescia, IT)		
12:35	Introduction. P.J. Mohacsi (Bern - CH)	1029
12:40	Medical management of advanced Heart Failure patients in 2009. J.N. Trochu (Nantes - FR)	1030

Monday 1 June 2009 - Lunchtime

12:35 - 13:50

SATELLITE SYMPOSIUM

Neptune

12:52	Current CRT studies and opportunities for VADs with the non-responder group. C. Leclercq (Rennes - FR)	1031
13:04	European heart transplantation in 2009. R. Hetzer (Berlin - DE)	1032
13:16	Results post HtX of patients implanted with a VAD. P. Leprince (Paris - FR)	1033
13:28	Patient Selection - Can we improve NYHA Class 4 patients with VAD therapy. L. Miller (Minneapolis - US)	1034
13:40	Conclusion and discussion. P.J. Mohacsi, M. Metra (Bern - CH, Brescia - IT)	1035

14:00 - 15:30

MAIN SESSION

Apollon

Can you afford not to implant devices?

Chairpersons: K. Swedberg (Gothenburg, SE); C. Leclercq (Rennes, FR)

- | | | | |
|-------|---|---|------|
| 14:00 | Health economics for the clinician - what do we need to know?
M.R. Cowie (London - GB) |  | 1036 |
| 14:22 | ICD?
G. Boriani (Bologna - IT) | | 1037 |
| 14:45 | CRT?
P.E. Vardas (Heraklion - GR) | | 1038 |
| 15:07 | LVAD?
B. Lamp (Bad Driburg - DE) | | 1039 |

14:00 - 15:30

MAIN SESSION

Les Muses

How to use LVADs in 2009

Chairpersons: G.S. Filippatos (Athens, GR); F. Oliva (Milan, IT)

- | | | | |
|-------|--|--|------|
| 14:00 | Choosing the patient for bridge to transplant.
P. Leprince (Paris - FR) | | 1040 |
| 14:22 | Choosing the patient for destination therapy.
M.H. Yacoub (Harefield - GB) | | 1041 |
| 14:45 | Choosing between devices.
A. Pitsis (Thessaloniki - GR) | | 1042 |
| 15:07 | Surgical and medical complications associated with LVADs.
A. Haverich (Hannover - DE) | | 1043 |

14:00 - 15:30

HOW-TO SESSION

Athéna

How to prevent the transition from hypertension to heart failure

Chairpersons: Z. Vasiljevic-Pokrajacic (Belgrade, RS); F. Zannad (Dommartin-Les-Toul, FR)

- | | | | |
|-------|---|---|------|
| 14:00 | Mechanisms of transition from hypertension to heart failure: The heart.
A.A. Voors (Groningen - NL) |  | 1044 |
| 14:22 | Mechanisms of transition from hypertension to heart failure: The vessels.
To be announced | | 1045 |
| 14:45 | Prevention of heart failure in hypertension trials: The role of blood pressure lowering.
T. Unger (Konigswinter - DE) | | 1046 |
| 15:07 | Prevention of heart failure in hypertension trials: Specific mechanisms beyond blood pressure lowering.
M. Volpe (Rome - IT) | | 1047 |

14:00 - 15:30

TRANSLATIONAL - STATE OF THE ART

Calypso

What goes wrong in heart failure with preserved ejection fraction?

Chairpersons: D.L. Brutsaert (Kontich, BE); J. Diez Martinez (Pamplona, ES)

- | | | |
|-------|-----------------------------|------|
| 14:00 | Diastolic LV dysfunction. | 1048 |
| | D. Westermann (Berlin - DE) | |
| 14:22 | Chronotropic incompetence. | 1049 |
| | V. Melenovsky (Prague - CZ) | |
| 14:44 | Left atrial dysfunction. | 1050 |
| | P.N. Marino (Novara - IT) | |
| 15:08 | Arterial stiffness. | 1051 |
| | To be announced | |

14:00 - 15:30

BASIC SCIENCE

Méditerranée

Emerging targets from basic mechanisms

Chairpersons: G. Valen (Oslo, NO); E. Hirsch (Turin, IT)

- | | | |
|-------|--|------|
| 14:00 | Phosphatase inhibitor-1 in inotropy and remodelling. | 1052 |
| | A. El-Armouche (Hamburg - DE) | |
| 14:22 | PI3K signalling and inflammation. | 1053 |
| | E. Hirsch (Torino - IT) | |
| 14:45 | Pentraxins. | 1054 |
| | R. Latini (Milan - IT) | |
| 15:07 | Matrix modulation. | 1055 |
| | S. Heymans (Maastricht - NL) | |

14:00 - 15:30

BASIC SCIENCE

Hermès

How-to on new model systems for cardiac disease

Chairpersons: P.R. Riley (London, GB); F.P. Limbourg (Hannover, DE)

- | | | |
|-------|--|------|
| 14:00 | Cardiac conduction system function in chicken. | 1056 |
| | D. Sedmera (Prague - CZ) | |
| 14:22 | Zebrafish as a model system for heart development. | 1057 |
| | J. Bakkers (Utrecht - NL) | |
| 14:45 | Analysis of SAN function in the mouse and zebrafish. | 1058 |
| | T. Brand (Wuerzburg - DE) | |
| 15:07 | Cardiac cell fate specification in Drosophila. | 1059 |
| | K. Jagla (Clermont Ferrand - FR) | |

14:00 - 15:30

ISHR OUTSTANDING INVESTIGATOR AWARD SESSION

Neptune

The sarcomere: Contraction and beyond

Chairpersons: J.J. Mercadier (Paris, FR); M. Avkiran (London, GB)



14:00	ISHR Outstanding Investigator Award : Titin-linked cardiomyopathies. M. Gautel (London - GB)	1060
14:30	Cell-signalling modifications of sarcomeric proteins. W. Linke (Muenster - DE)	1061
14:50	Alternate splicing of sarcomeric proteins. M. Gotthardt (Berlin - DE)	1062
15:10	Regulation of length-dependency. O. Cazorla (Montpellier - FR)	1063

14:00 - 18:00

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00.

Pathophysiology of heart failure

Chairpersons: G.W.A. De Keulenaer (Wilrijk, BE); To be announced

The following five abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 15:30 - 16:00.

Assessment of left ventricular function in heart failure: limits of Three-Dimensional Echocardiography in real life.	1064
P. Mocerì, D. Bertora, P. Gibelin (Nice - FR)	
The association between diastolic dysfunction, severity of symptoms and plasma levels of midregional pro-Adrenomedullin (MR-proADM) in a cardiovascular risk population.	1065
F. Edelmann, I. Rahn, R. Wachter, G. Gelbrich, A. Kockskaemper, J. Kunde, J.A. Papassotiropoulos, B. Pieske (Goettingen, Leipzig - DE, Graz - AT, Henningsdorf - DE)	
New predictor of the left ventricle dyssynchrony assessment in ischaemic heart failure patients.	1066
A. Romanov, E. Pokushalov, D. Prohorova (Novosibirsk - RU)	
Relationship between left ventricular torsion, longitudinal shortening and function in healthy subjects and patients with end-stage heart failure: a CMR study.	1067
S.A. Timmer, I.K. Russel, G. De Roest, M.J.W. Gotte, A.C. Van Rossum (Amsterdam - NL)	
Inflammation and quality of life in patients with newly diagnosed systolic heart failure (The Hellenic heart failure study).	1068
C. Chrysoshoou, I. Kotrogiannis, K. Vassiliadou, D. Panagiotakos, G.C. Metallinos, C. Kastorini, C. Pitsavos, C. Stefanadis (Athens - GR)	

14:00 - 18:00

CLINICAL POSTER SESSION IV

Page 119 to 131

14:00 - 18:00

BASIC SCIENCE POSTER SESSION IV

Page 132 to 136

All abstract details are available for consultation in the specially designed Posters pages of this Programme (Page 119 to 136).

16:00 - 17:30

HYDE PARK CORNER

Apollon

16:00

Awards Ceremony

16:20

Hyde Park Corner

Programme confirmed in the Addendum

16:00 - 17:30

NURSING

Calypso

How to monitor patients remotely in daily practice

Chairpersons: S.J. Pressler (Ann Arbor, US); F.D.R. Hobbs (Birmingham, GB)

- | | | | |
|-------|---|------|---|
| 16:00 | Telemonitoring in heart failure: Is it effective.
S. Stewart (Melbourne - AU) | 1306 |  |
| 16:22 | Monitoring patient compliance: New methods.
S.M. De Geest (Basel - CH) | 1307 | |
| 16:44 | Monitoring patient symptoms remotely: What skills are needed?
I. Ekman (Gothenburg - SE) | 1308 |  |
| 17:08 | Are nurses still needed in the era of telemonitoring?
L.M. Blue (Glasgow - GB) | 1309 | |

16:00 - 17:30

BASIC SCIENCE

Méditerranée

Cytokines - more than just inflammatory mediators?

Chairpersons: J.L. Samuel (Paris, FR); E. Hirsch (Turin, IT)

- | | | |
|-------|---|------|
| 16:00 | Cytokines and exercise-induced remodelling.
B.K. Pedersen (Copenhagen - DK) | 1310 |
| 16:22 | Novel cytokines/chemokines as anti-inflammatory targets.
D. Hilfiker-Kleiner (Hannover - DE) | 1311 |
| 16:45 | Role of cytokines in atherosclerosis.
Z. Mallat (Paris - FR) | 1312 |
| 17:07 | Cytokines and cardioprotection.
R.J. Heads (London - GB) | 1313 |

16:00 - 17:30

BASIC SCIENCE

Hermès

Transition to heart failure: angiogenesis and the role of non-myocytes

Chairpersons: G. Condorelli (Milan, IT); A.M. Shah (London, GB)

- | | | |
|-------|---|------|
| 16:00 | Thymosin beta4 and angiogenesis.
P.R. Riley (London - GB) | 1314 |
| 16:22 | VEGF signalling in cardiac angiogenesis.
E. Keshet (Jerusalem - IL) | 1315 |
| 16:45 | Neurotrophins and cardiac angiogenesis.
C. Emanueli (Bristol - GB) | 1316 |
| 17:07 | Reverse remodeling - lessons from exercise training.
O. Ellingsen (Trondheim - NO) | 1317 |

16:00 - 17:30

BASIC SCIENCE

Neptune

How to create cardiomyocytes from progenitors or embryonic stem cells

Chairpersons: T. Eschenhagen (Hamburg, DE); M.D. Schneider (London, GB)

- | | | |
|-------|---|--|
| 16:00 | Human embryonic stem cell-derived cardiomyocytes: Are they the real thing?
S.E. Harding (London - GB) |  1318 |
| 16:22 | Cardiomyocytes from induced pluripotent stem (iPS) cells.
U. Martin (Hannover - DE) | 1319 |
| 16:45 | Cardiac progenitor-derived cardiomyocytes- atrial, ventricular or something else?
P.A.F.M. Doevendans (Utrecht - NL) | 1320 |
| 17:07 | Cardiomyocytes from parthenogenetic stem cells.
M. Didie (Hamburg - DE) | 1321 |

Evening
Programme

18:00 - 19:30

SATELLITE SYMPOSIUM

Calypso

Management of Chronic Heart Failure in challenging patients

Satellite Symposium organised by Merck Serono, a division of Merck KGaA

Chairpersons: R. Willenheimer (Malmö, SE); F. Zannad (Dommartin-Les-Toul, FR)

- | | | |
|-------|--|------|
| 18:00 | Introduction. | 1322 |
| | F. Zannad (Dommartin-Les-Toul - FR) | |
| 18:05 | CHF management 2009: the pivotal role of beta-blockade. | 1323 |
| | R. Willenheimer (Malmö - SE) | |
| | <i>Contemporary approaches and future expectations: how to treat.</i> | |
| 18:25 | 1) Patients with complications of CHF. | 1324 |
| | D.J. van Veldhuisen (Groningen - NL) | |
| 18:45 | 2) Patients with co-morbid conditions. | 1325 |
| | P. Ponikowski (Wrocław - PL) | |
| 19:05 | Panel discussion: how to integrate science and evidence into practice? | 1326 |
| | P. Ponikowski, D.J. van Veldhuisen, R. Willenheimer, F. Zannad
(Wrocław - PL, Groningen - NL, Malmö - SE, Dommartin-Les-Toul- FR) | |
| 19:25 | Closing remarks. | 1327 |
| | R. Willenheimer (Malmö - SE) | |

18:00 - 19:30

SATELLITE SYMPOSIUM

Hermès

Heart Failure and co-morbidities in elderly

Satellite Symposium organised by Menarini International

Chairpersons: K. Dickstein (Stavanger, NO); J.J.V. McMurray (Glasgow, GB)

- | | | |
|-------|---|------|
| 18:00 | Introduction. | 1328 |
| 18:0 | SENIORS trial: effect of beta-blockers in elderly patients with heart failure. | 1329 |
| | M. Flather (London - GB) | |
| 18:30 | SENIORS trial: effect of beta-blockers in elderly patients with impaired renal function. | 1330 |
| | A. Cohen-Solal (Paris - FR) | |
| 18:55 | SENIORS trial: effect of beta-blockers in elderly patients with impaired and preserved ejection fraction. | 1331 |
| | D.J. van Veldhuisen (Groningen - NL) | |
| 19:20 | Discussion. | 1332 |

Posters Sessions

Poster session Clinical III - Morning

Acute heart failure.....	Page 99
Natriuretic peptides.....	Page 104
Prognosis.....	Page 109

Poster session Clinical IV - Afternoon

Disease management programmes.....	Page 119
Nursing.....	Page 121
Population studies / Epidemiology.....	Page 122
Psychosocial / ethical concepts.....	Page 125
Other.....	Page 125
Exercise testing.....	Page 129

Poster session Basic III - Morning

Pulmonary hypertension.....	Page 114
Prognosis.....	Page 114
Acute heart failure.....	Page 114
MRI & Cardiac radiology.....	Page 114
Animal models and experimentation.....	Page 115
Cell Signalling.....	Page 116
Cellular biology & cellular electrophysiology.....	Page 117
Coronary circulation.....	Page 118

Poster session Basic IV - Afternoon

Disease management programmes.....	Page 132
Exercise testing.....	Page 132
Other.....	Page 132
Population studies / Epidemiology.....	Page 132
Metabolism / Ischemia / Reperfusion / Preconditioning.....	Page 132
Cell Signalling.....	Page 133
Cellular biology & cellular electrophysiology.....	Page 135
Gene and cell therapy.....	Page 135

08:30 - 12:30

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

These abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 10:00 - 11:00. Details on page 84.

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30. The presenter should be present throughout the coffee break (10:00 to 11:00) in order to discuss the poster.

Acute heart failure.

Early improvement in dyspnea and preservation of renal function are associated with 60-day clinical outcomes in patients admitted with acute heart failure. 731

M. Metra, B.D. Weatherley, G. Cotter, D. Bloomfield, G. Mansoor, H.C. Dittrich, B.M. Massie, C.M. O'Connor (Brescia - IT, Durham, Rahway, Whitehouse Station, San Francisco - US)

Periodic measurements of lung impedance as a method to predict decompensation and hospitalization in heart failure patients followed in an outpatient clinic. 732

M. Shochat, M. Kasatzker, V. Gurovich, A. Frimerman, P. Rabinovich, D. Blondhaim, A. Shotan, S. Meisel (Hadera, Tel Aviv - IL)

The incremental value of physical examination, laboratories, and KCCQ at one-week post-discharge in assessing prognosis in patients hospitalized with heart failure: insights from the EVEREST trial. 733

S. Dunlay, L.A. Allen, K.J. Reid, P.S. Chan, K. Swedberg, M.A. Konstam, J.A. Spertus, M. Gheorghiade (Rochester, Denver, Kansas City - US, Gothenberg - SE, Boston, Chicago - US)

Worsening renal function and morbidity/mortality in acute heart failure: Italian survey on acute heart failure. 734

B. Del Taglia, A.P. Maggioni, O. Ciampi, G. Fabbri, L. Gonzini, S. Urbinati, M.T. Zunino, L. Tavazzi (Florence, Benevento, Bologna, Acqui Terme, Cotignola - IT)

Multicenter Acute Heart Failure Registry - baseline characteristics and in-hospital mortality. 735
J. Parenica, R. Miklik, J. Belohlavek, M. Fedorco, J. Kettner, M. Penicka, J. Spinar, J. Vitovec (Brno, Prague, Olomouc - CZ)

Indicators - do they improve performance? Results from the Danish National Indicator Project. 736
A. Nakano, J.F. Ebstrup, S.P. Johnsen, K. Egstrup (Aarhus, Glostrup, Svendborg - DK)

Dyspnea measurement in acute heart failure: When should we use the Likert and the visual analog scales? Analysis of results from the Pre-RELAX AHF study. 737

E. Unemori, M. Metra, J.R. Teerlink, A.A. Voors, G.M. Felker, P. Ponikowski, B. Weatherley, S.L. Teichman (San Mateo, Brescia - IT, San Francisco US, Groningen - NL, Durham - US, Wrocław - PL, Alamo - US)

The Centrimag support system as a bridge-to-bridge device in patients with various forms of heart failure. 738

N. Reiss, L. Kizner, L. Arusoglu, M. Morshuis, M. Schoenbrodt, J. Gummert (Bad Oeynhausen - DE)

- Renal function at admission and its association with morbidity/mortality in acute heart failure: Italian survey on acute heart failure. 739
B. Del Taglia, A.P. Maggioni, A. Chinaglia, G. Fabbri, G. Ferlito, E. Fino, D. Lucci, L. Tavazzi (Florence, Turin, Napoli, Bari, Cotignola - IT)
- Persistent subclinical hyper-hydration in patients after acute heart failure. 740
N. Aspromonte, M. Feola, S. Barro, M. Chiatto, L. Milani, G. Sirianni, M. Milli, R. Valle (Rome, Fossano (Cuneo), San Dona'di Piave, Venezia, Cosenza, Firenze, Chioggia, Venezia - IT)
- Reduction in serum bilirubin and improved survival in hospitalized patients with heart failure due to acute myocardial infarction and left ventricular systolic dysfunction. 741
S. Khan, B. Pitt, F. Zannad, M. Gheorghiade, G. Filippatos, S.D. Anker, B. Liu, A. Ahmed (Chicago, Ann Arbor - US, Nancy - FR, Athens - GR, Berlin - DE, Birmingham - US)
- Acute hemodynamic efficacy and safety of intravenous administration of nicorandil in patients with acute heart failure syndromes. 742
E. Kawada, Y. Minami, M. Nagashima, K. Kajimoto, H. Inoue, H. Arashi, T. Shiga, N. Hagiwara (Tokyo - JP)
- The Cost-Benefit Report associated with routinely using Levosimendan in patients with systolic dysfunction undergoing coronary artery bypass grafting. 743
L. Iliuta (Bucharest - RO)
- Trimetazidine treatment improves myocardial resistance-to-injury during acute decompensation in patients with chronic heart failure. 744
P. Di Naples, A.A. Taccardi, A. Barsotti (Chieti, Genoa - IT)
- Health status after heart failure hospitalization predicts outcomes: insights from the EVEREST trial. 745
S. Dunlay, L.A. Allen, K.J. Reid, P.S. Chan, K. Swedberg, F. Zannad, M. Gheorghiade, J.A. Spertus (Rochester, Denver, Kansas City - US, Gothenberg - SE, Nancy - FR, Chicago - US)
- Acute heart failure persistence after myocardial infarction: association with baseline renal dysfunction and 1-year mortality. 746
S. Kozhukhov, A. Parkhomenko (Kiev - UA)
- Telemonitoring in patients with chronic heart failure- prevention of hospital admissions. 747
C. Sprenger, M. Oeff (Brandenburg/Havel - DE)
- Evaluation of short-term effects of levosimendan in patients with worsening heart failure using thoracic electrical bioimpedance. 748
I. Donoiu, A. Giuca, O. Istratoaie, C. Militaru, D.-D. Ionescu (Craiova - RO)
- Left bundle branch block and mortality in patients with severe acute heart failure syndrome: a sub-study of the EFICA cohort. 749
E. Huvelle, R. Fay, F. Alla, A. Cohen-Solal, A. Mebazaa, F. Zannad (Nancy, Paris - FR)
- Early in-hospital worsening HF predicts adverse outcome in patients admitted for AHF: results from the Pre-RELAX-AHF study. 750
B. Davison Weatherley, G. Cotter, G.M. Felker, J.R. Teerlink, G. Filippatos, A. Voors, B. Greenberg, M. Metra (Durham, San Francisco - US, Athens - GR, Groningen - NL, San Diego - US, Brescia - IT)
- The combination of low dose furosemide and low dose dopamine is effective and 751

- prevents worsening of renal function and hypokalemia during hospitalization for acute decompensated heart failure.
D. Economou, G. Karayannis, G. Giamouzis, I. Nastas, T. Tsaknakis, J. Skoularigis, J. Butler, F. Triposkiadis (Larissa, Volos - GR, Atlanta, Georgia - US)
- Liver function during hospitalization and its prognostic value in patients admitted with worsening heart failure: insights from the EVEREST trial. 752
S. Khan, J.E.A. Blair, M.A. Konstam, A.P. Maggioni, K. Swedberg, F. Zannad, T. Cook, M. Gheorghiade (Chicago, Boston - US, Florence - IT, Nancy - FR, Madison - US)
- Do women with acute heart failure differ from men? 753
J. Spinar, J. Vitovec, A. Linhart, J. Kettner, J. Widimsky, J. Parenica, D. Tomcikova, R. Miklik (Brno, Prague - CZ)
- Randomized, prospective comparison of continuous positive airway pressure (CPAP) versus bilevel non invasive pressure support ventilation (NIPSV) in acute cardiogenic pulmonary edema. 754
B. Fontanella, A. Affatato, F. Bianchetti, A. Saporetti, V. Carubelli, C. Ciccarese, M. Metra, L. Dei Cas (Brescia - IT)
- Admission Glycaemia and Creatinine levels as good predictors of Acute Heart Failure in patients with a Myocardial Infarction. 755
S.N.C. Barra, J. Silva, P. Gomes, R. Providencia, L. Seca, G. Costa, A. Caetano, A. Leitaõ Marques (Coimbra - PT)
- Changes in signs and symptoms during hospitalization with standard therapy: insights from the EVEREST trial. 756
S. Khan, M.A. Konstam, P.S. Pang, F. Zannad, A.P. Maggioni, K. Swedberg, J.A. Spertus, M. Gheorghiade (Chicago, Boston, Kansas City - US, Nancy - FR, Florence - IT, Gothenburg - SE)
- Vasodilators in acute heart failure (AHF): is there a blood pressure threshold? Results from the Pre-Relax-AHF study. 757
J.R. Teerlink, M. Metra, A.A. Voors, G.M. Felker, P. Ponikowski, G.S. Filippatos, B.H. Greenberg, S.L. Teichman (San Francisco - US, Brescia - IT, Groningen - NL, Durham - US, Wroclaw - PL, Athens - GR, San Diego, San Mateo - US)
- In-hospital mortality of patients with acute heart failure. 758
M. Felsoci, R. Miklik, J. Parenica, L. Dusek, J. Spinar (Brno - CZ)
- Gender related differences in patients with acute heart failure syndromes: a preliminary report from the Acute Decompensated Heart Failure Syndromes(ATTEND) Registry. 759
M. Mizuno, K. Kajimoto, N. Satoh, H. Kasanuki, K. Tanaka, K. Mizuno, T. Takano (Kurihashimachi, Fujisawashi, Tokyo - JP)
- Heart rate variability does not predict presence or severity of sleep apnoea during an acute heart failure exacerbation. 760
D. Karia, M.Z. Hoque, N. Huda, J. Lytton, K. Murthy (Philadelphia - US)
- International comparison of clinical use of inotrope and vasodilator therapy for acute decompensated heart failure. 761
H. Yokoyama (Suita - JP)
- Copeptin predicts outcome in patients with cardiogenic shock. 762
B. Meyer, P. Wexberg, N.G. Morgenthaler, A. Bergmann, J. Struck, G. Heinz, R. Pacher, M. Huelsmann (Vienna - AT, Hennigsdorf - DE)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- Persistent resting dyspnoea and/or congestion at discharge in patients admitted for acute heart failure. Incidence, characteristics and prognostic significance. 763
C. Lombardi, M. Metra, S. Bugatti, G. Verzura, L. Bettari, V. Lazzarini, F. Lipartiti, L. Dei Cas (Brescia - IT)
- Effectiveness of prolonged infusion of milrinone without a loading dose in patients with acute heart failure. 764
G. Aidonidis, I. Kanonidis, T. Neumann, H. Eggebrecht, G. Sakadamis, R. Erbel (Essen - DE, Thessaloniki - GR)
- Geographical variations in demographic, clinical, and treatment characteristics of emergency department patients with dyspnea from acute heart failure syndromes. 765
S. Collins, P. Pang, D. Kyriacou, M. Tavares, A. Storrow, S. Laribi, A. Mebazaa, M. Gheorghiade (Cincinnati, Chicago - US, Paris - FR, Nashville - US)
- The level of entry hemoglobin as a risk factor of 1-year mortality in patients admitted with acute heart failure. 766
R. Miklik, M. Felsoci, J. Parenica, J. Jarkovsky, J. Spinar (Brno - CZ)
- Levosimendan can eliminate the vicious circle of cardiorenal syndrome in acute decompensated heart failure patients. 767
M.S. Yilmazer, A. Aydin, T. Gurol, B. Bahadir (Istanbul - TR)
- Importance of comparison among acute decompensated heart failure syndromes registries including preliminary data from ATTEND registry. 768
N. Sato, K. Kajimoto, M. Nagashima, K. Asai, K. Mizuno, N. Hagiwara, T. Takano (Tokyo - JP)
- Changes in brain natriuretic peptide (BNP) predict 1 year outcome independently of renal function in the elderly with acute heart failure (AHF). 769
S. Verde, S. Pirelli, G. Di Tano, R. De Maria (Cremona, Milan - IT)
- Surviving a complicated acute myocardial infarction: which are the tricks? 770
S. Monteiro, N. Antonio, C. Lourenco, R. Teixeira, E. Jorge, R. Batista, P. Monteiro, L. Providencia (Coimbra - PT)
- Lack of efficacy of medical treatment in a subset of patients admitted for acutely decompensated chronic heart failure. 771
S. Bugatti, M. Metra, C. Lombardi, G. Verzura, L. Bettari, V. Lazzarini, F. Vassanelli, L. Dei Cas (Brescia - IT)
- Are patients with de novo acute heart failure and acutely worsened chronic heart failure two different subgroups of the same syndrome? 772
M. Banovic, Z. Vasiljevic-Pokrajacic, B. Vujisic-Tesic, S. Stankovic, I. Nedeljkovic, O. Petrovic, M. Petrovic, D. Trifunovic (Belgrade - RS)
- Clinical and prognostic impact of atrial fibrillation in patients admitted for acute heart failure. 773
D. Luis Durao, M. Peres, G.F. Silva (Santarem - PT)
- Severity of cardiac dyssynchrony in severe heart failure according to pulmonary congestion. 774
H.J. Yoon, S.W. Jin, S.H. Her, H.D. Kim, J.Y. Back, J.S. Jo, M.Y. Lee, T.H. Rho (Daejeon, Incheon, Seoul - KR)

Systolic Blood Pressure at Baseline Predicts Response to Atrial Natriuretic Peptide Monotherapy in Patients with Acute Decompensated Heart Failure and Left Ventricular Systolic Dysfunction.	775
K. Kajimoto, Y. Minami, Y. Sashida, D. Yumino, M. Mizuno, N. Hagiwara, H. Kasanuki (Tokyo - JP)	
Characteristics, treatments and outcomes of patients hospitalised for Acute Decompensated Heart Failure (ADHF) in Asia. Short term results from the AIIMS ADHF registry.	776
S. Seth, S. Ramakrishnan, N. Gupta, V.K. Bahl (New Delhi - IN)	
Pilot randomized study of estimation of heart rate control on decompensated heart failure patients needed inotropis support. Short term results.	777
A.G. Aroutunov (Moscow - RU)	
Our experiences with the critical congenital heart disease.	778
A. Jurko (Martin - SK)	
Impact of transient elevation of serum matrix metalloprotease-2 in patients with acute heart failure on their six-month outcomes.	779
M. Kunishige, Y. Kijima, S. Ishizuka, K. Kume, A. Matsuo, A. Nishibe, Y. Nakagawa, T. Hata (Osaka - JP)	
Estimation of left ventricular ejection fraction by echocardiography in an intensive care unit setting: Will it add prognostic value to APACHE II score?	780
E. Azenha Balhau Jorge, R. Baptista, E. Sousa, J. Pimentel (Coimbra - PT)	
Prehospital information of patients with acute heart failure syndromes.	781
N. Sato, T. Sakai, K. Harada, T. Yoshikawa, A. Takagi, T. Miyamoto, T. Nagao, M. Takayama (Tokyo - JP)	
Clinical characteristics of ischaemic acute heart failure: A report from ATTEND registry.	782
R. Munakata, N. Sato, K. Murai, Y. Minami, K. Kajimoto, K. Tanaka, K. Mizuno, T. Takano (Tokyo, Kanagawa - JP)	
Early monitoring of plasma and urinary NT-proBNP levels in acute heart failure.	783
S. Manzano Fernandez, R. Gracia, M.D. Martinez, M. Boronat-Garcia, I.P. Garrido, P. Martinez, M. Valdes, D.A. Pascual-Figal (Murcia - ES)	
Plasma troponin levels in patients admitted for acute heart failure: prevalence and prognostic significance.	784
G. Verzura, M. Metra, S. Bugatti, C. Lombardi, L. Bettari, A. Ussoli, F. Vassanelli, L. Dei Cas (Brescia - IT)	
Patients presenting with decompensated heart failure at the Emergency Department: a strategy management with use of levosimendan on top standard treatment.	785
A. Conti, B. Del Taglia, F. Moroni, B. Paladini, S. Magazzini, S. Grifoni (Florence - IT)	
Early statin therapy reduces the probability of in-hospital death in patients with STEMI and Cardiogenic Shock. Results of a nationwide registry.	786
S. Pernencar, J. Morais (Leiria - PT)	
Blood pressure paradox in acute heart failure.	787
J. Spinar, J. Vitovec, A. Linhart, J. Kettner, P. Widimsky, J. Parenica, R. Miklik, D. Tomcikova (Brno, Prague - CZ)	
Variations in the diagnosis of acute heart failure: do consultants and trainee doctors differ?	788
J.J. Murphy, H. Hancock, J. Mason (Darlington, Stockton-On-Tees - GB)	

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- The hyaluronic acid and type 4 collagen are possible for new marker of severity of congestive hepatopathy with chronic heart failure patients. 790
S. Sugihara, M. Hirai, Y. Kinugasa, Y. Kato, M. Kato, O. Igawa, I. Hisatome, C. Sigemasa (Yonago - JP)
- A simple risk score to predict in-hospital mortality in elderly patients with acute decompensated heart failure: Prognostic significance of hypoalbuminemia. 791
Y. Kinugasa, M. Kato, S. Sugihara, M. Hirai, K. Kotani, O. Igawa, I. Hisatome, C. Shigemasa (Yonago, Tochigi - JP)
- Prognosis value of serum and urinary NT-proBNP levels in an unselected population with acute heart failure. 792
S. Manzano Fernandez, R. Gracia, M.D. Martinez, M. Boronat-Garcia, M.D. Albaladejo-Oton, P. Martinez, M. Valdes, D.A. Pascual-Figal (Murcia - ES)
- Arrhythmias in patients with left ventricular systolic dysfunction and acute heart failure. 793
M. Felsoci, R. Miklik, J. Parenica, L. Dusek, J. Spinar (Brno - CZ)
- Are there any clinically significant differences between a group of patients with acute heart failure with preserved left ventricular systolic function and a group with left ventricular dysfunction? 794
L. Pohludkova, K. Zeman, J. Parenica, J. Spinar, D. Tomcikova, L. Dusek (Frydek-Mistek, Brno - CZ)
- Relaxin in acute heart failure: should renal dysfunction guide administration? Results from the pre-relax AHF study. 795
A.A. Voors, G.M. Felker, M. Metra, J.R. Teerlink, P. Ponikowski, B.H. Greenberg, E. Unemori, S. Teichman (Groningen - NL, Durham - US, Brescia - IT, San Francisco - US, Wroclaw - PL, San Diego, San Mateo - US)
- Serial versus single assay of N-terminal fragment of proBNP for prognostication after levosimendan in acutely decompensated heart failure. 796
R. Poletti, M. Fontana, A. Giannoni, A. Gabutti, G. Vergaro, L. Zyw, C. Passino, M. Emdin (Pisa - IT)
- Can blood gas values predict right ventricular dysfunction in acute pulmonary embolism? 797
L.F. Seca, M. Costa, A.M. Leita Marques (Coimbra - PT)
- Stress hyperglycaemia in acute myocardial infarction (AMI): a new indicator of heart failure. 798
B. Rodrigues, E. Correia, L. Ferreira Santos, R. Faria, P. Gama, P. Ferreira, J. Pipa, O. Santos (Viseu - PT)
- Stimulation of the calcium receptor: a new positive inotropic intervention of the post-ischaemic heart. 799
R. Schreckenberger, Y. Abdallah, K.D. Schlueter (Giessen - DE)
- New approaches in treatment of acutely decompensated heart failure. 800
N. Stancheva, K. Bakardgieva, V. Jordanova, S. Tisheva (Pleven - BG)
- Natriuretic peptides.**
- Can combining NT-proBNP with other clinical variables improves the diagnostic utility of pre-screening patients with suspected heart failure in primary care?: A cost-benefit analysis. 801
K. Goode, J. Zhang, A.S. Rigby, A.L. Clark, J.G.F. Cleland (Hull - GB)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- The level of BNP, not NT-proBNP, is more potent predictor of adverse cardiac events in patients with acute dyspnea. 802
S. Baek, Y. Koh, H. Park, M. Kim, H. Jung, H. Jeon, K. Seung, S. Lim (Seoul, Cheongju - KR)
- Role of the BNP level measure to define the cardiovascular status in pediatric and Guch cardiac patients: preliminary results. 803
G. Grutter, S. Volpe, F. Calo Carducci, R. Adorisio, G. Michielon, F. Parisi (Rome - IT)
- Clinical observations on plasma MR-proANP in patients with suspected heart failure. 804
J.G.F. Cleland, K. Goode, J. Struck, A. Bergmann, R. Nicholls, A.L. Clark, D. Cullington, H. Hado (Hull - GB, Hennigsdorf - DE)
- The role of NT-proBNP in predicting anaerobic threshold and VE/VCO₂ slope. 805
L.V. Athanasopoulos, A. Dritsas, D.V. Cokkinos (Athens - GR)
- Drivers of B-type natriuretic peptide (BNP) in a stable heart failure population. 806
A. Jan, N.F. Murphy, M. Ledwidge, C. O' Loughlin, K. McDonald (Dublin - IE)
- When heart is burning: amino-terminal pro-brain natriuretic peptide as early marker of cardiac involvement in active autoimmune Rheumatic Disease. 807
A. Giannoni, C. Tani, A. Clerico, C. Passino, A. Tavoni, S. Bombardieri, M. Emdin (Pisa - IT)
- Evaluation of the VIDAS NT-proBNP assay as an aid in the diagnosis of suspected heart failure. 808
N. Fortin, H. Coquelin, J.F. Aupetit, M. Vanderheyden, M. Cichon, K. Bean, C. Cairns, F. Beckers (Craponne, Lyon - FR, Aalst - BE, Maywood - US, Paris - FR, Durham - US)
- Serum level of carbohydrate antigen 125 in chronic heart failure: relation to clinical status and biomarkers. 809
F.A. Gabrielli, R. Natali, E. De Marco, M. Savino, G. Comerchi, B. Garramone, M. Lotrionte, F. Loperfido (Rome - IT)
- Reverse remodelling is associated with reductins in tenascin c levels parallel to NT pro BNP levels in patients with heart failure. 810
M.G. Kaya, B. Sarli, M. Yarlioglues, O. Gunebakmaz, A. Dogan, T. Inanc, A. Oguzhan, R. Topsakal (Kayseri - TR)
- Predictive utility of brain-natriuretic peptide for left ventricular diastolic dysfunction in asymptomatic type 2 diabetic patients. 811
A. Stevanovic, M. Dekleva, L.J. Sevic, V. Andric, G. Podnar, N. Davidovic (Belgrade - RS)
- Brain Natriuretic Peptide levels is a major determinant of limited six-minute walk test performance, in patients with chronic systolic heart failure. 812
C. Chrysoshoou, G. Metallinos, C. Pitsavos, S. Athanassopoulou, P. Pietri, D. Tsiachris, D. Tousoulis, C. Stefanadis (Athens - GR)
- BNP in Hypertension: does modest elevation reflect myocardial interstitial disease and early ventricular dysfunction? 813
D. Phelan, C. Watson, P. Collier, R. Martos, A. Patel, M. Ledwidge, J. Baugh, K. McDonald (Dublin - IE)
- Profiling B-type natriuretic peptide in a stable heart failure population - a valuable clinical adjunct to care. 814
A. Jan, N.F. Murphy, C. O' Loughlin, M. Ledwidge, K. McDonald (Dublin - IE)

- Brain Natriuretic Peptide mediates the effect of creatinine clearance on developing left ventricular systolic dysfunction in Patients with Acute Coronary Syndrome. 815
C. Chrysoshoou, C. Pitsavos, P. Aggelopoulos, J. Skoumas, G.C. Metallinos, D. Tsiachris, D. Panagiotakos, C. Stefanadis (Athens - GR)
- Anemia in acute decompensated heart failure: relation with amino terminal brain natriuretic peptide and ultrasensible C reactive protein. 816
L. Sepulveda Morales, C. Trejo, M. Llancaqueo, H. Sanhueza (Santiago - CL)
- Prediction of change in pulmonary capillary wedge pressure using repeated measurement of B-type natriuretic peptide. 817
M. Kubanek, V. Lanska, M. Hegarova, J. Vrbska, I. Malek (Prague - CZ)
- Changes in natriuretic peptide levels in response to heart failure therapy with inotropic support may have prognostic significance for long-term outcomes in patients with decompensated heart failure. 818
Y. Cavusoglu, M. Tek, A. Birdane, C. Demirustu, A. Unalir, O. Goktekin, B. Gorenek, N. Ata (Eskisehir - TR)
- Some factors of survival of Russian chronic heart failure patients. 819
A.S. Galyavich, R.A. Galyavi, S.N. Meryasev, R.F. Meryaseva (Kazan - RU)
- The prognostic value of NTproBNP and cTnI in pulmonary embolism. 820
R. Ciomag, B. Malmare, A. Popa, C. Calin, E. Ovrincenco, C. Sinescu (Bucharest - RO)
- Effects of repeated levosimendan infusion on symptoms and neurohormonal activation in patients with advanced heart failure. 821
A.N. Kitsiou, E. Antoniou, K. Giannakopoulos, M. Seferou, G. Papadimitriou, G. Agelidis, S. Karas (Athens - GR)
- Relationships between echocardiographic indices of left ventricular filling pressures and B-type natriuretic peptide levels in post-cardiac surgery patients. 822
E. Cerquetani, M. Piccoli, G. Pastena, A. Posteraro, E. Amici, L. Antonica, S. La Carrubba, A. Salustri (Rome - IT)
- Elevated NT-proBNP levels on the 4th day of STEMI has prognostic value in reduced ejection fraction development in patients treated with primary angioplasty. 823
K. Chizynski, I. Szadkowska (Lodz - PL)
- Interaction between functional mitral regurgitation, systolic and diastolic function parameters on brain natriuretic peptide in patients with ischaemic and non ischaemic dilated cardiomyopathy. 824
C. Bergamini, A. Rossi, M. Cicoira, S. Bonapace, M. Toniolo, L. Zanolla, C. Vassanelli (Verona - IT)
- Cardiac biomarkers: early predictors of anthracycline-induced cardiotoxicity in children? - a prospective follow-up study. 825
C. Mandric, A.G. Dimitriu, I.L. Dumitriu, I. Miron, B. Gurzu, M. Mihaila, A. Covic (Iasi - RO)
- Prognostic information from NT-proBNP in heart failure clinic. 826
A. De Bernardi, G. Miotto, M.E. Balagna, M.T. Spinnler (Moncalieri - IT)
- B-type Natriuretic Peptide testing in patients with shortness of breath in the emergency department to improve patient outcome. 827
L. Lam, P. Cameron, H. Krum, A. Lokuge, A. Bystrycki, M. Naughton, D. Smit, H. Schneider (Melbourne - AU)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- ST elevation acute myocardial infarction treated with primary angioplasty: prognostic significance of B-type natriuretic peptide. 828
J. Delgado Silva, R. Providencia, L. Seca, P. Mota, J. Pais, A. Leitao-Marques (Coimbra - PT)
- Significance of increased plasma BNP level in patients with hypertrophic cardiomyopathy. 830
O. Gournay, R. Isnard, P. Charron, M. Komajda (Paris - FR)
- B-type natriuretic peptides in outpatients after myocardial infarction: Optimized cut-points for heart failure prediction. 831
M. Radosavljevic, Z. Vasiljevic, N. Radovanovic, G. Stankovic, L. Savic, S. Stankovic, P. Mitrovic, B. Stefanovic (Belgrade - RS)
- Plasma B-type natriuretic peptide as long-term prognostic marker after coronary artery bypass surgery. 832
E. Cerquetani, M. Piccoli, G. Pastena, E. Amici, T. Chiriaco, I. Casadei, S. La Carrubba, A. Salustri (Rome - IT)
- Disease associated biomarkers revealed using proteomic analysis of coronary sinus serum in a hypertensive population at risk of developing diastolic heart failure. 833
C. Watson, D. Phelan, P. Collier, M. Ledwidge, J. Byrne, M. Dunn, K. McDonald, J. Baugh (Dublin - IE)
- Plasma B-type natriuretic peptide reduction predicts long-term clinical outcome in advanced heart failure patients treated with levosimendan. 834
F. Canario-Almeida, F. Ferreira, O. Azevedo, J. Guardado, I. Quelhas, F. Sousa, A. Pereira, J. Almeida (Guimarães - PT)
- Long-term prognosis of serum and urine N-terminal pro-brain natriuretic peptide levels and glomerular filtration rate in heart failure patients. 835
M. Rivera Otero, R. Cortes, F. Garcia De Burgos, V. Miro, L. Mainar, R. Valero, A. Jordan, M. Portoles (Valencia, Elche, Requena, Alicante - ES)
- Body mass index, waist circumference and N-terminal pro-B-type natriuretic peptide levels in acute coronary syndromes. 836
J. Fernandez-Armenta Pastor, C. Sanchez-Tembleque, C. Fernandez-Vivancos, R. Hidalgo, J.M. Cruz Fernandez, F. Trujillo (Seville - ES)
- NT-proBNP as a predictor of functional recovery in patient presented as a dilated cardiomyopathy. 837
E.-S. Jeon, H.C. Jo, D.J. Choi, J.J. Kim, M.C. Cho, K.H. Ryu, S.W. Han (Seoul, Chungju - KR)
- NT-proBNP levels strongly reflect the increased left ventricular mass index induced by volume than pressure overload in aortic valve disease. 838
E.-S. Jeon, B.K. Song, D.J. Choi, J.J. Kim, M.C. Cho, K.H. Ryu, S.W. Han (Seoul, Chungju - KR)
- Impact of renal function on urinary natriuretic peptides levels in diagnosing and prognosing heart failure. 839
M. Rivera Otero, R. Cortes, L. Martinez Dolz, A. Jordan, L. Grigorian, R. Paya, V. Bertomeu, M. Portoles (Valencia, Alicante, Santiago - ES)
- Brain Natriuretic Peptide as a predictor of acute heart failure following major orthopaedic surgery. 840
S. Katsanos, N. Kafkas, G. Chlapoutakis, A. Mavrogenis, K. Makris, G. Mertzanos, I. Drakopoulos, D. Babalis (Kifissia - GR)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- The variance of NT-proBNP levels in subjects with heart failure and atrial flutter. 841
M. Puschita, P.D. Nanu, R.M. Chenderes, S.T. Miclaus, C. Pop (Arad - RO)
- Usefulness of serum NT-proBNP level as a cardiorenal multifunctional marker in japanese population. 842
A. Kobayashi, M. Iwai-Takano, M. Oikawa, T. Watanabe, T. Satoh, T. Ishibashi, Y. Takeishi (Fukushima - JP)
- Natriuretic peptides increase beta-1-adrenoceptor mediated signalling through inhibition of phosphodiesterase 3 in failing hearts. 843
E. Ovigstad, L.R. Moltzau, J.M. Aronsen, K. Hougen, I. Sjaastad, F.O. Levy, T. Skomedal, J.-B. Osnes (Oslo - NO)
- Elevated levels of NTproBNP - predictor of cardioversion failure in subjects with atrial fibrillation and heart failure. 844
M. Anastasiu, V. Chioncel, I. Carp, C. Sinescu (Bucharest - RO)
- Plasma B-type natriuretic peptide level and renin activity are increased in diabetic patients with moderate systolic heart failure. 845
L. Pastormerlo, M. Fontana, A. Giannoni, G. Vergaro, A. Valleggi, C. Prontera, M. Emdin, C. Passino (Pisa - IT)
- New chronic heart failure patients morbidity and mortality index. 846
A.S. Galyavich, S.N. Meryasev, R.A. Galyavi, R.F. Meryaseva (Kazan - RU)
- The correlation between the combined myocardial performance index and the serum NTproBNP level in patients with left ventricular dysfunction. A prospective study. 847
S. Miclaus, C. Mornos, D. Maximov, A. Lupu, D. Popa, M. Puschita (Arad, Timisoara - RO)
- Natriuretic Peptides Identify Patients With Paroxysmal Atrial Fibrillation / Atrial Flutter. 848
R. Wachter, T. Gruter, F. Edelmann, C. Luers, L. Binder, M. Zabel, D. Vollmann, B. Pieske (Göttingen - DE)
- Do NT-proBNP levels differ in acute decompensated diastolic and systolic heart failure in the elderly? 849
N. Solomakhina, D. Shchekochikhin (Moscow - RU)
- Mismatch between mRNA cardiac expression of BNP and CNP in pacing-induced heart failure. 850
S. Del Ry, M. Cabiati, V. Lionetti, C. Caselli, T. Prescimone, M. Emdin, F.A. Recchia, D. Giannessi (Pisa - IT)
- In ambulatory heart failure patients, the NT-ProBNP variation during clinical stability is a mid-term prognostic factor. 24 Months follow-up study. 851
L. Sargento, M.G. Lopes (Lisbon - PT)
- Predictive utility of brain-natriuretic peptide for left ventricular diastolic dysfunction in asymptomatic type 2 diabetic patients. 852
A. Stevanovic, M. Dekleva, L.J. Sevic, V. Andric, G. Podnar, N. Davidovic (Belgrade - RS)
- Plasma levels of natriuretic peptides in patients with different cardiovascular diseases. 853
S.-H. Loh, C.S. Tsai, C.Y. Chang, S.F. Chao, S.F. Huang (Taipei - TW)
- Time-course of plasma nt-proc-type natriuretic peptide in end-stage heart failure patients supported by left ventricular assist device implant. 854
M. Cabiati, C. Caselli, R. Caruso, J. Campolo, S. Turchi, O. Parodi, D. Giannessi, S. Del Ry (Pisa, Milan - IT)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- Lateral, medial, average or maximal tissue Doppler velocities for the estimation of NTproBNP levels in patients with dilated cardiomyopathy? 855
C. Mornos, D. Cozma, A. Ionac, L. Petrescu, A. Mornos, C. Neagoe, D. Maximov, S.I. Dragulescu (Timisoara - RO)
- Plasma NT-proBNP level is associated with valve calcification in patients with rheumatic heart disease. 856
S.M. Kang, H.Y. Won, J. Oh, N-K. Hong, Y. Jang, N. Chung (Seoul - KR)
- Early diagnosis of left ventricular dysfunction in diabetic patients: a possible role for natriuretic peptides. 857
S. Romano, S. Fratini, L. Guarracini, G. Poccia, P. Cisternino, F. Guarracini, M. Penco (L'Aquila, Tagliacozzo - IT)
- The promising role of B-type natriuretic peptide in unresolved resynchronization issues. 858
R. Hazukova, M. Pleskot, J. Vojacek (Hradec Kralov - CZ)
- Statins do not have effect on the C-type natriuretic peptide system in human aortic valve stenosis. 859
T.O.A. Peltonen, P. Taskinen, P. Ohtonen, J. Tikkanen, T. Juvonen, H. Ruskoaho (Oulu - FI)
- Usefulness of B-type natriuretic peptide levels to predict exercise capacity in post-cardiac surgery patients. 860
E. Cerquetani, M. Piccoli, G. Pastena, A. Posteraro, E. Amici, M.D. Romeo, S. La Carrubba, A. Salustri (Rome - IT)
- ProANP and NT-BNP secretion after successful and unsuccessful Maze procedure. 861
R. Batalov, S. Popov, I. Antonchenko, T. Suslova, O. Gruzdeva, S. Kremeno (Tomsk - RU)
- Prognosis.**
- Identifying patients hospitalized with heart failure who are at high risk for poor future health status. 862
L.A. Allen, K.J. Reid, S.M. Dunlay, P.J. Hauptman, M.A. Konstam, A.P. Maggioni, M. Gheorghiade, J.A. Spertus (Aurora, Kansas City, Rochester, St. Louis, Boston - US, Florence - IT, Chicago - US)
- Prediction of clinical events in patients with chronic heart failure by red cell distribution width. 863
Z.S. Forhecz, T. Gombos, G. Borgulya, Z. Pozsonyi, Z. Prohaszka, L. Janoskuti (Budapest - HU)
- Combined measurement of a novel virtual analyte NT-proXNP and pro-inflammatory cytokines in the prognostic evaluation of patients with acute decompensated heart failure. 864
K. Miettinen, J. Magga, O. Vuolteenaho, J. Lassus, V.P. Harjola, K.R. Punnonen, M.S. Nieminen, K.J. Peuhkurinen (Kuopio, Oulu, Helsinki - FI)
- Intermittent claudication as a new predictor of outcome in heart failure: Evidence from the Controlled Rosuvastatin Multinational Trial in Heart Failure (CORONA). 865
S. Inglis, J.J.V. McMurray, H. Wedel, P. Dunselman, J. Kjekshus, A. Hjalmarson, F. Waagstein, J. Wikstrand (Glasgow - GB, Gothenburg - SE, Breda - NL, Oslo - NO)
- Comparative prognostic value of glomerular filtration rate estimating formulas in chronic heart failure. 866
G. Borelli, T. Cellamaro, F. Bellini, I. Morelli, I. Kardash, L. Rondinini, R. Mariotti (Pisa - IT)

- Prognostic value of a systematic familial screening in idiopathic dilated cardiomyopathy. The experience of Trieste Heart Muscle Disease. 867
M. Moretti, M. Merlo, G. Barbati, G. Sabbadini, L. Mestroni, F. Brun, A. Di Lenarda, G. Sinagra (Trieste - IT, Denver - US)
- Mild hyponatremia is associated with mortality risk and risk for hospitalization in outpatients with systolic heart failure. 868
M. Schou, F. Gustafsson, L. Videbaek, K. Lindvig, M.K. Andersen, E. Korup, N. Keller, P.R. Hildebrandt (Hillerod, Copenhagen, Odense, Funen, Aalborg, Herlev, Glostrup - DK)
- Neurohormonal and inflammatory profiles predict adverse clinical outcome in chronic heart failure patients with depression: A one-year follow-up study. 869
D. Birmpa, D. Farmakis, J.T. Parissis, M. Nikolaou, V. Bistola, K. Venetsanou, G. Filippatos, D.T. Kremastinos (Athens - GR)
- In patients with heart failure, cardiac troponin T is a reliable predictor of long-term echocardiographic changes and adverse cardiac events. 870
K. Nishi, Y. Sato, T. Miyamoto, R. Taniguchi, R. Fukuhara, T. Fujiwara, H. Fujiwara, Y. Takatsu (Amagasaki, Kyoto - JP)
- Predictors of in-hospital mortality in acute heart failure syndromes: A sub-analysis of ALARM -HF survey. 871
J.T. Parissis, J. Delgado, A. Mebazaa, F. Vilas-Boas, I. Ikonomidis, H. Smith, F. Follath (Athens - GR, Madrid - ES, Paris - FR, Salvador - BR, London - GB, Zurich - CH)
- Gender and outcome in left ventricle systolic dysfunction due to non-ischaemic cardiomyopathy. 872
J.A. Franco Pelaez, J.A. Serrano Sanchez, A.M. Pello Lazaro, R. Munoz Aguilera, J.A. Garcia Robles, D. Pascual Hernandez, R. Prieto Arevalo, F. Fernandez-Aviles (Arganda Del Rey, Madrid - ES)
- Application of a risk scale in patients with MADIT II-like criteria: Does it help in the decision making process? 873
C. Bosch, R. Villuendas, C. Pajuelo, X. Carrillo, A. Teis, A. Urrutia, J. Lupon Roses, V. Valle (Badalona - ES)
- Safety of antithrombotic therapy in acute Q-wave myocardial infarction patients with early postinfarction eccentric left ventricle remodeling. 874
O. Koval, A. Ivanov, A. Skoromnaya, O. Mararenko, P. Kaplan, O. Shtepa (Dnipropetrovsk - UA)
- Body composition indices of bone metabolism predict clinical outcomes in patients with chronic heart failure. 875
B. Gogas, C. Varounis, J.T. Parissis, V. Bistola, M. Nikolaou, D. Hadjidakis, G. Filippatos, D. Kremastinos (Athens - GR)
- Increased plasma concentrations of adiponectin predict 1-year mortality in patients with acute destabilized heart failure. 876
B. Dieplinger, A. Gegenhuber, W. Poelz, M. Haltmayer, T. Mueller (Linz, Bad Ischl - AT)
- Serum TIMP-1 predicts 90-days cardiovascular fatal outcomes in acute decompensated heart failure in the elderly. 877
N. Solomakhina, D. Shchekochikhin (Moscow - RU)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- Role of signal-averaged electrocardiography and simple echo-Doppler derived indices in prognostic stratification of patients with coronary artery disease and severe left ventricular dysfunction. 878
G. Kazianis, A. Gournizakis, G. Fagogenis, C. Kyriacou (Athens - GR)
- The presence and pattern of late gadolinium enhancement by cardiovascular magnetic resonance predicts cardiac outcome in nonischaemic cardiomyopathy. 879
A. Valle, J. Estornell, M. Corbi, A. Pirola, A. Laynez, N. Martinez, R. Paya, F. Ridocci Soriano (Valencia - ES)
- Central and obstructive sleep apnoea are associated with increased mortality in patients with long-term cardiac resynchronization therapy for congestive heart failure. 880
O. Oldenburg, T. Bitter, C. Prinz, B. Lamp, J. Vogt, H. Woehrl, A. Graml, D. Horstkotte (Bad Oeynhausen, Martinsried - DE)
- Risk assessment in elderly patients with chronic heart failure by using ventilatory pattern evaluation during cardiopulmonary exercise test. 881
A.B.S. Scardovi, A. Ferraironi, A.C. Celestini, S.S. Sciarretta, D.M.R. De Maria, A.N. Aspromonte, R.R. Ricci, G.M. Guazzi (Rome, Milan - IT)
- Effects of hyperuricemia on outcomes in advanced systolic heart failure: epidemiological evidence for mechanistic insights. 882
G.S. Filippatos, M. Ahmed, B. Pitt, M. Gheorghiade, S.D. Anker, T. Love, B. Liu, A. Ahmed (Athens - GR, Birmingham, Ann Arbor, Cleveland, Chicago - US, Berlin - DE)
- The impact of transient and persistent acute renal injury on the risk of heart failure after acute myocardial infarction. 883
D. Aronson, A. Goldberg, M. Kapeliovich, H. Hammerman (Haifa - IL)
- Determinants of mortality in patients hospitalized for heart failure with preserved ejection fraction. 884
M. Bontorin, V. Di Pietro, F. Giannini, M. Giampiccolo, S. Garavelli, E. Sarao', M. Marighetti, W. Spagnolli (Borgo Valsugana - IT)
- Complementary prognostic value of Cystatin C, NT-proBNP and cardiac Troponin T in acute heart failure patients. 885
S. Manzano Fernandez, R. Gracia, M.D. Martinez, M. Boronat-Garcia, M.D. Albaladejo-Oton, P. Martinez, M. Valdes, D.A. Pascual-Figal (Murcia - ES)
- Predictors of left ventricular reverse remodelling in chronic heart failure. 886
N. Nyolczas, M. Dekany, T. Borsanyi, B. Szabo, E. Marosi, B. Ancsin, R.G. Kiss (Budapest - HU)
- Implementation of guidelines improves mortality in patients admitted in community hospital for decompensated chronic heart failure. 887
M. Lainscak, L. Hodosek-Majc, G.S. Filippatos, S.D. Anker (Gölnik, Murska Sobota - SI, Athens - GR, Berlin - DE)
- Exercise capacity after acute myocardial infarction: beyond ejection fraction. 888
R. Fontes Carvalho, D. Caeiro, R. Lima, N. Ferreira, F. Sampaio, M. Teixeira, A. Albuquerque, V. Gama (Porto - PT)
- Relative Contribution of Heart Rate and Heart Rate Variability to Prognosis in Patients with Heart Failure. 889
M.T. La Rovere, G.D. Pinna, R. Maestri, A. Caporotondi, D. Corbellini, G.P. Guazzotti, O. Febo (Montescano (Pavia) - IT)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- NTproBNP and heart rate variability in the prognosis of heart failure. 890
N. Stancheva, V. Jordanova, K. Bakardjieva, S. Tisheva (Pleven - BG)
- QRS dispersion in heart failure patients with left bundle branch block. 891
I. Donoiu, A. Giuca, B. Moise, O. Istratoaie, D.-D. Ionescu (Craiova - RO)
- Difference in prognostic value of renal function between ischaemic and non-ischaemic chronic heart failure. 892
M. Dekany, B. Szabo, N. Nyolczas, T. Borsanyi, E. Marosi, B. Ancsin, R.G. Kiss (Budapest - HU)
- The congestive hepatopathy is an important factor of early re-hospitalization in patients with chronic heart failure. 893
S. Sugihara, M. Hirai, Y. Kinugasa, Y. Kato, M. Kato, O. Igawa, I. Hisatome, C. Shigemasa (Yonago - JP)
- Gender and outcome in chronic heart failure with systolic dysfunction. 894
J.A. Franco Pelaez, J.A. Serrano Sanchez, A.M. Pello Lazaro, R. Prieto Arevalo, R. Munoz Aguilera, J.A. Garcia Robles, D. Pascual Hernandez, F. Fernandez-Aviles (Arganda Del Rey, Madrid - ES)
- Prognostic significance of urea serum levels in patients with heart failure and normal renal function. 895
F. Pons, J. Lupon, A. Urrutia, B. Gonzalez, L. Cano, R. Cabanes, C. Diez, V. Valle (Badalona - ES)
- The 6-minute walk test does not reliably predict short-term mortality in patients with acute congestive heart failure. 896
S.-E. Kim, D.-G. Park, H.-H. Choi, M.-K. Kim, J.-H. Lee, K.-R. Han, D.-J. Oh, K.-S. Hong (Seoul, Chuncheon - KR)
- Prediction of late heart failure in patients after acute myocardial infarction. 897
L. Berstein, V. Novikov, Y. Grishkin (Saint Petersburg - RU)
- Adiponectin predicts cardiac mortality and left ventricular dysfunction after acute myocardial infarction. 898
K. Yajima, N. Ohte, S. Tanaka, T. Kawamiya, T. Fujimaki, K. Kato, T. Hibino, K. Yokoi (Tajimi, Nagoya - JP)
- Changes in myostatin serum levels and prognosis in heart failure. 899
E. Zamora, J. Lupon Roses, R. Simo, A. Galan, A. Urrutia, iD. Mas, B. Gonzalez, V. Valle (Badalona, Barcelona - ES)
- Significance of urinary sodium in heart failure patients with diuretic resistance. 900
A. Al-Mulla, A. Manga, T. Al-Backer, V. Nguyen, N. Giannetti (Montreal - CA)
- Prognostic value of the electrocardiogram on admission in acute anterior myocardial infarction. 901
G. Kazianis, G. Avgeropoulos, S. Feggos, M. Pitaras, C. Kyriacou (Athens - GR)
- The functional status of acute myocardial infarction patients with or without ST elevation, at 6 month follow-up, is the same? 902
N. Marques, R. Faria, J. Trigo, J. Mimoso, V. Gomes (Faro - PT)
- Heart failure as a prognostic factor for patients with acute myocardial infarction. 903
M. Damjanovic, D. Djordjevic-Radojkovic, G. Koracevic, Z. Perisic, S. Apostolovic, M. Pavlovic, R. Jankovic (Nis - RS)

08:30 - 12:30

CLINICAL POSTER SESSION III

Clinical Poster Area
Level 2 & 3

- Prognostic implication of anemia on outcome of patients with heart failure. 904
R. Musetescu, E. Belu, A.E. Musetescu, D.-D. Ionescu (Craiova - RO)
- Uric acid concentration predicts left ventricular systolic function and long-term outcomes in patients with STEMI treated with primary PTCA without previously diagnosed chronic heart failure. 905
M. Roik, M.H. Starczewska, G. Opolski (Warsaw - PL)
- Complete right bundle branch block predicts mortality in Thai heart failure patients. 906
W. Wongcharoen, A. Phrommintikul, R. Kanjanawanit (Chiang Mai - TH)
- Prognostic significance of non-invasive indices in patients with non-ischaemic dilated cardiomyopathy. 907
G. Kazianis, D. Papapetrou, M. Karpathiotakis, P. Nikolaou, G. Tsiaxri, C. Kyriacou (Athens - GR)
- More accurate early risk stratification scores for acute coronary syndromes are needed. 908
S.R.N. Leal, H. Dores, J. Abecasis, L. Bronze, I. Arroja, C. Fonseca, A. Aleixo, A. Silva (Lisbon - PT)
- Risk factors of renal function deterioration in chronic and stable heart failure patients. 909
O. Vazquez Diaz, A. Orea-Tejeda, L. Castillo Martinez, J.J. Orozco Gutierrez, R. Silva Tinoco, E. Colin Ramirez, J. Dorantes Garcia (Mexico - MX)
- Renal function impairment and functional class as predictors of anemia development in heart failure patients. 910
L. Castillo Martinez, O. Vazquez Diaz, A. Orea-Tejeda, J.J. Orozco Gutierrez, R. Silva Tinoco, E. Colin Ramirez, J. Dorantes Garcia (Mexico - MX)
- Prognosis of women with chronic heart failure. 911
K. Vitlianova, T.D. Donova, S.N. Tzonev (Sofia - BG)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION III

Basic Science Poster Area
Level 2

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30. The presenter should be present throughout the coffee break (10:00 to 11:00) in order to discuss the poster.

Pulmonary hypertension.

Reduced mechanical efficiency in isolated right ventricular papillary muscles of pulmonary hypertensive rats. 912

Y.Y. Wong, M.L. Handoko, K.T.B. Mouchaers, F.S. De Man, A. Vonk Noordegraaf, W.J. Van Der Laarse (Amsterdam - NL)

Effects of reduced inspired oxygen concentration in patients with chronic heart failure. 913

J.P. Hobkirk, D. Damy, A. Bennett, S. Smith, L. Ingle, A. Clark, J.G.F. Cleland (Kingsdon upon Hull - GB)

Prognosis.

Prediction of heart failure after myocardial infarction through integrative bioinformatics. 914

Y. Devaux, F. Azuaje, C. Yvorra, M. Vausort, C. Jeanty, D.R. Wagner (Luxembourg - LU)

Humoral response and medium short- term prognosis in heart failure. 915

M.J. Ruiz Olgado, P.P. Pedro Pabon Osuna, J.M.M. Jose Manuel Matas, C.M. Candido Martin Luengo, A.M. Ana Martin, T.G. Teresa Gonzalez, M.C. Milagros Clemente, M.G. Maria Gallego (Salamanca - ES)

Cardiac rehabilitation: is the benefit dependent on left ventricular systolic function? 916

A. Mamede, A. Abreu, R. Soares, A. Toste, S. Silva, J. Feliciano, L. Branco, R. Ferreira (Lisbon - PT)

Lower plasma adrenomedullin level as an independent predictor of all cause mortality in heart failure patients. 917

D. Zysko, J. Gajek, W. Rubin, W. Mazurek (Wroclaw - PL)

Acute heart failure.

Mice deficient in DDAH1 have normal endothelial and cardiac function but enhanced mortality and loss of function post-MI. 918

A.M. Kozak, J. Leiper, S.J. Mc Sweeney, P.W.F. Hadoke, G.A. Gray (Edinburgh, London - GB)

Metabolism / Ischaemia / Reperfusion / Preconditioning.

Changes in the cardiomyocyte GSH during postnatal development and in response to metabolic inhibition. 919

S.E. Martin, H. Lin, N. Shukla, J. Jeremy, M.S. Suleiman (Bristol - GB)

Differential effects of GLP-1 and its metabolite GLP-1 (9-36)a on infarct size and postischaemic mechanical performance in the isolated rat heart. 920

M. Treiman, A. Ossum, U. Van Deurs, T. Engstrom, J.S. Jensen (Copenhagen - DK)

Comparison of ultra-fast cooling induced by total liquid ventilation and conventional external cooling during prolonged myocardial ischaemia in rabbits. 921

R. Tissier, M. Chenoune, F. Lidouren, N. Couvreur, A. Bize, J.L. Dubois-Rande, B. Ghaleh, A. Berdeaux (Creteil - FR)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION III

Basic Science Poster Area
Level 2

- Protein Kinase A activation is involved in the cardioprotective effects of temperature preconditioning. 922
I. Khaliulin, M.C. Wilson, A.P. Halestrap (Bristol - GB)
- Delayed protective effects of hyperoxia against cardiac arrhythmias and infarction in anaesthetized rats. 923
M. Esmailidehaj, B. Baharvand, M. Foadaddini, B. Rasoulilian, A. Khoshbaten (Yazd, Khoramabad, Birjand, Tehran - IR)
- Defective mPTP inhibition precludes delayed hypoxic preconditioning in type II diabetes and the metabolic syndrome. 924
A. Vanderper, P. Herijgers (Leuven - BE)
- Ischaemia-reperfusion causes less contractile failure in Langendorff-perfused hearts from LDLR-/- hypercholesterolemic mice. 925
A. Vanderper, P. Herijgers (Leuven - BE)
- The effect of dietary creatine supplementation on exercised and sedentary rat hearts. 926
I. Webster, E.F. Du Toit, B. Huisamen (Cape Town - ZA)
- Mechanism of increased anoxic tolerance of cardiomyocytes isolated from preconditioned or chronically hypoxic rats involve BK(Ca) channels. 927
G.H. Borchert, F. Kolar (Prague - CZ)
- Effects of Acetyl-L-carnitine on cardiac function and infarct size in the ischaemic-reperfused isolated rat hearts. 928
M. Najafi, S. Ghaffary, E. Shaseb (Tabriz - IR)
- Pharmacological postconditioning effect of muramyl dipeptide is mediated through RIP2 and TAK1. 929
P. Sicard, S. Jacquet, K.S. Kobayashi, R.A. Flavell, M.S. Marber (London - GB, Boston, New Haven - US)
- Animal models and experimentation.**
- Loss of ACE2 leads to maladaptive left ventricular remodeling in response to myocardial infarction. 930
G. Oudit, J.C. Zhong, R. Basu, P.P. Liu, J.M. Penninger, Z. Kassiri (Edmonton, Toronto - CA, Vienna - AT)
- Post-conditioning with Levosimendan reduces the infarct size involving the PI3K pathway and KATP-channel activation but is independent of PDE-III inhibition. 931
A. Hoenisch, N. Theuring, B. Ebner, C. Wagner, R.H. Strasser, C. Weinbrenner (Dresden - DE)
- Enhanced expression of alternative splice variants of the cardiac ankyrin repeat domain 1 gene can represent an adaptive response of the failing myocardium. 932
M. Torrado, R. Iglesias, A. Centeno, E. Lopez, A. Castro-Beiras, A. Mikhailov (La Coruna - ES)
- Defective PPARgamma activity due to dominant negative mutation accelerates cardiac fibrosis in hypertensive mice. 933
A. Kis, C. Murdoch, M. Zhang, A. Siva, S.L. Gray, S. O'Rahilly, A.M. Shah, A. Vidal-Puig (Cambridge, London - GB)
- The myocardial contractile response to adrenergic stimulation is blunted in type 2 diabetic db/db mice. 934
F.A. Van Nieuwenhoven, A. Daniels, B.J. Janssen, A.E. Brouns, J.P. Cleutjens, T.H. Roemen, M. Van Bilsen, G.J. Van Der Vusse (Maastricht - NL)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION III

Basic Science Poster Area
Level 2

- Cardiac deletion of the coxsackievirus-adenovirus-receptor prevents CVB3 infection and the resulting pathology in vivo. 935
C. Chen, Y. Shi, D. Westermann, M. Sauter, C. Tschoepe, W. Poller, K. Klingel, M. Gotthardt (Berlin, Tübingen - DE)
- The cardiovascular effects of rutin on healthy rats. 936
P. Mladenka, L. Zatloukalova, V. Semecky, P. Nachtigal, R. Hrdina (Hradec Kralove - CZ)
- The cardiovascular effects of rutin on catecholamine model of acute myocardial infarction. 937
L. Zatloukalova, P. Mladenka, K. Macakova, R. Hrdina (Hradec Kralove - CZ)
- Guanidinoacetate N-methyltransferase knockout mice exhibit normal LV remodeling, haemodynamics and survival after myocardial infarction despite lack of phosphocreatine. 938
C. Lygate, D. Dawson, D. Medway, L. Sebag-Montefiore, S. Neubauer (Oxford - GB)
- Left ventricular remodeling is associated with subendocardial damage in response to low myocardial blood flow during acute volume overload. 939
C. De Carvalho Frimm, F.R. Ruppert Mazzo, M.C. Guido, A.I.S. Moretti, M.K. Koike (Sao Paulo, Campinas - BR)
- Angiotensin receptor blockade prevented diastolic heart failure and cardiac hypertrophy in overrectmized mice with chronic beta-adrenergic receptor stimulation. 940
M. Kamiya, K. Asai, A. Shirakabe, K. Murai, N. Satoh, Y. Seino, K. Mizuno (Tokyo - JP)
- Contribution of Ca²⁺ sensitization to vascular contractions in isolated arteries. 941
A. Darago, P. Orosz, Z. Megyesi, Z. Papp, I. Edes, A. Toth (Debrecen - HU)
- A crucial role of macrophage migration inhibitory factor in cardiac ischaemia-reperfusion injury. 942
X.-M. Gao, Y. Liu, Y.D. Su, B. Drew, Z.Q. Ming, H. Kiriazis, A.M. Dart, X.J. Du (Melbourne - AU)
- Cell Signalling.**
- Darbepoetin-alpha prevents cardiomyocytes apoptosis: Implication in ischaemia-reperfusion induced heart infarct. 943
D. Schlecht-Bauer, D. Antier, M.C. Machet, J.M. Hyvelin (Tours - FR)
- Modulation of the STAT3 pathway by transient anoxia and oxidant stress in a fetal heart model. 944
S. Pedretti, E. Raddatz (Lausanne - CH)
- Linking the STAT1 amino terminus to heart failure. 945
T. Meyer, A. Begitt, V. Ruppert, B. Maisch, U. Vinkemeier (Marburg - DE, Nottingham - GB)
- Calcium signaling towards rat heart mitochondria: a process that may help to preserve cardiac energetics in acute diabetes and ischaemia/reperfusion. 946
A. Ziegelhoffer, M. Ferko, J. Mujkosova, M. Cagalinec, T. Ravingerova, I. Waczulikova, D. Kincelova, B. Ziegelhoffer (Bratislava - SK, Leipzig - DE)
- Modulation of cardiac calcium homeostasis by 3-iodothyronamine. 947
G. Chiellini, S. Suffredini, S. Ghelardoni, S. Brogioni, S. Frascarelli, S. Ronca-Testoni, E. Cerbai, R. Zucchi (Pisa, Florence - IT)
- Is the Na⁺, Ca²⁺ exchanger (NCX1) phosphorylated by cAMP-dependent protein kinase A (PKA)? 948
C.R. Carlson, P.W. Draagen, W.E. Louch, O.M. Sejersted (Oslo - NO)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION III

Basic Science Poster Area
Level 2

- Beta2-adrenoceptor-mediated inotropic and lusitropic responses are highly compartmentalized by PDEs; differential role of PDE3 and PDE4 in failing and non-failing rat myocardium. 949
F. Afzal, J.M. Aronsen, L.R. Moltzau, I. Sjaastad, F.O. Levy, T. Skomedal, J.B. Osnes, E. Qvigstad (Oslo - NO)
- Fetal liver kinase receptor (FLT3) is expressed on cardiac myocytes and mediates pro-survival signaling. 950
O. Pfister, V. Lorenz, S.P. Haeuselmann, B.I. Rosc-Schlueter, K. Buehler, L. Kenins, A. Wodnar-Filipowicz, G.M. Kuster (Basel - CH)
- Levosimendan exerts its inotropic effect mainly or exclusively by inhibition of PDE3. 951
O. Orstavik, G.O. Andersen, F.O. Levy, T. Skomedal, J.B. Osnes, E. Qvigstad (Oslo - NO)
- Pharmacological postconditioning with TNF alpha protects via the SAFE pathway rather than the RISK. 952
L. Lacerda, S. Somers, L.H. Opie, S. Lecour (Cape Town - ZA)
- PI3-kinase independent phosphorylation of Akt (Ser473): Effect of red palm oil in ischaemia/ reperfusion in isolated perfused rat heart. 953
J. Van Rooyen, L. Odendaal, E.F. Du Toit, T. Czont, K. Kupai, P. Ferdinandy, A.M. Engelbrecht (Cape Town - ZA, Szeged - HU)
- Nox2 is not essential for the early cellular signalling pathways involved in the initiation of cardiac fibrosis in diabetes. 954
M.K. Curtis, A.M. Shah, A.C. Cave (London - GB)
- Connexin 43 is present in subsarcolemmal but not in interfibrillar mitochondria of cardiac myocytes. 955
S. Stahlhofen, K. Boengler, A. Van De Sand, P. Gres, A. Buechert, D. Garcia-Dorado, G. Heusch, R. Schulz (Essen - DE, Barcelona - ES)
- Beta1-integrin induced anti-apoptotic signalling requires NOX2-derived reactive oxygen species. 956
B.I. Rosc-Schlueter, S.P. Haeuselmann, V. Lorenz, F. Facciotti, L. Mori De Libero, O. Pfister, G.M. Kuster (Basel - CH)
- Protein kinase C contributes to the maintenance of contractile force in human ventricular cardiomyocytes. 957
A. Toth, A. Molnar, D. Czuriga, A. Balogh, Z. Galajda, K. Jaquet, I. Edes, Z. Papp (Debrecen - HU, Bochum - DE)
- Metformin limits myocardial infarct size via the adenosine pathway. 958
M. Paiva, N.P. Riksen, L.M. Goncalves, L.A. Providencia, S.M. Davidson, D.J. Hausenloy, M.M. Mocanu, D.M. Yellon (London - GB, Nijmegen - NL, Coimbra - PT)
- Preconditioning the diabetic heart with ischaemia and metformin: is there a role for AMPK? 959
M. Paiva, L.M. Goncalves, L.A. Providencia, M.M. Mocanu, D.M. Yellon (London - GB, Coimbra - PT)
- NHE1/ERM proteins interaction and role in cardiac myocytes. 960
A. Darmellah, C. Rucker-Martin, D. Feuvray (Le Plessis Robinson - FR)

Cellular biology & cellular electrophysiology.

- Biomechanical and humoral stress increase human embryonic stem cell-derived cardiomyocyte growth via p38 mitogen-activated protein kinase pathway. 961
G. Foldes, M. Mioulane, E. Garcia, M.D. Schneider, N.N. Ali, S.E. Harding (London - GB)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION III

Basic Science Poster Area
Level 2

The negative chronotropic effect mediated by adenosine A1 receptor depends on the developmental stage of human embryonic stem cell-derived cardiomyocytes. 962

M. Mioulane, N.N. Ali, S.E. Harding (London - GB)

In vitro simulation of spiral waves in cardiomyocyte networks using multi-electrode array technology. 963

P. Athias, S. Jacquir, G. Laurent, S. Binczak, J.M. Bilbaut (Dijon - FR)

NF-kappaB signaling is required for reductions in the transient outward potassium current Ito,f induced by the hypertrophy agent phenylephrine. 964

B. Panama, Y. Wang, N. Gong, T. Siddiqui, L. Kirshenbaum, P.H. Backx (Toronto, Winnipeg - CA)

Transmural dispersion of repolarization in heart ventricles at volume overload in dogs. 965

S.L. Goshka, K.A. Sedova, J.E. Azarov, S.M. Chamkin, D.N. Shmakov (Syktyvkar - RU)

Interventricular dispersion of repolarization at aortic stenosis in anesthetized rabbits. 966

K.A. Sedova, S.L. Goshka, J.E. Azarov, V.A. Vityazev, D.N. Shmakov (Syktyvkar - RU)

Effects of heart failure on the nucleocytoplasmic transport. 967

R. Cortes, E. Rosello-Lleti, M. Rivera Otero, L. Martinez-Dolz, A. Salvador, M. Portoles (Valencia - ES)

NOX2-deficient bone derived macrophages exhibit defects in cell spreading and migration. 968

S. Chaubey, C. Wells, G. Jones, A.M. Shah, A.C. Cave (London - GB)

Beta-adrenergic modulation of RyR-mediated SR Ca2+ leak and spark frequency in murine ventricular myocytes. 969

M. Alemanni, M. Rocchetti, G. Mostacciolo, I. Jovenitti, A. Zaza (Milan - IT)

Energetic changes in heart cells of white rats in conditions stress induced by violated diurnal cycle. 970

T. Samkharadze, N. Koshoridze, M. Chipashvili, M. Karapetian (Tbilisi - GE)

Beta1-integrin up-regulation is associated with adaptive remodeling and mediated via Rac1/reactive oxygen species in cardiomyocytes. 971

S.P. Hauselmann, B.I. Rosc-Schluter, S. Meili-Butz, I. Plaisance, M. Brink, T. Dieterle,

O. Pfister, G.M. Kuster (Basel - CH)

Coronary circulation.

The effects of different phosphodiesterase-5 (PDE5) inhibitors on coronary autoregulation in isolated rat heart. 972

V. Jakovljevic, N.B. Banjac, V.I. Zivkovic, M.S. Vuletic, D.M. Djuric, A. Azanjac (Kragujevac - RS, Banja Luka - BA, Belgrade - RS)

Effects of ivabradine on regional myocardial blood flow measured by positron emission tomography during experimental myocardial ischaemia. 973

Q. Timour, F. Vaillant, A. Mazzadi, P. Gluais-Dagorn, J. Descotes, B. Bui-Xuan, A. Tabib, P. Chevalier (Lyon, Courbevoie - FR)

The effects of different phosphodiesterase-5 (pde5) inhibitors on oxidative stress in isolated rat heart. 974

V. Zivkovic, D.M. Djuric, N. Banjac, M.S. Vuletic, N. Barudzic, V. Jakovljevic

(Kragujevac, Belgrade - RS, Banja Luka - BA)

14:00 - 18:00

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

These abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 15:30 - 16:00. Details on page 93.

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00. The presenter should be present throughout the coffee break (15:30 to 16:30) in order to discuss the poster.

Disease management programmes.

- COACH-2. Heart failure clinics versus primary care in the long-term follow-up of patients with heart failure: the study design. 1069
M.L.A. Luttik, T. Jaarsma, D.J. Van Veldhuisen (Groningen - NL)
- Impact of an heart failure management program on hospital readmission and functional status of patients with advanced heart failure (An Irish perspective). 1070
A. Khan, S.S. Kassim, M. O'sullivan, K. Daly, J. Crowley, P. Nash (Galway - IE)
- Low morbidity and mortality on heart failure patients over 70 years old treated according to guidelines: Results from a spanish multicentric study. 1071
M. Jimenez-Navarro, M.J. Molina Mora, F.J. Cabrera-Bueno, M. Anguita-Sanchez, E. De Teresa-Galvan, L. Alonso-Pulpon, M.G. Crespo-Leiro, A. Zapata (Malaga, Cordoba, Madrid, La Coruna, Barcelona - ES)
- Evaluation of an educational program for primary care practitioners on encouragement of the use of beta-blockers on heart failure in the elderly. 1072
M. Jimenez-Navarro, M.J. Molina Mora, M. Anguita-Sanchez, M.G. Crespo-Leiro, E. Roig-Minguell, E. De Teresa-Galvan, L. Alonso-Pulpon, R. Artigas-Feliu (Malaga, Cordoba, La Coruna, Barcelona, Madrid - ES)
- Previous heart failure hospitalizations to predict benefit from home-based nurse care in chronic heart failure. 1073
D. Moertl, R. Hutuleac, A. Hammer, E. Svatek, A. Sachs, R. Berger (Vienna - AT)
- Exercise training in patients with chronic heart failure: translating research into practice. 1074
R. Hwang, H. Porteous, F. Chuan, D. Korczyk (Brisbane - AU)
- Optimal treatment in specialized heart failure clinics does not prevent poor outcome in diabetic patients with chronic heart failure. An analysis from the Danish Heart Failure Clinics Network. 1075
I. Gustafsson, L.H. Madsen, F. Gustafsson, M. Schou, L. Videbaek, P.R. Hildebrandt (Hellerup, Copenhagen, Hillerod, Glostrup - DK)
- Comparing parameters of renal function tests as a prognostic marker for mortality in heart failure patients. 1076
O. Amir, R. Wolff, H. Paz, D. Merhavi, N. Salman, A. Antebi, B.S. Lewis (Haifa - IL)
- Efficacy of multidisciplinary outpatient management program in long term heart failure care: Community hospital experience. 1077
R. Jain, D. Dalal, A. Evenson, K. Kelly, A. Karmand, E. Biddison, S. Plantholt (Baltimore - US)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Prevalence of cardiac cachexia in a stable community heart failure population. 1078
D. Bolkum, M. Ledwidge, D. Murphy, B. Hennigan, C. Chambers, D. Mccaffrey,
I. Dawkins, K. Mcdonald (Dublin - IE)
- Influence of chronic kidney disease in the prognosis of stable patients with left ventricular systolic dysfunction. 1079
T. Lozano, F. De La Guia, J. Ena, R. Sanchez, M.J. Carratala, M.A. Lopez Aranda, J. Algado,
F. Pasquau (Villajoyosa, Alicante - ES)
- Effects of functional electrical stimulation on quality of life and emotional stress in patients with chronic heart failure. 1080
S. Arapi, A. Karavidas, I. Parissis, I. Kaplanis, V. Matzaraki, G. Filippatos, V. Pyrgakis,
D. Kremastinos (Athens - GR)
- Effect of outpatient care on the survival of patients hospitalized for heart failure. 1081
B. Szabo, N. Szabo, M. Dekany, N. Nyolczas, B. Ancsin, E. Marosi, T. Borsanyi, R.G. Kiss
(Budapest - HU)
- To evaluate the need for a social worker in an established Irish heart failure unit. 1082
N. Edwards, K. Cradock, A. Murray, C. O'loughlin, M. Ryder, D. O'neill, K. Mcdonald (Dublin - IE)
- Prevalence of daily weight compliance in a stable community heart failure population. 1083
B. Hennigan, D. Bolkum, D. Murphy, M. Ledwidge, D. Mccaffrey, I. Dawkins, B. Travers,
K. Mcdonald (Dublin - IE)
- Effect of evidence based medicine heart failure therapy on glomerular filtration rate in patients with chronic cardiorenal syndrome. 1084
F. Malek, M. Havrda (Prague - CZ)
- Combined endurance and resistance training in female and male patients with chronic heart failure. 1085
E. Miche, E. Roelleke, U. Wirtz, M. Schneider, B. Zoller, A. Radzewitz (Gernsbach - DE)
- Data mining approaches for predicting new destabilizations in chronic heart failure patients. 1086
A. Sciacqua, A. Candelieri, A. Gualtieri, L. Greco, D. Mazzaferro, A. Pascale, D. Conforti,
F. Perticone (Catanzaro, Cosenza - IT)
- The clinical profile of patients with heart failure admitted to intensive cardiac care unit. 1087
Data from the BLITZ-3 Italian Registry.
IM. Suliman, A. Affatato, G. Casella, M. Cassin, A. Chinaglia, L. Gonzini, A.P. Maggioni,
L. Oltrona Visconi (Florence, Brescia, Bologna, Pordenone, Turin, Pavia - IT)
- Primary care use of beta-blockers on heart failure in the elderly. Can we achieve the guidelines performance standards? 1088
M.J. Molina Mora, M. Jimenez-Navarro, F.J. Cabrera-Bueno, M. Anguita-Sanchez,
A. Castro-Beiras, E. Roig-Minguell, E. De Teresa-Galvan, A. Zapata (Malaga, Cordoba,
La Coruna, Barcelona - ES)
- Incidence of clinically significant weight change in a stable community heart failure population. 1089
D. Murphy, D. Bolkum, B. Hennigan, M. Ledwidge, I. Dawkins, D. Mccaffrey, K. Mcdonald
(Dublin - IE)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- A meta-analysis on home-based exercise programs for patients with chronic heart failure. 1090
R. Hwang, T. Marwick (Brisbane - AU)
- Prevalence of pain in outpatients with heart failure from Brazilian Heart Failure Clinics. 1091
S. Chermont, B. Mota, L. Melo, M. Derossi, S. Bernardez, M.P. Quintao, W.A. Martins, E.T. Mesquita (Niteroi, Teresopolis - BR)
- EECP and its effects. 1092
L. Ettefagh, A. Enzevaai, A. Lajevardi, L. Mosahebi (Tehran - IR)
- Quality of life assessed by EQ-5D compared with exercise testing in chronic heart failure. 1093
A.L. Lieber, G. Roul (Paris, Strasbourg - FR)
- A three years experience with a regional multidisciplinary management system: an evaluation. 1094
F. Dany, P. Viot, D. Maisonneuve, L. Aberkhan (Limoges, Brive - FR)
- Comprehensive heart failure program reduces rehospitalization in Thai chronic heart failure patients. 1095
A. Phrommintikul, R. Kanjanawanit, A. Amaritakomol, P. Topaiboon, W. Wiangosot (Chiang Mai - TH)
- Analysis of a population with MADIT IIlike criteria in a multidisciplinary Heart Failure Unit. 1096
R. Villuendas, C. Pajuelo, C. Bosch, X. Carrillo, A. Urrutia, L. Cano, J. Lupon Roses, V. Valle (Badalona - ES)
- Percutaneous aortic valve implantation: one-centre experience treating inoperable severe aortic stenosis. 1097
D. Caeiro, R. Fontes Carvalho, R. Lima, O. Sousa, P. Braga, M. Goncalves, A. Albuquerque, V. Gama (Villa Nova de Gaia - PT)
- A Pre-Hospital Emergency System «Green Way AMI» improves Heart Failure rate at 6 months in STEMI patients. 1098
V. Gomes, J. Trigo, P. Gago, J. Mimoso, R. Faria, N. Marques, W. Santos (Faro - PT)
- The Prevalence, and determinant factor of pulmonary hypertension in patient with diastolic heart failure. A Clinical Study in the elderly Saudi patients with up to 5 years follow-up. 1099
F. El Shaer (Riyadh - SA)
- The effect of unsupervised daily physical activity on the heart rate recovery in patients with advanced heart failure. 1100
K. Tsarouhas, C.H. Karatzaferi, P. Pavlidis, C.H. Tsitsimpikou, E. Rentoukas, Z. Kyriakides, L. Constantinou, Y. Koutedakis (Athens, Trikala - GR)
- Low-intensity interval training in selected patients with severe heart failure early after episode of decompensation - pilot study. 1101
A.A. Doletsky, A.V. Snytnikova, A.V. Svet, D.A. Andreev, A.L. Syrkin (Moscow - RU)
- Nursing.**
- Inverse association of waist circumference with mortality in heart failure patients. 1102
M. Carey, A. Headon, S. Fall, E. Cronin, M. Eldifil, B. Kahn, S. Kasim, V. Maher (Dublin - IE)
- Adherence to medication and non-pharmacological recommendations in telemonitored heart failure patients. 1103
J.J.J. Boyne, B. Ramaekers, R. De Wit, A.P.M. Gorgels, H.J.M. Vrijhoef (Maastricht - NL)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Telemonitoring in heart failure increases patients' confidence in self care but identifies additional healthcare needs. The Home-HF study. 1104
J. Riley, O. Dar, C. Chapman, S.W. Dubrey, S.D. Rosen, J.P.N. Gabe, M.R. Cowie (London, Middlesex - GB)
- The diuretic and haemodynamic effect of nebulised frusemide in heart failure. 1105
P. Newton, P.M. Davidson, H. Krum, R. Ollerton, P. Macdonald (Sydney, Melbourne - AU)
- The role of comorbidities in elderly patients with heart failure: implication on survival. 1106
N. Munoz Rivas, M. Mendez, J. Ortiz Alonso, S. Nieto, L. Audibert Mena, P. Renieblas (Madrid - ES)
- Improvement of anaemia is associated with improved survival in elderly heart failure patients. 1107
M. Mendez, N. Munoz Rivas, J. Ortiz Alonso, S. Nieto, P. Renieblas (Madrid - ES)
- The added value to NYHA class of Quality of life scores in heart failure patients: Evidence from nursing GISSI-HF study. 1108
P. Di Giulio, D. Miani, G. Tognoni (Milan, Udine, S.Maria Imbaro - IT)
- Loneliness in patients with chronic heart failure affects health care utilization. 1109
C. Lofvenmark, A-C. Mattiasson, E. Billing, M. Edner (Stockholm, Uppsala - SE)
- The effects of advanced nursing interventions on patients with heart failure. 1110
E. Lambrinou, F. Kalogirou (Nicosia - CY)
- Cognitive functioning with heart failure patients. 1111
E.P.J. Wijtvet (Utrecht - NL)
- Does the european heart failure self-care behaviour scale accurately capture patient self-care practice? 1112
M. Ryder, B. Travers, L. Lalor, N. Edwards, D. McCaffrey, K. McDonald (Dublin - IE)
- Patients with heart failure do not receive enough lifestyle and self-management advice at hospital discharge. 1113
M. Lainscak, L. Hodosek-Majc, J. Farkas, D. Stevanec, T. Jaarsma (Golnik, Ljubljana - SI, Groningen - NL)
- Heart failure and coping. 1114
M.D.W. De Winter, H.V.D.K. Vandekerckhove, A.K.A. Ascoop, H.B. Boudrez (Ghent - BE)
- Assessing patients suitability for cardiac resynchronisation therapy a new role for the Heart Failure Nurse Specialist. 1115
J. Carson (Glasgow - GB)
- Listen to the patient: a patient-centered care (PCC) approach. 1116
A. Wolf, L-E. Olsson, I. Ekman (Gothenburg - SE)
- Population studies / Epidemiology.**
- Epidemiology of heart failure in India. 1117
S. Seth, S. Ramakrishnan, A. Roy, B. Bhargava, V.K. Bahl, P.A. Poole-Wilson (New Delhi - IN, London - GB)
- Hyperuricemia and the risk for incident heart failure. 1118
E. Krishnan (Palo Alto - US)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Prevalence of Sleep Apnoea Syndromes in a 316 patient-French Cohort of stable Congestive Heart Failure. 1119
T. Damy, A. Paulino, L. Margarit, M. Stoica, G. Soulef, E. Vermes, M.P. D'ortho, L. Hittinger (Creteil - FR)
- Cardiomyopathy and heart failure as causes of mortality in a population of 41654,020 Habitants. 1120
E.A. Bocchi, G. Guimaraes, F. Tarasoutshi, G. Spina, S. Mangini, F. Bacal (Sao Paulo - BR)
- Hospital treatment for heart failure in the Czech Republic 1986-2007: increasing numbers and changing features and therapy. 1121
J. Bruthans, J. Holub (Prague - CZ)
- Predictors of outcome in a multi-ethnic Southeast Asian heart failure population. 1122
L.F. Ling, L. Shen, H.Y. Ong, C.Y. Soon, P. Chai (Singapore - SG)
- Extracardiac manifestations and immunologic findings associated with the presence of Libman-Sacks endocarditis in Systemic Lupus Erythematosus. 1123
I. Moyssakis, M. Tektonidou, V. Vasiliou, N. Lionakis, I. Vlahodimitris, V. Votteas, H. Moutsopoulos (Athens - GR)
- Echocardiographic screening for diagnosis of rheumatic heart disease in asymptomatic children in India: A pilot study. 1124
A. Saxena, A. Roy, S. Seth, S. Ramakrishnan, A. Krishnan, S.K. Reddy, B. Bhargava, PA. Poole-Wilson (New Delhi - IN)
- Annual trends hospitalisation for heart failure in a Hispanic population. 1125
E. Silva, J.J. Villamil, M. Luzardo, S. Briceno, T. Castellanos, C. Esis, A. Gonzalez, M. Bracho (Maracaibo - VE)
- Outcome of patients discharged on loop diuretic therapy with or without a diagnosis of heart failure. 1126
J.G.F. Cleland, A.S. Yassin, Y. Arrow, J. Taylor, G. Britchford, K.M. Goode, A.L. Clark (Kingston Upon Hull - GB)
- End of life care in patients with heart failure: a survey in daily practice. 1127
F.H. Rutten, W.S. Heddema, A.W. Hoes (Utrecht - NL)
- Mode and place of death of patients with heart failure. 1128
F.H. Rutten, W.S. Heddema, A.W. Hoes (Utrecht - NL)
- The role of nt proBNP and gfr in predicting outcomes in hypertensive patients with diastolic dysfunction. 1129
E. Belu, R. Musetescu, V. Belu, S. Gusti, D.-D. Ionescu (Craiova, Campulung - RO)
- The finnish diabetes risk score (FINDRISC) predicts impaired glucose tolerance in a heart failure population. 1130
S. Chacko, C.C. Boesch, M.A. Mamas, J. Gow, S. Bowell, L. Neyses (Manchester - GB)
- Management of patients with heart failure with preserved ejection fraction. An outpatient french survey in office-based cardiologists. 1131
P. De Groote, F. Dievert, O. Hanon (Lille, Dunkerque, Paris - FR)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- How do patients with a diagnosis of heart failure present? A report from the EuroHeart Failure Survey-I. 1132
A.S. Yassin, K. Goode, D. Bhatia, A.S. Rigby, M. Komajda, F. Follath, K. Swedberg, J.G.F. Cleland (Hull - GB, Paris - FR, Zurich - CH, Gothenburg - SE)
- Heart Failure in Thailand - a comparison between European and Thai registries. 1133
M. Gabrielsson, E. Rosenberg, P. Laothavorn, K. Swedberg (Gothenburg - SE, Bangkok - TH)
- Heart Failure as a risk indicator to depressive symptoms in older adults. 1134
E. Selcuk, C. Kaymaz (Istanbul - TR)
- Searching for HF patients. 1135
R. Mariotti, G. Borelli, F. Bellini, P. Rossi, E. Raggi, M. Polselli, D. Arrighini, A. Balbarini (Pisa, Massa - IT)
- Characteristics, management and outcome of patients hospitalized with acute, systolic heart failure. 1136
S. Hozien, N. Farag, S. Sabet, R. Raymond (Giza - EG)
- Advanced chronic heart failure is a real clinical problem in an emergency hospital. 1137
E. Badila, D. Bartos, S. Ghiorghe, C.M. Tirziu, M. Dorobantu (Bucharest - RO)
- Clinical and demographic differences among patients with heart failure from brazilian urban and rural areas. 1138
H.M. Balieiro, T.L. Balieiro, S. Bernardes, A. Lagoeiro, L.S.R. Reis, V.S. Mello, D.C. Moraes, E.T. Mesquita (Valenza, Niteroi - BR)
- Epidemiology and differential clinical characteristics of the elderly population followed up in general cardiology outpatient clinics. 1139
R. Bover Freire, N. Perez-Castellano, J. Moreno Planas, R. Morales Perez, J.L. Zamorano Gomez, A. Ramos Isabel, J. Perez-Villacastin, C. Macaya Miguel (Madrid - ES)
- Prevalence of heart failure in small vessel vasculitis patients. 1140
L. Strizhakov, O. Krivosheev, D. Shchekochihin (Moscow - RU)
- Role of a specialistic and integrated approach to care on hospitalizations, survival and mortality in patients with heart failure. 1141
E.R. Rinaldi, E.R. Cosentino, D. Degli Esposti, S. Bacchelli, M. Pombeni, F. Santi, A. Dormi, C. Borghi (Bologna - IT)
- Reduction in hospital readmissions for heart failure in a university centre from 1992 to 2006. 1142
M. Arnold, G.E. Marchiori (London - CA)
- Association of gender with cardiac and non-cardiac mortality in chronic heart failure with systolic dysfunction. 1143
J.A. Franco Pelaez, J.A. Serrano Sanchez, M. Cortes Garcia, R. Munoz Aguilera, J.A. Garcia Robles, D. Pascual Hernandez, P.L. Sanchez Fernandez, F. Fernandez-Aviles (Arganda Del Rey, Madrid - ES)
- Study of the relationship between depression (DP) and heart failure (HF) in rural area population. 1144
H. Balieiro, T.L. Balieiro, I.V. Silva, R.B. Moreira, R. Kazuo, L.S.R. Reis, L.H. Miranda, E.T. Mesquita (Valenza, Niteroi - BR)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

Prevalence and clinical management of heart failure in the general cardiology outpatient clinic. 1145

R. Bover Freire, N. Perez-Castellano, J. Moreno Planas, R. Morales Perez, J.L. Zamorano Gomez, A. Ramos Isabel, J. Perez-Villacastin, C. Macaya Miguel (Madrid - ES)

Gender and outcome in left ventricular systolic dysfunction due to ischaemic heart disease. 1146

J.A. Franco Pelaez, J.A. Serrano Sanchez, D. Pascual Hernandez, R. Munoz Aguilera, J.A. Garcia Robles, M. Cortes Garcia, P.L. Sanchez Fernandez, F. Fernandez-Aviles (Arganda Del Rey, Madrid - ES)

Psychosocial / ethical concepts.

Validation of the Spanish version of the Kansas City Cardiomyopathy Questionnaire. 1147

J. Comin-Colet, J. Lupon, O. Garin, R. Elosua, N. Manito, M. Gomez-Bueno, M. Crespo (Barcelona, Badalona, Llobregat, Madrid, La Coruna - ES)

Short term depressive symptoms seem to confer to endothelium dysfunction in patients with chronic heart failure. 1148

C. Chrysohoou, G. Metallinos, C. Pitsavos, A. Miliou, C. Kastorini, S. Athanassopoulou, P. Aggelopoulos, C. Stefanadis (Athens - GR)

Impact of Implantable Cardio-Defibrillator on Quality of Life of patients with prophylactic implantation for sudden cardiac death prevention. 1149

F. Canario-Almeida, V. Sanfins, F. Ferreira, O. Azevedo, J. Guardado, F. Sousa, A. Pereira, J. Almeida (Guimaraes - PT)

How to do prevention in immigrants. 1150

A. Bader, H. Bezirkan, M. Hochleitner (Innsbruck - AT)

Symptoms of depression and low quality of life in clinically stable CHF elderly patients. 1151

S. De Feo, A. Fusco, F. Leonardo, O. Spadaro, L. Pederzoli, I. Sheiban, A. Vicentini (Peschiera del Garda - IT)

Correlation between the number of hospitalizations because of decompensated chronic heart failure and emotional state of patients with chronic heart failure. 1152

M. Bohdan, G. Zuk, E. Bluj, J. Wroblewska, J. Morys, M. Gruchala, A. Rynkiewicz (Gdansk - PL)

Psychosocial traits in heart failure patients. 1153

C. Figueroa, L. Alcocer, B. Ramos, B. Gaona, T. Hernandez (Mexico - MX)

Cognitive behavior modification program in heart failure patients. 1154

C. Figueroa, L. Alcocer, B. Ramos, T. Hernandez, B. Gaona (Mexico - MX)

Depression, anxiety and health related quality of life in heart failure patients. 1155

C. Figueroa, L. Alcocer, B. Ramos, T. Hernandez, B. Gaona (Mexico - MX)

Others.

Heart failure is the most often complication during pregnancy and childbirth in patients with congenital heart diseases. 1156

O. Trojnaraska, A. Bartczak, J. Jarek, K. Plaskota, S. Grajek, M. Jemielity (Poznan - PL)

Incidence, predictors and impact of congestive heart failure in infective endocarditis. 1157

S. Rekik, I. Trabelsi, M. Hentati, S. Kammoun (Sfax - TN)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Towards the development of simple ambulatory screening techniques for sleep disordered breathing in heart failure patients: measuring periodic breathing duration. 1158
G.D. Pinna, R. Maestri, E. Robbi, M.T. La Rovere (Montescano - IT)
- Comparisons of therapies with oxygen and adaptive servo ventilation for cheyne-stokes respiration in patients with heart failure. 1159
A. Yoshihisa, T. Sato, H. Suzuki, S. Saito, T. Ishibashi, Y. Takeishi (Fukushima - JP)
- Effects of resynchronization therapy in elderly women with severe heart failure. 1160
S. De Feo, A. Fusco, F. Leonardo, O. Spadaro, L. Pederzoli, I. Sheiban, A. Vicentini (Peschiera del Garda - IT)
- Reduced renal function, repeated heart failure hospitalization and body weight loss predict cardiac death in patients admitted for decompensated systolic heart failure. 1161
M. Fukunami, T. Yamada, T. Morita, S. Sanada, Y. Okuyama (Osaka - JP)
- Influence of left ventricular ejection fraction on cardiac rehabilitation programs from the Italian Survey on Cardiac Rehabilitation (ISYDE-2008). 1162
S. De Feo, R. Tramarin, M. Ambrosetti, M. Piepoli, C. Riccio, R. Griffo (Peschiera del Garda, Cernusco S/N, Cunardo - Va, Piacenza, Caserta, Arenzano - Ge - IT)
- Relationship of circulating adiponectin with markers of systemic inflammation, atherogenic dyslipidemia in patients with congestive heart failure. 1163
I. Gutiu, C. Ciadli, M. Puschita, R. Gligor (Arad - RO)
- Changes in hypoxia-inducible factor (HIF-1 α) in patients with chronic heart failure and systolic dysfunction of left ventricle. 1164
A. Panferov, D. Napalkov, V. Sulimov, A. Levina, Y. Manukova (Moscow - RU)
- Procoagulant state in heart failure with normal left ventricular ejection fraction. 1165
B. Jug, B. Guzik Salobir, N. Vene, M. Sebestjen, M. Sabovic, I. Keber (Ljubljana - SI)
- A network against failing hearts: Introducing the german competence network heart failure. 1166
F. Mehrhof, H.D. Duengen, C. Oezcelik, M. Rauchhaus, R. Dietz (Berlin - DE)
- Depressed heart rate variability correlates with anaemia and impaired quality of life in patients with chronic compensated heart failure. 1167
G.C. Metallinos, C. Chrysohoou, C. Pitsavos, S. Athanasopoulou, P. Aggelopoulos, S. Archodakis, P. Pietri, C. Stefanadis (Athens - GR)
- Endothelial markers may link kidney function to cardiovascular events in type 2 diabetes mellitus. 1168
M. Clodi, S. Neuhold, M. Resl, M. Elhenicky, G. Strunk, J. Struck, R. Pacher, M. Huelsmann (Vienna - AT, Hennigsdorf - DE)
- Repeated measurements of NT-pro-BNP for dynamic risk stratification in critically ill cardiac patients. 1169
B. Meyer, P. Wexberg, G. Heinz, R. Pacher, M. Huelsmann (Vienna - AT)
- Management of patients with heart failure in clinical practice: differences between men and women. 1170
T. Livieratos, A.R. Tziavas, G.E. Kordosis, K.I.R. Grammatikopoulos, P.A.N. Koustas, A.T.H. Germanos (Agrinio - GR)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Is there a correlation between cognitive impairment and prognostic parameters in patients with congestive heart failure or after cardiac surgery? 1171
M. Feola, P. Vallauri, C. Taglieri, E. Lombardo, M. Nasi, N. Aspromonte, R. Valle (Fossano, Rome, Chioggia - IT)
- Tissue Doppler Imaging: a reliable method to predict high levels of serum NTproBNP in patients with intermediate E/Ea ratio. 1172
C. Mornos, A. Ionac, D. Cozma, D. Rusinaru, L. Petrescu, S. Pescariu, C. Neagoe, S.I. Dragulescu (Timisoara - RO)
- Cardiac sympathetic nervous disintegrity relates to cheyne-stokes respiration in heart failure. 1173
A. Yoshihisa, T. Sato, H. Suzuki, S. Saito, T. Ishibashi, Y. Takeishi (Fukushima - JP)
- State of knowledge regarding heart failure in the population. 1174
D. Jahandar Lashki, F. Mehrhof, S. Inkrot, E. Tahirovic, R. Wachter, F. Edelmann, S. Pankuweit, H.D. Duengen (Berlin, Goettingen, Marburg - DE)
- Comprehensive scale of long-term mortality risk evaluation related to the presence of chronic kidney disease complication in heart failure patients with reduced and preserved ejection fraction. 1175
M.H. Starczewska, M. Roik, P. Scislo, J. Kochanowski, G. Opolski (Warsaw - PL)
- Prevalence of erectile dysfunction in men with heart failure and its associations and implications. 1176
S.V. Ramesh, H.W. Sim, K.M. Lim, M.S. Athar, W.Y. Low, S.V. Dinesh, Z.A. Imran, W. Azman (Kuala Lumpur - MY)
- Moderate coffee consumption lowers the likelihood of developing left ventricular systolic dysfunction in post Acute Coronary Syndrome normotensive patients. 1177
C. Kastorini, C. Chrysoshoou, P. Aggelopoulos, C. Lontou, G.C. Metallinos, C. Pitsavos, D. Panagiotakos, C. Stefanadis (Athens - GR)
- Predictors of heart failure in patients with acute myocardial infarction with ST segment elevation according with ECG characteristics. 1178
CL. Calin, V. Chioncel, O. Dina, I. Gabor, C. Sinescu, M. Nedelcu (Bucharest - RO)
- Chronic obstructive pulmonary disease as a comorbidity in acute myocardial infarction. 1179
G. Gheorghe, I.T. Nanea, I.M. Andrei, C. Nicolae (Bucharest - RO)
- Markers of endothelium dysfunction and proteolysis/fibrinolysis in urine of patients with hypertension nephropathy. 1180
X. Gladkaya, M. Nanchikeeva, O. Ostapushchenko, L. Kozlovskaya, V. Fomin (Vladimir, Moscow - RU)
- Microvascular perfusion in patients with STEMI and newly detected glucose abnormalities treated with primary PTCA - influence on myocardial necrosis and long term outcome. 1181
M. Roik, M.H. Starczewska, G. Opolski (Warsaw - PL)
- Efficacy of the cardiovascular rehabilitation in patients with congestive heart failure or after cardiac surgery. 1182
M. Feola, P. Vallauri, C. Taglieri, E. Lombardo, M. Nasi, N. Aspromonte, R. Valle (Fossano, Rome, Chioggia - IT)
- In-hospital deterioration of Killip class in acute coronary syndrome patients: predictors and prognosis. 1183
S. Ribeiro, A. Gaspar, S. Nabais, S. Rocha, P. Azevedo, A. Salgado, M.A. Pereira, A. Correia (Braga - PT)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Characterization and outcomes of patients with constrictive pericarditis. 1184
R. Lopes, P. Lourenco, P. Dias, J.C. Silva, M.J. Maciel, P. Bettencourt (Porto - PT)
- Passive smoking seems to confer to the risk of development left ventricular systolic dysfunction in patients with Acute Coronary Syndromes. 1185
C. Chrysoshoou, C. Pitsavos, P. Aggelopoulos, J. Skoumas, G.C. Metallinos, E. Tsiamis, D. Panagiotakos, C. Stefanadis (Athens - GR)
- Frequency and etiology of anemia in Chilean patients with acute decompensated heart failure. 1186
L. Sepulveda Morales, C. Trejo, M. Llancaqueo, H. Sanhueza (Santiago - CL)
- The new oscillometric method for complex assessment of arterial function in patients with coronary artery disease with heart failure. 1187
T. Momcilov-Popin, A. Stojic Milosavljevic, N. Cemerlic Adjic, K. Pavlovic, M. Mironicki, A. Katona, S. Popin, L. Madjar (Sremska Kamenica, Novi Sad, Subotica - RS)
- Left ventricular diastolic function in chronic heart failure outpatients above age 60 years with or without mitral regurgitation. 1188
V.N. Larina, B.B. Bart (Moscow - RU)
- Heart rate variability at patients with ischaemic heart disease and different functional class of heart failure. 1189
A. Ibatov (Moscow - RU)
- Possible interaction between gender and cardiovascular risk factors in first- and second-generation Turkish migrant women. 1190
A. Bader, D. Musshauer, A. Chwosta, M. Hochleitner (Innsbruck - AT)
- Assessment of echocardiographic parameters before and after dialysis as responses to a volume - pressure load of the circulatory system of dialysis patients - a predictor of cardiovascular mortality. 1191
P. Kycina, L. Kycinova, J. Murin (Lipt. Mikulas, Bratislava - SK)
- Anaemia and heart failure. 1192
L. Abid, R. Hammami, I. Trabelsi, S. Krichene, L. Laroussi, M. Sahnoun, S. Mallek, S. Kammoun (Sfax - TN)
- Fish consumption is associated with lower likelihood of developing left ventricular systolic dysfunction, in Acute Coronary Syndrome patients. 1193
C. Chrysoshoou, C. Kastorini, P. Aggelopoulos, C. Lontou, G.C. Metallinos, C. Pitsavos, D. Panagiotakos, C. Stefanadis (Athens - GR)
- Homocysteine levels in patients with heart failure with preserved ejection fraction. 1194
E. Okuyan, A. Uslu, M.O. Levent, I. Sahin, I. Onur, M.H. Dinckal (Istanbul, Kastamonu - TR)
- Is there a relationship between tinnitus and heart failure? 1195
C.L. Calin, A.I. Popa, C.J. Sinescu, I. Gabor, O. Dina, M. Nedelcu (Bucharest - RO)
- Clinical particularities in the early evolution of acute inferior and right ventricular myocardial infarction. 1196
G. Gheorghe, I.T. Nanea, I.M. Andrei, N. Paun (Bucharest - RO)
- Diastolic heart failure: Are we doing enough to prevent it? 1197
A. Khan, R.B. Boner, A.O. Oureshi, S.A. Arnous, E.J. Joyce, P.N. Nash, K.D. Daly, J.C. Crowley (Galway - IE)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Heart failure and gout, a preferential intimate relationship? 1198
F.F. Willems, P. Ninaber, M. Rolfes, L. Roovers, R. Westra, M. Janssen (Arnhem - NL)
- Exclusive olive oil consumption is associated with lower likelihood of developing left ventricular systolic dysfunction in Acute Coronary Syndrome patients. 1199
C. Chrysoshoou, C. Kastorini, D. Panagiotakos, P. Aggelopoulos, D. Tsiachris, G.C. Metallinos, C. Pitsavos, C. Stefanadis (Athens - GR)
- Relation of heart rate turbulence to cardiac left ventricular function and heart rate variability in elderly patients with heart failure. 1200
A. Toepfer, H.-D. Duengen, S. Inkrot, L. Reinhardt, W. Haverkamp (Berlin, Hohen Neuendorf - DE)
- Is trimetazidine, 'on top of' standard treatment useful in patients with preserved ejection fraction heart failure of ischaemic etiology? 1201
I.C. Dahan, A. Dan, C. Stancescu, K. Branidou, D. Iorgovan (Bucharest - RO)
- Beneficial effect of quantum therapy on fibrinolysis and hemostasis in chronic heart failure patients. 1202
I.G. Alizade, N.T. Karayeva (Baku - AZ)
- Difference between prevalence and predictive value of microalbuminuria in diabetic and nondiabetic patients with acute myocardial infarction. 1203
D. Stanojevic, S.A. Apostolovic, R.J. Jankovic, S.S.M. Salinger-Martinovic, D.D.R. Djordjevic-Radojkovic, M.P. Pavlovic (Nis - RS)
- Respiration patterns in heart failure. 1204
A. Wolf, L.-E. Olsson, K. Swedberg, I. Ekman (Gothenburg - SE)
- Myocardial infarction and the use of hormonal replacement therapy in postmenopausal women. 1205
G. Dadashova, A.B. Bakhshaliyev, N. Mamedova (Baku - AZ)
- Exercise testing.**
- The course of platelet activation during and after treadmill testing in patients with coronary artery disease. 1207
M. Kobusiak-Prokopowicz, W. Kuliczowski, B. Karolko, I. Prajs, W. Mazurek (Wroclaw - PL)
- Pulse oximetry in six minutes walk test and exercise tolerance in outpatients with chronic heart failure. 1208
S.L.G. Guilhon, S. Chermont, M.V.M. Velloso, S.L.L.M. Lindemberg, B.M. Motta, A.C.L.N. Nobrega, M.M.P.Q. Quintao, E.T.M. Tinoco Mesquita (Rio De Janeiro, Niteroi, Teresopolis - BR)
- CPAP acutely improves chronotropic responses, rate pressure product and mild correlated pulse pressure with six minute walk distance in patients with chronic heart failure. 1209
S. Chermont, M.M.P. Quintao, M.M. Velloso, N.N.R. Rocha, W. Martins, E.T. Mesquita, A.C.L. Nobrega (Niteroi, Teresopolis - BR)
- Myoglobin concentration in skeletal muscle fibres of chronic heart failure patients. 1210
M.A. Bekedam, B.J. Van Beek-Harmsen, W. Van Mechelen, A. Boonstra, W.J. Van Der Laarse (Amsterdam - NL)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Determinants of exercise capacity in ischaemic heart failure patients. The role of stress echocardiography. 1211
P. Rubis, P. Podolec, G. Kopec, J. Podolec, M. Olszowska, M. Pasowicz, W. Tracz (Krakow - PL)
- Relation between dynamic changes of left ventricle filling pressure and NYHA functional classification. 1212
P. Rubis, P. Podolec, G. Kopec, P. Herod, S. Drapisz, M. Olszowska, M. Pasowicz, W. Tracz (Krakow - PL)
- Relation between ventricular diastolic function and exercise capacity in patients after Fontan operation. 1213
L. Tomkiewicz-Pajak, P. Podolec, J. Kolcz, J. Skalski, M. Pieculewicz, W. Tracz (Krakow - PL)
- Changes of ANP/BNP ratio after exercise can predict exercise capacity in CHF. 1214
T. Sato, M. Takano-Iwai, M. Oikawa, A. Yoshihisa, T. Ishibashi, Y. Takeishi (Fukushima - JP)
- Prognostic value of a new cardiopulmonary exercise test parameter in patients with chronic heart failure. 1215
A. Toste, R.M. Soares, J. Feliciano, V. Andreozzi, S. Silva, A. Mamede, A. Abreu, R.C. Ferreira (Lisbon - PT)
- Low Triiodothyronine and Exercise Capacity in Heart Failure. 1216
M. Fontana, C. Passino, R. Poletti, L. Pastormerlo, G. Vergaro, L. Zyw, M. Emdin, G. Iervasi (Pisa - IT)
- Chronotropic response to exercise and Heart rate variability in Middle-aged veteran Elite Athletes. 1217
Z. Pagava, N. Sharashidze, G. Saatashvili, R. Agladze (Tbilisi - GE)
- Dynamic changes of arterial compliance during exercise is an independent predictor of exercise capacity. 1218
C.Y. Shim, J.W. Ha, S. Park, S.A. Kim, S.J. Rhee, E.Y. Choi, N. Chung (Seoul - KR)
- Cardiopulmonary exercise testing for predicting outcomes in patients with heart failure - Advantage of a multivariable score? 1219
A. Toste, R.M. Soares, J. Feliciano, V. Andreozzi, A. Mamede, A. Abreu, L. Ferreira, R.C. Ferreira (Lisbon - PT)
- Is exercise training feasible for elderly heart failure patients within a day hospital setting? A pilot study. 1220
J. Mcmanus, F. Boyce, J. Page, J. Martin, L. Murray, J. Taylor (Glasgow - GB)
- Diastolic stress test using external pressure transducer: differentiation of myocardial diseases by assessing left ventricular behaviour during handgrip. 1221
J. Manolas (Athens - GR)
- Reproducibility of indices of heart rate response to exercise and recovery during cardiopulmonary exercise test in patients with chronic heart failure. 1223
B. Krakowiak, A. Rydlewska, W. Banasiak, E.A. Jankowska, P. Ponikowski (Wroclaw - PL)
- The value of anaerobic threshold and VE/VCO₂ slope in the assessment and risk stratification of patients with chronic heart failure. 1224
A. Kaoukis, A. Karavidas, S. Arapi, V. Matzaraki, M. Driva, J. Kaplanis, E. Matsakas, V. Pyrgakis (Athens - GR)

14:00 - 18:00

CLINICAL POSTER SESSION IV

Clinical Poster Area
Level 2 & 3

- Assessment of functional capacity and stratification patients with isolated left ventricular diastolic dysfunction. 1226
M. Dekleva, J.S. Suzic, M.K. Kleut, A.S. Sijovic, V.C. Celic, B.P. Pencic (Belgrade - RS)
- Characterization of diastolic dysfunction during stress echocardiography in patients with preserved ejection fraction. 1227
D. Feldman, N. Patel, J. Hymas, R.P. Kutra, M. Craig, D. Orsinelli (Columbus, Minneapolis - US)
- Diastolic dysfunction in chronic heart failure and aging - effects of exercise training. 1228
M. Sandri, S. Gielen, N. Mangner, R. Hoellriegel, R. Hambrecht, G. Schuler (Leipzig - DE)
- Heart rate recovery is weaker prognostic factor than VE/VO2 slope in patients with chronic heart failure. 1229
E. Straburzynska-Migaj, H. Wachowiak-Baszynska, A. Gwizdala, S. Grajek (Poznan - PL)
- Does renal function provide additional prognostic information to NT-proBNP and VO2max/workload in predicting mortality and morbidity in patients with chronic heart failure? 1230
A. Van Der Spank, H.J. Verberne, G.A. Somsen, W.B. Hamersma (Amsterdam - NL)
- Serum oxidizability potential predicts exercise test results in patients with congestive heart failure. 1231
E. Goldhammer, Y. Rivlin, A. Tanchilevitch, S. Shnizer (Haifa - IL)
- Increased LV stiffness impairs cardiac exercise capacity in patients with heart failure symptoms despite normal left ventricular ejection fraction. 1232
D. Sinning, M. Kasner, D. Westermann, C. Schulze, H.P. Schultheiss, C. Tschoepe (Berlin - DE)
- Statin therapy might with exercise intolerance in patients with chronic heart failure. 1233
T. Naka, C. Yoshida, T. Akagami, T. Doi, T. Sakoda, T. Tsujino, T. Masuyama, M. Ohyanagi (Nishinomiya - JP)
- Heart rate profile during exercise test and recovery in men with systolic chronic heart failure. 1234
B. Krakowiak, A. Rydlewska, B. Ponikowska, L. Borodulin-Nadzieja, W. Banasiak, E.A. Jankowska, P. Ponikowski (Wroclaw - PL)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION IV

Basic Science Poster Area
Level 2

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00. The presenter should be present throughout the coffee break (15:30 to 16:30) in order to discuss the poster.

Disease management programmes.

- Vitamin C but not thiamine deficiency in black African patients with heart failure in South Africa: Identifying the need for nutritional intervention in the urban African setting. 1235
S. Pretorius, S. Stewart, K. Walker, N. Crowther, T. Snyman, K. Sliwa (Johannesburg - ZA, Sydney - AU)

Exercise testing.

- Changes in properties of internal components of red blood cells after single bout of exercise in healthy and untrained subjects. 1236
K. Gwozdziński, A. Pieniazek, J. Brzeszczynska, A. Jegier (Łódź - PL, Edinburgh - GB)

Other.

- Modulation of the nitric oxide metabolism overcomes the unresponsiveness of the diabetic human myocardium to ischaemic preconditioning. 1237
A. Barua, N. Standen (Leicester - GB)
- Thermography is the new method for evaluation of myocardium ischaemic injury. 1238
R. Lekas, J. Povilas, K. Algimantas, C. Genuvaite, V. Vincentas, V. Ruta (Kaunas - LT)
- Resistance and endurance exercise training in chronic heart failure patients in extra-hospital environment, feasibility and efficacy. 1239
C. Tarperi, L. Zanolla, A. Baraldo, R. Zampini, F. Schena, A. Cevese (Verona - IT)
- Resistance and endurance exercise training in chronic heart failure patients. From base research to practical applications. 1240
C. Tarperi, L. Zanolla, R. Abukareh, L. Franceschini, G. Golia, C. Vassanelli, A. Cevese (Verona - IT)

Population studies / Epidemiology.

- Raval study (First stage): looking for genetical disorder. 1241
O. Londono Sanchez, L. Muntaner, S. Pacreu, C. Navarro (Barcelona - ES)
- Re-Hospitalization rate due to DRG 127: a third level hospital experience. 1242
F. Bellini, G. Borelli, P. Bendinelli, F. Castrogiovanni, D. Benvenuti, L. Rondinini, R. Mariotti (Pisa - IT)

Metabolism / Ischaemia / Reperfusion / Preconditioning.

- PTEN inducible kinase-1 (PINK1): A novel mitochondrial target for myocardial protection. 1243
M.M. Mocanu, S.B. Ong, U.A. Mukherjee, S.M. Davidson, D.M. Yellon, D.J. Hausenloy (London - GB)
- Mechanisms involved in the cardioprotective effects of ivabradine against ischaemia-induced ventricular fibrillation. 1244
Q. Timour, F. Vaillant, A. Mazzadi, P. Gluais-Dagorn, J. Descotes, A. Tabib, B. Bui-Xuan, P. Chevalier (Lyon, Courbevoie - FR)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION IV

Basic Science Poster Area
Level 2

- The paradoxical role of the mitochondrial permeability transition pore as a mediator of ischaemic preconditioning. 1245
D.J. Hausenloy, S.M. Davidson, S.Y. Lim, D.M. Yellon (London - GB)
- Deletion of von Hippel-Lindau gene in the heart reduces myocardial infarct size. 1246
S.Y. Lim, S.G. Ong, D.H. Shukla, P. Maxwell, D.M. Yellon, D.J. Hausenloy (London - GB)
- Sitagliptin limits myocardial infarct size in a glucose-sensitive manner. 1247
M.M. Mocanu, D.J. Hausenloy, A.M. Wynne, L. Theodorou, N. Riksen, R. Carr, D.M. Yellon (London - GB, Nijmegen - NL)
- Aquaporins: New players in heart physiology and ischaemia-reperfusion injury. 1248
A. Rutkovskiy, K.-O. Stenslokken, M. Amiry-Moghaddam, O.P. Ottersen, T. Flatebo, G. Czibik, G. Valen, J. Vaage (Oslo - NO)
- Involvement of PKC alpha in cardiomyocyte survival and correlation with reoxygenation injury in the heart of cyanotic patients. 1249
M. Cherif, M. Caputo, D. Murphy, G.D. Angelini, M. Ghorbel (Bristol - GB)
- Protection of cardiac myocytes against reperfusion injury through inhibition of Glycogen synthase kinase-3 beta involves the mitochondrial permeability transition pore (MPTP). 1250
Y. Abdallah, W. Iraqi, T. Shahzad, S.A. Kassekert, H.M. Piper (Giessen - DE)
- Impaired adaptive response to acute hemodynamic overload during ischaemia: Benefits of early reperfusion and ischaemic preconditioning. 1251
R. Ladeiras-Lopes, J. Ferreira-Martins, A.L. Pires, M. Pintalhao, R. Ferreira, R. Fontes-Carvalho, P. Castro-Chaves, A. Leite-Moreira (Porto - PT)
- Loss of insulin mediated protection in uraemic cardiomyopathy. 1252
D. Semple, S. Bhandari, A.-M.L. Seymour (Hull - GB)
- The role of the Reperfusion Injury Salvage Kinase (RISK) pathway in remote ischaemic preconditioning and postconditioning. 1253
E.K. Iliodromitis, A. Paplois, G. Gritsopoulos, D.T. Kremastinos, D.M. Yellon, D.J. Hausenloy (Athens - GR, London - GB)
- Cell Signalling.**
- Subcellular localisation of Nox4 NADPH oxidase in cardiovascular cells. 1254
N. Anilkumar, A.C. Brewer, M. Zhang, C. Murdoch, R. Ray, A.M. Shah (London - GB)
- Involvement of beta1- vs beta2 adrenergic receptors in the modulation of cardiac contractility by antagonists of the PI3K-Akt pathway. 1255
R. Chisci, M. Rocchetti, G. Saturno, L. Cipolla, M. Venturi, A. Zaza (Milan, Nerviano - IT, Basel - CH)
- p63RhoGEF mediates the angiotensin II-induced activation of RhoA in rat aortic smooth muscle cells. 1256
S. Lutz, A. Lorincz, C. Franjicz-Wuerz, C. Vettel, M. Thomas, T. Wieland (Mannheim - DE)
- Ca²⁺-independent CaMKII activation by Angiotensin II: a novel cell death pathway. 1257
J. Palomeque, J.O. Velez Rueda, L. Sapia, C.A. Valverde, M.A. Salas, M.G. Vila Petroff, A. Mattiazzi (La Plata - AR)
- Ahnak1 deficiency results in abnormal cytoarchitecture and reduced beta-adrenergic responsiveness of adult ventricular cardiomyocytes. 1258
H. Haase, D. Petzholt, K. Wenzel, T. Christ, R. Schneider, P. Karczewski, M. Kouno, I. Morano (Berlin, Dresden, Leipzig - DE, Tokyo - JP)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION IV

Basic Science Poster Area
Level 2

- Roles of phosphodiesterase isoforms in PKA-mediated attenuation of PKD activation in myocardium. 1259
R.S. Haworth, A. Doal, S. Reji, F. Cuello, M. Avkiran (London - GB)
- Growth factor stimulation of hyaluronan synthesis by cultured cardiomyocytes and fibroblasts. 1260
U. Hellman, L-P. Ma, L. Malm, G. Larsson, S. Morner, M. Fu, A. Engstrom-Laurent, A. Waldenstrom (Umea, Gothenburg - SE)
- Specific regulation of cardiac pathological hypertrophy by the sarcolemmal calcium pump4 (PMCA4). 1261
D. Oceandy, T. Mohamed, S. Prehar, M. Zi, F. Baudoin-Stanley, P.J. Stanley, E.J. Cartwright, L. Neyses (Manchester - GB)
- Biological actions of alpha-ketoglutarate and pseudouridine, novel metabolites in heart failure established from metabolomics analysis. 1262
D. Oceandy, T. Nikolaidou, M. Mamas, N. Othonos, L. Neyses (Manchester - GB)
- Involvement of cAMP- and Ca2+/calmodulin-dependent protein kinases in the positive inotropic, positive lusitropic and pro-arrhythmogenic effects of urocortin II in cardiac myocytes. 1263
S. Walther, S. Khan, F.R. Heinzel, L.-Z. Yang, J. Spiess, B. Pieske, J. Kockskaemper (Graz - AT, Gottingen - DE, Honolulu - US)
- Inhibitory properties of Sildenafil and Cilostamide on cGMP phosphodiesterases in failing cardiac tissue. 1264
S.H. Ata, L.R. Moltzau, J.M. Aaronsen, I. Sjaastad, T. Skomedal, J.B. Osnes, F.O. Levy, E. Ovigstad (Oslo - NO)
- Effects and mechanisms of a PPARbeta/delta specific ligand on hypertrophy of cardiac myocytes in normal and diabetic rats. 1265
E. Galatou, T. Kelly, A. Lazou (Thessaloniki - GR)
- Epac plays a critical role in beta-adrenergic receptor- induced myocyte hypertrophy through a CaMKII/Ras signaling pathway. 1266
M. Metrich (Chatenay-Malabry - FR)
- Regulation of Beta-Adrenergic cAMP Signals by PI3Kgamma in Cardiac Myocytes. 1267
A. Ghigo, J. Leroy, G. Vandecasteele, E. Hirsch, R. Fischmeister (Turin - IT, Chatenay Malabry - FR)
- Investigating the function of p38gamma and delta in response to cytokines and osmotic stresses in isolated murine heart. 1268
N. Sarafraz, M.S. Marber, J.E. Clark (London - GB)
- Differential regulation of cardiac contractility by specific phosphodiesterases. 1269
D. Mika, J. Leroy, P. Lechene, G. Vandecasteele, R. Fischmeister (Chatenay Malabry - FR)
- Is there differential phosphorylation of phospholamban vs phospholemman in response to beta-adrenergic stimulation? 1271
K.L. Aughton, W. Fuller, M.J. Shattock (London, Dundee - GB)
- Adrenoceptor agonists do not alter matrix metalloproteinase-9 (MMP-9) activity and promoter activity in murine fibroblasts (NIH3T3): Lack of involvement of NFkB. 1270
A. Rietz, H.M. Hennessy, A.D. Davies, Y.V. Volkov, J.P.S. Spiers (Dublin - IE)
- The expression of the sarcolemmal membrane protein (SLMAP) is regulated during cardiac remodeling and impacts the mapkinase cascade. 1272
M. Nader, B. Westendorp, M. Salih, F.H.H. Leenen, B.S. Tuana (Ottawa - CA)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION IV

Basic Science Poster Area
Level 2

Cellular biology & cellular electrophysiology.

- Inhibition of TGF-beta1 induced calcifying nodule formation by prostanoid receptor stimulation in porcine aortic valve interstitial cells. 1273
J.A. Kennedy, G.A. Murphy, K. Mishra, J.D. Horowitz (Adelaide - AU)
- Extended characterization of hypoinmunogenic mesenchymal stem cells isolated from the subendocardial layer of human hearts from chronic heart failure patients. 1274
G. La Rocca, R. Anzalone, A. Di Stefano, T. Loria, E. Eleuteri, F. Farina, P. Giannuzzi, G. Zummo (Palermo, Veruno - IT)
- Modulation of ITO (KV4.3) current kinetics by intra- and extracellular domains of the transmembrane b-subunits DPP6/10 and KCNE2. 1275
S. Radicke, D. Cotella, D. Sblattero, U. Ravens, E. Wettwer, C. Santoro (Novara - IT, Dresden - DE)
- Cytosolic sodium regulates mitochondrial formation of reactive oxygen species in cardiac myocytes. 1276
T. Zeller, A. Knopp, M. Kohlhaas, C. Maack (Hamburg - DE)
- Differential effects of chronic hypoxia on the sodium current in right and left ventricles. 1277
M. Rocchetti, S. Marangoni, G. Mostacciolo, A. Zaza (Milan - IT)
- Chamber-specific effects of chronic hypoxia on the late Na⁺ current and repolarization. 1278
M. Rocchetti, S. Marangoni, G. Mostacciolo, A. Zaza (Milan - IT)
- Apelin protects against oxidative stress and apoptosis in cardiomyocytes. 1279
O. Kunduzova, P. Valet, A. Parini (Toulouse - FR)
- Depression of the L-type calcium current amplitude in human atrial myocytes from patients with heart failure. 1280
C.E. Molina, A. Llach, J. Fernandes, J. Padro, J. Cinca, L. Hove-Madsen (Barcelona - ES)
- Cesium effects on the transmembrane action potential of the sinoatrial node in young and old mice. 1281
M. Gonotkov, V.A. Golovko (Syktyvkar - RU)
- JTV 519 decreases digitalis-induced arrhythmogenic diastolic Ca²⁺ leak in mouse cardiomyocytes. 1283
FR. Heinzl, M. Sacherer, S. Sedej, M. Vos, B. Pieske (Graz - AT, Maastricht - NL)

Gene and cell therapy.

- Isolation of c-kit positive cardiac progenitor cells from the human heart: Origin of cells and correlation with patient characteristics. 1284
A. Itzhaki-Alfia, J. Leor, E. Raanani, L. Sternik, D. Spiegelstein, R. Holbova, J. Lavee, I.M. Barbash (Tel Hashomer - IL)
- Hybrid therapy of alginate biomaterial injection and staged cardiomyocyte transplantation improves infarct healing and cardiac remodeling in rat. 1285
N. Landa, R. Holbova, O. Tsur-Gang, M.S. Feinberg, L. Miller, S. Tuvia, S. Cohen, J. Leor (Tel-Hashomer, Beer-Sheva, Jerusalem - IL)
- Differentiation of functional cardiomyocytes from induced pluripotent stem (iPS) cells. 1286
U. Martin, A. Haase, K. Schwanke, R. Olmer, I. Gruh, R. Zweigerdt, P. Fischer, T. Meyer (Hannover, Reutlingen - DE)

14:00 - 18:00

BASIC SCIENCE POSTER SESSION IV

Basic Science Poster Area
Level 2

- Macrophages are essential for infarct repair with and without stem cell therapy. 1287
T. Ben-Mordechai, R. Holbova, A. Zulloff-Shani, MS. Feinberg, Z. Silman, D. Danon, J. Leor (Tel-Hashomer, Magen David Adom - IL)
- Do cultured adipose tissue-derived stem cells differentiate into cardiomyocytes. 1288
S. Protze, C. Poulet, U. Ravens (Dresden - DE)
- Cardiomyogenic potential of skeletal muscle-derived stem cells. 1289
C. Poulet, T. Christ, E. Wettwer, U. Ravens (Dresden - DE)
- Expression of stromal cell-derived factor-1 is increased in left ventricular myocardium of patients and dogs with heart failure. 1290
S. Rastogi, M.S. Sabbah, H.N. Sabbah (Detroit - US)
- Role of PDK1 on the ischaemic protection in the cardiomyocytes exposed to hypoxia-reoxygenation injury. 1291
M.C. Cho, T.J. Shim, D.J. Choi, J.J. Kim, E.S. Jeon, K.H. Ryu (Cheongju, Seoul - KR)
- Adipose tissue derived stem cell-mediated erythropoietin gene therapy attenuates left ventricular remodeling in a rat model of myocardial infarction. 1292
M.C. Cho, R.K. Park, K.K. Hwang, D.J. Choi, J.J. Kim, E.S. Jeon, K.H. Ryu (Cheongju, Seoul - KR)
- Genetic modification of stem cells of myogenic origin - preclinical studies. 1293
M. Bialas, M. Fraczek, K. Kaminski, M. Kozuch, M. Kurpisz (Poznan, Bialystok - PL)
- Adrenomedullin enhance proliferation and angiogenetic potential of late outgrowth endothelial progenitor cells. 1294
S.E. Hermansen, T. Lund, K. Ytrehus, T. Myrmet (Tromso - NO)
- Both cardiac myocytes and fibroblasts drive cardiac progenitors differentiation in an ex vivo model of cell therapy. 1295
C. Rucker, E. Gouadon, V. Lambert, B. Brinon, P. Naud, S. Demolombe, M. Puceat, J.F. Renaud (Le Plessis Robinson, Evry, Nantes - FR)
- Electrophysiological characterization of Human Embryonic Stem cell-derived cardiac progenitors. 1296
E. Gouadon, C. Rucker-Martin, V. Lambert, B. Brinon, P. Naud, S. Demolombe, M. Puceat, J.F. Renaud (Le Plessis Robinson, Evry, Nantes - FR)
- Cardiomyocyte differentiation and proliferation of human-derived cardiomyocyte progenitor cells is regulated by microRNA-1 and 499. 1297
A. Van Mil, J.P.G. Sluijter, M.J. Goumans, P. Van Viet, T.H. Korfage, C.H.G. Metz, P.A. Doevendans, S.A.J. Chamuleau (Utrecht, Leiden - NL)
- Biochemical characterization and comparison of GNB3 D153Del mutation to the common human variant GNB3 825C>T revealed paradoxical effects in cardiac phosphorylation signaling study. 1298
H. Tummala, D. Wehner, N. Zhelev, P.M. Hocking, M. Ali, C.F. Inglehearn, D.H. Lester (Dundee, Abertay, Edinburgh, Leeds - GB)
- Increased Ca²⁺ signaling in human mesenchymal stem cells followed by CXCR-4 overexpression - implications for homing. 1299
O. Zimmermann, Z. Kaya, K. Vogt, B. Moepps, M.T. Rojewski, J. Torzewski, V. Hombach, J.M. Wiehe (Ulm, Heidelberg, Immenstadt - DE)

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TUESDAY

Tuesday 2 June 2009 - Morning

08:30 - 10:00

EDUCATIONAL - TRAINING

Apollon

Chronic heart failure - 3 case discussions

Chairpersons: B.M. Massie (San Francisco, US); K. Dickstein (Stavanger, NO)

- | | | |
|-------|---|------|
| 08:30 | Chronic heart failure with COPD. | 1333 |
| | Case presentation: K. Swedberg (Gothenburg - SE) | |
| | Discussant: A.P. Maggioni (Florence - IT) | 1334 |
| 09:00 | Chronic heart failure with hypotension. | 1335 |
| | Case presentation: P. Seferovic (Belgrade - RS) | |
| | Discussant: J.L. Lopez-Sendon (Madrid - ES) | 1336 |
| 09:30 | Chronic heart failure with new onset atrial fibrillation. | 1337 |
| | Case presentation: L. Kober (Gentofte - DK) | |
| | Discussant: L. Tavazzi (Cotignola - IT) | 1338 |

08:30 - 10:00

JOINT SESSION

Les Muses

The elderly heart failure patient with co-morbidity

A joint session with the Council on Cardiovascular Primary Care and the European Primary care Cardiovascular Society

Chairpersons: U.G. Dahlstrom (Linköping, SE); F.D.R. Hobbs (Birmingham, GB)

- | | | |
|-------|---|------|
| 08:30 | Detection of heart failure in primary care. | 1339 |
| | A.W. Hoes (Utrecht - NL) | |
| 08:52 | Adapting drug therapy in co-morbidity: Importance of a generalist's approach. | 1340 |
| | K. McDonald (Dublin - IE) | |
| 09:15 | Heart failure management programmes: Hospital or primary care based? | 1341 |
| | J-N. Trochu (Nantes - FR) | |
| 09:37 | End-of-life care for heart failure patients: At home or in hospital? | 1342 |
| | F.H. Rutten (Utrecht - NL) | |

08:30 - 10:00

HOW-TO SESSION

Athéna

How to manage patients with hypertrophic cardiomyopathy

Chairpersons: O. Dubourg (Boulogne-Billancourt, FR); A. Keren (Jerusalem, IL)

- | | | |
|-------|--|------|
| 08:30 | How to risk stratify? | 1343 |
| | P.M. Elliott (London - GB) | |
| 08:52 | How and when to perform genetic counselling? | 1344 |
| | P. Charron (Paris - FR) | |
| 09:15 | When to consider surgery. | 1345 |
| | M.H. Yacoub (Harefield - GB) | |
| 09:37 | When to consider septal ablation. | 1346 |
| | H. Seggewiss (Schweinfurt - DE) | |

08:30 - 10:00

TRANSLATIONAL

Calypso

Biomarkers in heart failure today and tomorrow

Supported by BG Medicine in the form of an unrestricted educational grant

Chairpersons: S.D. Anker (Berlin, DE); D.T. Kremastinos (Athens, GR)

- | | | | |
|-------|--|------|---|
| 08:30 | Setting the standards for heart failure diagnosis: BNP, NT-BNP and MR-proANP.
A. Maisel (San Diego - US) | 1347 |  |
| 08:52 | State of the art: prognostication.
P. Jourdain (Pontoise - FR) | 1348 | |
| 09:15 | New options to assess special populations in heart failure: ischaemia, inflammation, arrhythmias.
C. Mueller (Basel - CH) | 1349 | |
| 09:37 | New biomarkers.
E.A. Jankowska (Wroclaw - PL) | 1350 | |

08:30 - 10:00

BASIC SCIENCE

Méditerranée

Endothelial regulation of cardiac function

Chairpersons: B.J. McDermott (Belfast, GB); S. Chlopicki (Krakow, PL)

- | | | | |
|-------|---|------|---|
| 08:30 | Mechanisms of diastolic dysfunction. how important are endothelial factors?
W.J. Paulus (Amsterdam - NL) | 1351 |  |
| 08:52 | Role of endothelial neuregulin release in regulating heart function.
G.W.A. De Keulenaer (Wilrijk - BE) | 1352 | |
| 09:15 | Coronary microvascular dysfunction in dilated cardiomyopathy.
D. Neglia (Pisa - IT) | 1353 | |
| 09:37 | eNOS as a pharmacological target in MI remodelling.
J. Bauersachs (Wurzburg - DE) | 1354 | |

08:30 - 10:00

BASIC SCIENCE

Hermes

Redox control of intracellular signalling

Chairpersons: N.H. Bishopric (Miami, US); P. Ferdinandy (Szeged, HU)

- | | | |
|-------|---|------|
| 08:30 | Oxidoreductive stress in the heart.
I. Benjamin (Salt Lake City - US) | 1355 |
| 08:52 | Modulation of gene expression.
A. Clerk (London - GB) | 1356 |
| 09:15 | Signaling cascade of nitrosative stress.
J. Schrader (Dusseldorf - DE) | 1357 |
| 09:37 | NADPH oxidase and cardiomyocyte differentiation.
M. Jaconi (Geneva - CH) | 1358 |

08:30 - 10:00

BASIC SCIENCE

Neptune

Notch/Wnt signalling: lessons from developmental biology

Chairpersons: T. Brand (Wurzburg, DE); D.J. Henderson (Newcastle-Upon-Tyne, GB)

- | | | |
|-------|---|------|
| 08:30 | Non canonical Wnt pathway in cardiac development.
D.J. Henderson (Newcastle-Upon-Tyne - GB) | 1359 |
| 08:52 | Notch signalling in cardiac development.
J.L. Pompa Minguez (Madrid - ES) | 1360 |
| 09:15 | Signalling crosstalk between the epicardium and the myocardium.
J.M. Perez-Pomares (Malaga - ES) | 1361 |
| 09:37 | Notch ligand Delta-like 1 is essential for postnatal arteriogenesis.
F.P. Limbourg (Hannover - DE) | 1362 |

08:30 - 12:30

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

Basic Science

Chairpersons: To be announced

The following ten abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 10:00 - 11:00.

- | | |
|---|------|
| TNF- α increases protein content in rat neonatal cardiomyocytes via an mTOR independent pathway.
I. Plaisance, P. Shende, C. Morandi, M. Brink (Basel - CH) | 1363 |
| Peptide-based immunotherapy of beta1-receptor antibody-induced autoimmune cardiomyopathy: specific targeting of the B cell compartment.
V. Boivin, M. Merkl, V. Kocosi, N. Beyersdorf, M. Mueller, T. Kerkau, M.J. Lohse, R. Jahns (Wuerzburg - DE) | 1364 |
| Regulation of gene expression in cardiomyocytes by endothelin-1 (ET-1) via Rho signalling.
A. Marshall, T. Cullingford, P.H. Sugden, A. Clerk (London - GB) | 1365 |
| Decreased protein kinase A mediated contractile protein phosphorylation in a mouse model of dilated cardiomyopathy overexpressing the protein kinase C specific Galphaq signalling protein.
A. Toth, I.F. Edes, I. Edes, A. Balogh, M. Lomnicka, G. Csanyi, S. Chlopicki, Z. Papp (Debrecen - HU, Krakow - PL) | 1366 |
| Na ⁺ -dependent sarcoplasmic reticulum Ca ²⁺ overload elicits arrhythmogenic events in mouse ventricular myocytes with a human CPVT mutation- a protective role of JTV-519.
S. Sedej, J. Kockskamper, F.R. Heinzel, S. Walther, N. Dybkova, L.S. Maier, S.G. Priori, B.M. Pieske (Graz - AT, Gottingen - DE, Pavia - IT) | 1367 |
| Cell-to-cell coupling protein, connexin-43, is most likely involved in antifibrillating effects of atorvastatin and omega-3 fatty acids in structurally remodeled rat hearts.
B. Bacova, J. Radosinska, L. Kolenova, K. Dlugosova, M. Barancik, P. Weismann, L. Okruhlicova, N. Tribulova (Bratislava - SK) | 1368 |

Tuesday 2 June 2009 - Morning

08:30 - 12:30	MODERATED POSTER SESSION	Moderated Poster Area Level 2
	Cardiac migration of mesenchymal stem cells in inflammatory cardiomyopathy. C. Schmidt-Lucke, S. Van Linthout, F. Escher, D. Westermann, K. Savvatis, D. Lassner, H.P. Schultheiss, C. Tschöpe (Berlin - DE)	1369
	Adrenomedullin-epinephrine cotreatment: An inodilator treatment approach that increases cardiac output without causing hypotension. T.A. Stenberg, A.B. Kildal, E. Sanden, S.E. Hermansen, O.J. How, T. Myrnes (Tromsø - NO)	1370
	Chronic heart rate reduction by the If current inhibitor, ivabradine, improves left ventricular function and enhances the expression of FKBP12 after ischaemia-reperfusion in rabbits. R. Tissier, N. Couvreur, S. Pons, V. Chetboul, P. Bruneval, J.L. Pouchelon, B. Ghaleh, A. Berdeaux (Creteil, Maisons-Alfort, Paris - FR)	1371
	Changing the shape of mitochondria protects the HL-1 cardiac cell against simulated ischaemia-reperfusion injury. D.J. Hausenloy, S.B. Ong, S.M. Davidson, D.M. Yellon (London - GB)	1372

08:30 - 12:30	CLINICAL POSTER SESSION V	Page 149 to 162
08:30 - 12:30	BASIC SCIENCE POSTER SESSION V	Page 163 to 167

All abstract details are available for consultation in the specially designed Posters pages of this Programme (Page 149 to 167).

11:00 - 12:30

JOINT SESSION

Apollon

How to Assess

A joint session with the European Association of Echocardiography

Chairpersons: A. Cohen-Solal (Paris, FR); G.A. Derumeaux (Bron, FR)



11:00	LV volumes and contractility. A.G. Fraser (Cardiff - GB)	1598
11:22	Diastolic function. R. Sicari (Pisa - IT)	1599
11:45	Right ventricular function. J.U. Voigt (Leuven - BE)	1600
12:07	Tissue Doppler techniques. P. Colonna (Bari - IT)	1601

11:00 - 12:30

MAIN SESSION

Les Muses

How to perform remote monitoring

Chairpersons: F.M. Fruhwald (Graz, AT); To be announced

11:00	Home telemonitoring for heart failure - update 2009. J. Riley (London - GB)	1602
11:22	Remote monitoring of devices and arrhythmias. C. Leclercq (Rennes - FR)	1603
11:44	Remote monitoring of transthoracic impedance. M.R. Cowie (London - GB)	1604
12:08	Future directions. F. Braunschweig (Stockholm - SE)	1605



11:00 - 12:30

EDUCATIONAL - TRAINING - STATE OF THE ART SESSION

Athéna

Advanced heart failure

Chairpersons: P. Ponikowski (Wroclaw, PL); J.-N. Trochu (Nantes, FR)

11:00	Advanced chronic heart failure: management when medical treatment is failing. M. Metra (Brescia - IT)	1606
11:22	When sudden death may be an option. H.J. Dargie (Glasgow - GB)	1607
11:45	Beyond the guidelines: palliative care. T. Jaarsma (Groningen - NL)	1608
12:07	Beyond the guidelines: nutrition and anabolics. S.D. Anker (Berlin - DE)	1609

11:00 - 12:30

TRANSLATIONAL

Calypso

Heart failure with preserved ejection fraction

Chairpersons: W.J. Paulus (Amsterdam, NL); B.M. Pieske (Graz, AT)

- | | | |
|-------|--|------|
| 11:00 | Inflammation and HFPEF.
C. Tschoepe (Berlin - DE) | 1610 |
| 11:22 | Diabetes and HFPEF.
P. de Groote (Lille - FR) | 1611 |
| 11:45 | Hypertension and HFPEF: same disease?
B.M. Pieske (Graz - AT) | 1612 |
| 12:07 | Treatment strategies.
R.S. McKelvie (Hamilton - CA) | 1613 |



11:00 - 12:30

BASIC SCIENCE

Méditerranée

From ion movements to ventricular arrhythmias

Chairpersons: U. Ravens (Dresden, DE); S.E. Harding (London, GB)

- | | | |
|-------|---|------|
| 11:00 | The sarcoplasmic reticulum and arrhythmogenic calcium release.
D.A. Eisner (Manchester - GB) | 1614 |
| 11:22 | NaCa exchanger activity in heart failure.
O.M. Sejersted (Oslo - NO) | 1615 |
| 11:45 | Mechanoelectrical feedback.
J. Kockskaemper (Graz - AT) | 1616 |
| 12:07 | What we know and what we would like to know on CPVT.
S.G. Priori (Pavia - IT) | 1617 |

11:00 - 12:30

BASIC SCIENCE

Hermès

Ca²⁺ signalling: time and space matters

Chairpersons: G. Hasenfuss (Goettingen, DE); Z. Papp (Debrecen, HU)

- | | | |
|-------|--|------|
| 11:00 | Integration of calcium signalling by CamKII δ .
D.M. Bers (Maywood - US) | 1618 |
| 11:22 | CamKII δ and acute insults to the heart.
L.S. Maier (Goettingen - DE) | 1619 |
| 11:45 | CamKII mediates α_1 -adrenergic hypertrophy.
J. Backs (Heidelberg - DE) | 1620 |
| 12:07 | CamKII in context.
K.R. Sipido (Leuven - BE) | 1621 |

11:00 - 12:30

BASIC SCIENCE

Neptune

Mitochondria as therapeutic targets

Chairpersons: F. Di Lisa (Padua, IT); D. Garcia-Dorado Garcia (Barcelona, ES)

- | | | |
|-------|--|------|
| 11:00 | Mitochondrial calcium channels and the permeability transition pore as therapeutic targets.
E.J. Griffiths (Bristol - GB) | 1622 |
| 11:22 | Mitochondrial dynamics.
L. Scorrano (Geneva - CH) | 1623 |
| 11:45 | Connexin 43, Stat3 and cardioprotection.
K. Boengler (Essen - DE) | 1624 |
| 12:07 | Is GSK3 a target to modulate the MPTP?
D.J. Hausenloy (London - GB) | 1625 |

Posters Sessions

Poster session Clinical V - Morning

Coronary circulation.....	Page 149
Cytokines and inflammation.....	Page 149
Gene and cell therapy.....	Page 151
Haemodynamics and peripheral circulation.....	Page 152
Hormones / neurohumoral regulation.....	Page 153
Hypertension / LV hypertrophy.....	Page 154
Left ventricular function.....	Page 155
Metabolism / Ischaemia / Reperfusion / Preconditioning.....	Page 158
Molecular biology / genetics.....	Page 159
Pathophysiology.....	Page 160
Vascular biology, other.....	Page 161
Pulmonary hypertension.....	Page 161

Poster session Basic V - Morning

Haemodynamics and peripheral circulation.....	Page 163
Hormones / neurohumoral regulation.....	Page 163
Left ventricular function.....	Page 163
Metabolism / Ischaemia / Reperfusion / Preconditioning.....	Page 164
Pathophysiology.....	Page 165
Molecular biology / genetics.....	Page 166
Cytokines and inflammation.....	Page 166

08:30 - 12:30

MODERATED POSTER SESSION

Moderated Poster Area
Level 2

These abstracts were chosen for their outstanding quality and will be discussed during the Moderated Poster Session between 10:00 - 11:00. Details on pages 141 & 142.

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30. The presenter should be present throughout the coffee break (10:00 to 11:00) in order to discuss the poster.

Coronary circulation.

- Does intracoronary infusion of metabolic cytoprotectors immediately after blood flow restoration in the infarct-related artery influence the limitation of myocardial injury in AMI? 1373
D. Iosseliani, A. Koledinsky, D. Gromov, I. Topchian, O. Sukhorukov (Moscow - RU)
- Prognostic significance of heart failure development after successful primary percutaneous coronary intervention. 1374
L. Savic, I. Mrdovic, M. Radovanovic, N. Radovanovic, J. Perunicic, Z. Vasiljevic, M. Matic, M. Ostojic (Belgrade - RS)
- Influence of coronary revascularisation on outcomes in patients with heart failure with preserved ejection fraction: One year data. 1375
Y. Yegorova, O.V. Kuryata (Dnepropetrovsk - UA)
- Application of bone marrow mononuclear cells in patients with non-acute coronary artery disease and severe heart failure (3 year follow-up). 1376
V. Sedov, A. Nemkov, B. Afanasiev, S. Belyi, D. Ryzkova, S. Burnos, N. Petrov, V. Lukashenko (St-Petersburg - RU)
- The metabolic syndrome parameters and heart failure severity in patients with acute coronary syndrome. 1377
L. Agoston Coldea, T. Mocan, J.F. Lefort, S. Perna (Cluj-Napoca - RO, Meaux - FR)

Cytokines and inflammation.

- Circulating adiponectin level as an independent predictor of hospital admission within 2 years in CHF patients and the effect of exercise training. 1378
A.M. Van Berendoncks, P. Beckers, V.Y. Hoymans, N. Possemiers, S. Coenen, C.J. Vrints, V.M. Conraads (Antwerp - BE)
- In heart failure, interleukin-10 urinary levels are elevated in patients with higher functional class. 1379
M. Rivera Otero, R. Cortes, P. Morillas, V. Miro, P. Orosa, T. Lozano, F. Soria, M. Portoles (Valencia, Alicante, Gandia, Villajoyosa, Murcia - ES)
- The effect of N- acetylsistein (NAC) treatment on the cytokines in acute myocardial infarction. 1380
K. Iltumur, Z. Karahan, S. Gulsum, N. Toprak (Diyarbakir - TR)

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

- Serum levels of TRAIL, OPG and RANKL in patients with acute and chronic heart failure. 1381
L. Vida Simiti, A. Cristea, A. Simiti (Cluj-Napoca - RO)
- C-Reactive protein according to heart failure stages: Gender specificities. 1382
P. Lourenco, F. Frioies, J.P. Araujo, P. Bettencourt, A. Azevedo (Porto - PT)
- The clinical presentation and outcome of acute myocarditis: Are women with myocarditis sicker? 1383
D. Admon, I. Gotsman, D. Zwas, M. Potekhin, A. Pollak, C. Lotan, A. Keren (Jerusalem - IL)
- Comparative value of inflammatory markers in the prediction of left ventricular systolic dysfunction in post acute coronary syndrome patients. 1384
P. Aggelopoulos, C. Chrysohoou, C. Pitsavos, G.C. Metallinos, C. Liontou, D. Panagiotakos, E. Tsiamis, C. Stefanadis (Athens - GR)
- Six-minute corridor walking performance correlates with sub-clinical inflammation in patients with newly-diagnosed systolic heart failure. 1385
G.C. Metallinos, C. Chrysohoou, C. Pitsavos, S. Athanasopoulou, I. Kotrogiannis, J. Darladimas, N. Trikalinos, C. Stefanadis (Athens - GR)
- Markers of inflammation under combined therapy with statin in hypertensives with heart failure. 1386
O.V. Neiko, M.A. Orynychak, V.M. Neko, O.S. Chovganyuk, N.R. Artemenko, I.O. Gaman (Ivano-Frankivsk - UA)
- The role of plasma interleukin-6 levels on mortality in non-obese patients with newly diagnosed heart failure, during 12 months of follow-up. 1387
C. Chrysohoou, I. Kotrogiannis, C. Pitsavos, S. Athanasopoulou, K. Vassiliadou, G.C. Metallinos, N. Trikalinos, C. Stefanadis (Athens - GR)
- Statins in Heart Failure: Does Baseline Inflammation Influence Impact On Collagen Turnover and B-type Natriuretic Peptide? 1388
E. Abulhul, K. McDonald, R. Martos, D. Phelan, P. Collier, J. Baugh, C. Watson, M. Ledwidge (Dublin - IE)
- Dental state (missing teeth) may influence cardiac failure in cardiovascular disease, exacerbating inflammatory syndrome. A study on Romanian subjects. 1389
I.A. Gutiu, L.I. Gutiu, A.-M. Georgescu (Bucharest - RO)
- Tumor necrosis factor - α as a Prognostic Marker of advanced heart failure and atrial fibrillation outcome. 1390
S. Grigoryan, K.G. Adamyan, L.G. Hazarapetyan (Yerevan - AM)
- Immune and neurohormonal activation in patients with repaired coarctation of aorta. 1391
A.C. Moutafi, T. Alissafi, C. Delos, G. Xanthou, V. Thanopoulos, M. Gatzoulis, C.H. Davos (Athens - GR, London - GB)
- Inflammatory markers are elevated in Eisenmenger syndrome. 1392
S. Ramakrishnan, A. Pendharkar, R. Lakshmy, S. Seth, B. Bhargava, S.S. Kothari, A. Saxena, V.K. Bahl (New Delhi - IN)
- Evaluation of Serum Adiponectin Levels in the Patients with Heart Failure. 1393
D. Dursunoglu, M. Ozturk, H. Goksoy, S. Rota, S. Gur (Denizli - TR)

- Immune deregulation associates with paroxysmal and not with permanent atrial fibrillation.** 1394
A.G. Rigopoulos, A.S. Kalogeropoulos, V. Salpeas, E.A. Sakadakis, A. Triantafyllis, E. Faviou, I. Rizos, D.T. Kremastinos (Athens - GR)
- TNF alpha, TNF alpha soluble receptors and hemodynamic parameters in dilated cardiomyopathy patients treated with statins.** 1395
C.A. Wojciechowska, W. Jachec, B. Skrzep-Poloczek, E. Romuk, A.R. Tomasik, D. Kawecki, E. Nowalany - Kozielska (Zabrze - PL)
- The relationship between inflammation markers and advanced heart failure.** 1396
S. Grigoryan, K.G. Adamyan, L.G. Hazarapetyan (Yerevan - AM)
- Left ventricular remodeling is related to oxidative stress in patients after first myocardial infarction.** 1397
M. Dekleva, J.S. Suzic, A.G. Grdinic, M.K. Kleut, N.K. Kostic, A.S. Sljivic (Belgrade - RS)
- Increasing levels of sIL-2R, IL-8, NT-proBNP in patients with dilated cardiomyopathy.** 1398
S. Tatenkulova, E. Belyavskiy, M. Tripoten, K. Zykov, T. Balahonova, V. Masenko, V. Mareev, Y.U. Belenkov (Moscow - RU)
- Effects of statin therapy on levels of NT-proBNP, IL-8, IL-10 in patients with coronary heart disease and chronic heart failure.** 1399
S. Tatenkulova, E. Belyavskiy, M. Tripoten, T. Balahonova, K. Zykov, V. Masenko, V. Mareev, Y.U. Belenkov (Moscow - RU)
- Gene and cell therapy.**
- A randomised trial of Autologous Bone Marrow Cells in Dilated Cardiomyopathy (ABCD).** 1400
S. Seth, B. Bhargava, R. Narang, S. Mohanty, R. Ray, G. Gulati, B. Airan, P. Venugopal (New Delhi - IN)
- Efficiency of intramyocardial injections of autologous bone marrow mononuclear stem cells in patients with ischaemic heart failure: long-term results.** 1401
A. Romanov, E. Pokuschalov, A. Cherniavsky, P. Larionov, S. Artemenko, I. Terehov, E. Kliver, A. Karaskov (Novosibirsk - RU)
- Post-transplant outcome of dilated cardiomyopathy caused by dystrophin gene defects.** 1402
A. Serio, M. Pasotti, F.I. Gambarin, M. Diegoli, M. Grasso, N. Marziliano, C. Campana, E. Arbustini (Pavia - IT)
- Which type of stem cells to choose for endocardial injections in ischaemic heart failure patients: Bone marrow or peripheral blood?** 1403
A. Romanov, E. Pokuschalov, A. Cherniavsky, O. Poveschenko, P. Larionov, I. Terehov, A. Karaskov (Novosibirsk - RU)
- Randomized controlled trial on the cardio protective effect of bone marrow cells in patients undergoing coronary artery bypass graft surgery.** 1404
K.L. Ang, V.K. Lai, W.E. Rathbone, N.J. Harvey, M. Galinanes (Leicester - GB)
- The effect of intracoronary infusion of mobilized peripheral blood stem cells on left ventricular function and structure after myocardial infarction.** 1405
J. Kanakakis, C. Papadimitriou, C.H. Pantsios, S. Tomanidis, E. Tseliou, E. Tsagalou, B. Kapsimali, J. Nanas (Athens - GR)

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

- Assessment of the impact of intracoronary infusion of bone marrow mononuclear cells (BMMCs) on clinical status and exercise capacity of patient with moderate CHF. 1406
S.S. Bazhan, A.V. Sychev, V.I.U. Mareev, A.N. Samko, Y.A. Romanov, A.N. Sokolov, I.U.N. Belenkov (Moscow - RU)
- Improvement of left ventricular function following intracoronary injection of stem cells after acute myocardial infarction, a computerised 3D echocardiography-based study. 1407
T. Benedek, M. Chitu, C. Matei, I. Kovacs, S.Z. Madaras, I. Benedek, A. Sarbu, I.S. Benedek (Targu Mures - RO)
- A systematic review of RCT on therapeutic effects of adult progenitor cells for myocardial infarction. 1408
M.E.N.G. Jiang, B.E.N. He, Q.I. Zhang (Shanghai - CN)
- Haemodynamics & peripheral circulation.**
- Non-invasive measurement of the haemodynamic effects of oxygen in patients with left ventricular systolic dysfunction. 1409
J.H. Park, S. Balmain, C. Berry, J.J. Morton, J.J.V. McMurray (Glasgow - GB)
- Chronic effects of hydrotherapy added to endurance training on exercise tolerance and hemodynamic profile of elderly patients with chronic heart failure: a pilot study. 1411
G. Caminiti, M. Volterrani, G. Marazzi, A. Cerrito, R. Massaro, M.P. Madonna, A. Arisi, G. Rosano (Rome - IT)
- Clinical and prognostic role of structural changes of large artery and the state of peripheral blood flow in hypertensive patients with chronic heart failure. 1412
I. Shkurat (Kyiv - UA)
- Intrarenal arterial flow in congetive heart failure. Dopplerographic study. 1413
M. Tsverava, D. Tsverava (Tbilisi - GE)
- Noninvasive evaluation of arterial elasticity in patients with postinfarction chronic heart failure under the neurohormonal medication. 1414
E.B. Vataman, D.M. Lisii, N.V. Ciobanu (Chisinau - MD)
- Thoracic fluid content assessed by impedance cardiography could be used to estimate right atrial pressure in heart failure patients. 1415
A. Dellaportas, I. Mourouzis, G. Anastasiadis, K. Grammatikopoulos, P. Vogiatzi, V. Votteas (Athens - GR)
- Echocardiogram assessment of pulmonary hypertension-how accurate is it? 1416
O. Amir, Y. Adir, N. Salman, R. Wolff, D. Merhavi, H. Paz, B.S. Lewis (Haifa - IL)
- The syndrome of «Mildly elevated left heart pressures with disproportional high pulmonary hypertension». 1417
O. Amir, R. Wolff, N. Salman, H. Paz, D. Merhavi, B.S. Lewis, Y. Adir (Haifa - IL)
- Differences in arterial stiffness between patients with heart failure of ischaemic and non-ischaemic aetiology. 1418
Y. Osmolovskaya, N. Kechedjjeva, A. Glechan, A. Skvortsov, V. Mareev (Moscow - RU)
- Bioelectrical impedance indexes and central vanous pressure associated to abnormal distribution of volume overloud in critical illness patients. 1419
E. Colin, L. Espitia, A. Orea, L. Castillo, J.J. Orozco, O. Vazquez, R. Silva (Mexico City - MX)

Hormones / Neurohumoral regulation.

- Outcome is not a monotonic function of endothelin and adrenomedullin in heart failure. 1420
S. Neuhold, M. Huelsmann, G. Strunk, J. Struck, C. Adlbrecht, M. Elhenicky, R. Pacher
(Vienna - AT, Hennigsdorf - DE)
- Testosterone and insulin-like growth factor type 1 deficiencies as risk factors for anaemia 1421
in men with chronic heart failure.
E.A. Jankowska, P. Rozentryt, B. Ponikowska, J. Nowak, L. Borodulin-Nadziejka, L. Polonski,
W. Banasiak, P. Ponikowski (Wroclaw, Zabrze - PL)
- The impact of adipokines on left ventricular function in patients with coronary artery 1422
disease and severe heart failure.
C. Antoniadou, D. Tousoulis, A. Antonopoulos, C. Bakogiannis, A. Miliou, K. Marinou,
M. Demosthenous, C. Stefanadis (Athens - GR)
- Neurohumoral risk stratification in critically ill cardiologic patients: comparison between 1423
copeptin, MR-pro-adrenomedullin, MR-proANP and NT-proBNP.
B. Meyer, P. Wexberg, J. Struck, A. Bergmann, N.G. Morgenthaler, G. Heinz, R. Pacher,
M. Huelsmann (Vienna - AT, Hennigsdorf - DE)
- Neurohumoral activation, diastolic function and exercise performance in patients with 1424
diastolic dysfunction and diastolic heart failure.
F. Edelmann, A. Duvinage, G. Gelbrich, H.-D. Duengen, J. Kunde, N.G. Morgenthaler,
B. Pieske, R. Wachter (Goettingen, Leipzig, Berlin, Hennigsdorf - DE, Graz - AT)
- Diabetes Mellitus Increases The Likelihood Of Hypogonadism In Patients With Heart Failure. 1425
V. Markussis, S. Mavrogeni, E. Demerouti, E. Papadopoulou, G. Kolovou, D. Degiannis,
A. Chaidaroglou, D.V. Cokkinos (Athens - GR)
- Excessive sympathetic activation in heart failure with chronic renal failure: Role of 1426
chemoreflex activation.
F. Despas, N.D. Detis, N.F. Franchitto, M.G. Galinier, J.M.S. Senard, A.P. Pathak (Toulouse - FR)
- Measurements of emerging neurohormones in chronic heart failure. 1427
S. Neuhold, M. Huelsmann, G. Strunk, J. Struck, C. Adlbrecht, M. Elhenicky,
R. Pacher (Vienna - AT, Hennigsdorf - DE)
- IGF-1 concentration during acute phase of myocardial infarction influences VO2peak 1428
during follow-up.
K. Stopyra, A.Z. Pietrucha, W. Piwowarska, K. Sztefko, R. Pach, M. Adamiec (Krakow - PL)
- «Low T3 syndrom» in patients suffering with heart failure. 1429
K.E. Karapatsoudi Eleni, K.K. Karali Konstantina, G.C. Goliass Christos, M.C. Mellidis Christos,
I.A. Ionnidis Antonios, M.C. Makridis Charalampos, O.K. Oikonomou Kostas,
M.P. Makridis Pantelis (Edessa - GR)
- Influence of IGF-1, IGFBP-3 and NTproBNP concentration in acute phase of myocardial 1430
infarction on heart function during three months of follow-up.
K. Stopyra, A.Z. Pietrucha, W. Piwowarska, K. Sztefko, R. Pach, M. Adamiec (Krakow - PL)

Hypertension / LV hypertrophy.

- The role of nitric oxide metabolites and activity of adrenoreceptors in pathogenesis of endothelial dysfunction in hypertensive patients. 1431
A. Tytova, O. Liepieieva (Kharkiv - UA)
- Interrelation patterns of matrix metalloproteinases and their tissue inhibitor in patients with hypertension and atrial fibrillation. 1432
A.S. Kalogeropoulos, A.G. Rigopoulos, V. Salpeas, E.A. Sakadakis, L. Rallidis, E. Voltyrakis, I. Rizos, D.T. Kremastinos (Athens - GR)
- Progression of diastolic asynchrony in hypertensive patients with left ventricular diastolic dysfunction and normal QRS duration during two years follow up. 1433
A. Stevanovic, M. Dekleva, L.J. Sevic, A. Simic, B. Pencic (Belgrade - RS)
- Plasma IL-6 and IL-1ra and left ventricular mass in essential hypertension. 1434
M. Rivera Otero, E. Rosello-Lleti, L. Grigorian, F. Soria, F. Garcia De Burgos, C. Lauwers, M. Portoles, V. Bertomeu (Valencia, Santiago, Murcia, Elche, Gandia, Alicante - ES)
- Chronic heart failure and level of kidney dysfunction in patients with arterial hypertension: Results of epidemiological research in Moscow. 1435
L.G. Oganezova, G.P. Arutyunov (Moscow - RU)
- Endothelin-1 and N-terminal pro-brain natriuretic peptide plasma levels in ageing patients with essential hypertension and increased risk of coronary heart disease. 1436
M. Rivera Otero, E. Rosello-Lleti, P. Morillas, J.R. Gonzalez Juanatey, P. Orosa, T. Lozano, M. Portoles, V. Bertomeu (Valencia, Alicante, Santiago, Gandia, Villajoyosa - ES)
- Efficacy of treatment with angiotensin-converting enzyme inhibitor and angiotensin II receptor antagonist in patients with isolated systolic hypertension and asymptomatic systolic dysfunction. 1437
S. Vatinian, S. Gurgenyanyan, K. Nikoghosyan (Yerevan - AM)
- Efficacy of treatment with bisoprolol fumarate in hypertensive patients with coronary artery disease (CAD) and type 2 diabetes. 1438
K. Nikoghosyan, S. Gurgenyanyan, S. Vatinian (Yerevan - AM)
- Orthostatic hypertension: implications of treatment for patients with chronic heart failure. 1439
C. Mihailescu, G. Mihailescu (Bucharest - RO)
- Echocardiographic analysis of left ventricular hypertrophy in children and adolescents with essential hypertension. 1440
A. Jurko, A. Jurko Jr (Martin - SK)
- Is the Left Ventricular Hypertrophy a common echocardiographic abnormality in AMI patients who are at high risk for OSA? 1441
F.M. Szymanski, K.J. Filipiak, M. Grabowski, A. Cacko, J. Kochanowski, A. Hryniewicz, G. Karpinski, G. Opolski (Warsaw - PL)
- Correlations between risk factors in heart failure patients with preserved systolic function. 1442
E. Belu, R. Musetescu, A.E. Musetescu, S. Gusti, D.-D. Ionescu (Craiova - RO)

Left ventricular function.

- «Grey Zone» of 40-50% ejection fraction in ambulatory patient with Heart Failure. 1443
Who are these patients? Lessons from the DEVENIR study.
A. Cohen-Solal, P. Assyag, P. Clerson, M. Guenoun, I. Leurs, P. Poncelet, J.F. Thebaut, C. Contre (Paris, Roubaix, Plan De Cuques, Rungis, Sarcelles - FR)
- Temporal trends in prescription rates of recommended treatments in chronic heart failure outpatients: a comparison of three French surveys IMPACT RECO I, II & III. 1444
P. Assyag, P. De Groote, M. Galinier, G. Jondeau, N. Demil, R. Isnard, J.F. Thebaut, M. Komajda (Paris, Lille, Toulouse, Rueil Malmaison, Sarcelles - FR)
- Predictors for unfavourable evolution in unoperated patients with ischaemic dilated cardiomyopathy. 1445
L. Iliuta, D. Filipescu, H. Moldovan, B. Radulescu (Bucharest - RO)
- Prediction of the left ventricular end-diastolic pressure-volume relationship in heart failure patients using single-beat analysis. 1446
E.A. Ten Brinke, D. Burkhoff, R.J.M. Klautz, C. Tschope, M.J. Schalij, J.J. Bax, E.E. Van Der Wall, P. Steendijk (Leiden - NL, New York - US, Berlin - DE)
- Prevalence and prognostic significance of left ventricular reverse remodelling in idiopathic dilated cardiomyopathy on optimal medical treatment. 1447
M. Merlo, S. Pyxaras, G. Barbati, B. Pinamonti, G. Secoli, M. Giacca, A. Di Lenarda, G. Sinagra (Trieste - IT)
- A novel correlation of gamma-glutamyltransferase with elevated left ventricular filling pressure in coronary artery disease patients with preserved left ventricular systolic function. 1448
S.M. Kang, J. Oh, N.-K. Hong, H.Y. Won, Y. Jang, N. Chung (Seoul - KR)
- Renal dysfunction and use of angiotensin-converting enzyme inhibitors and angiotensin receptor blockers in chronic heart failure. 1449
M. Galinier, N. Demil, P. Assyag, P. De Groote, R. Isnard, G. Jondeau, J.F. Thebaut, M. Komajda (Toulouse, Rueil Malmaison, Paris, Lille, Sarcelles - FR)
- Combined left ventricular ejection fraction and admission hyperglycaemia: a new powerful outcome predictor in acute coronary syndromes. 1450
S. Monteiro, N. Antonio, R. Teixeira, C. Lourenco, R. Batista, E. Jorge, P. Monteiro, L. Providencia (Coimbra - PT)
- Adenosine deaminase activity, a prognostic marker for heart failure patients with preserved left ventricular ejection fraction. 1451
E. Moldoveanu, M. Serban, D.S. Marta, I. Serban, G. Manea, R. Huica, N. Radulescu, C. Bara (Bucharest - RO)
- Chronic obstructive pulmonary disease: the new deal for b-blocker prescription in chronic heart failure. 1452
M. Galinier, N. Demil, P. Assyag, P. De Groote, R. Isnard, G. Jondeau, J.F. Thebaut, M. Komajda (Toulouse, Rueil Malmaison, Paris, Lille, Sarcelles - FR)

- Noninvasive estimation of left ventricular filling pressure in patients with heart failure independent of systolic function: added value of a novel Doppler echocardiographic flow-chart approach. 1453
F.L. Dini, P. Ballo, L. Badano, P. Barbier, M. Galderisi, S. Ghio, A. Rossi, P.L. Temporelli (Pisa, La Spezia, Udine, Milan, Napoli, Pavia, Verona, Veruno - IT)
- Left Atrial Appendage function in patients with mitral regurgitation using tissue Doppler imaging. The impact of underlying etiology. 1454
H. Badran, M. Elnamany, S. Shalaby, H. Hassen, M. Mansour (Shebin - EG)
- Which beta-blocker restores asynchrony better? A randomised trial of carvedilol and metoprolol in patients with heart failure. 1455
M.G. Kaya (Kayseri, TR)
- Correlations between systolic and diastolic function in a group of subjects with variable degrees of left ventricular diastolic and systolic dysfunction. 1456
R. Faludi, L. Toth, A. Varga-Szemes, E. Fodi, T. Simor (Pecs, Kaposvar - HU)
- Lipoprotein associated phospholipase A2 activity in heart failure patients with preserved left ventricular fraction. 1457
E. Moldoveanu, D.S. Marta, M. Serban, I. Serban, G. Manea, G. Dinca (Bucharest - RO)
- Long-term adherence to the traditional Mediterranean diet is associated with improved biventricular systolic function, in chronic heart failure patients. 1458
C. Chrysoshoou, C. Pitsavos, G.C. Metallinos, D. Panagiotakos, C. Kastorini, J. Darladimas, P. Pietri, C. Stefanadis (Athens - GR)
- Reliability of isoprostanes as marker of symptomatic CHF. 1459
S. Radovanovic, D. Simic, M. Krotin, M. Zdravkovic, J. Saric, S. Djordjevic, A. Djokovic, T. Simic (Belgrade - RS)
- Left-ventricular ejection fraction in acute coronary syndromes: new evidences from a classical predictor. 1460
R. Baptista, R. Teixeira, S. Monteiro, E. Jorge, P. Monteiro, M. Freitas, L.A. Providencia (Coimbra - PT)
- Computerized 3D echocardiographic assessment of the impact of pericardial inflammatory diseases on the left ventricular function and intracavitary haemodynamics. 1461
I.S. Benedek, C. Matei, M. Chitu, I. Kovacs, A. Sarbu, M. Kurtinecz, Z.S. Szoke, T. Benedek (Targu Mures - RO)
- Omega 3 supplementation improves left ventricular diastolic function in patients with chronic ischaemic heart failure. 1462
G.C. Metallinos, C. Chrysoshoou, C. Pitsavos, P. Aggelopoulos, C. Kastorini, K. Masoura, S. Brilli, C. Stefanadis (Athens - GR)
- Relationship between RR interval and early diastolic mitral annulus velocity in atrial fibrillation patients without significant valvular diseases. 1463
C.J. Kim, H.S. Ko, M.A. Kim, W.S. Ryu (Seoul - KR)
- Diastolic asynchrony is more important in patients with dilated cardiomyopathy and coronary artery disease than in patients without structural heart disease but with diastolic heart failure. 1464
D.C. Cozma, L. Petrescu, C. Mornos, D. Lighezan, M. Morar, R. Dan, S.I. Dragulescu (Timisoara - RO)

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

- Relationship between 6 minute walk test performance and left ventricular function. 1465
G. Bajraktari, S. Elezi, V. Berisha, N. Rexhepaj, P. Lindqvist, M. Henein (Prishtina - UN, Umea - SE)
- Severe left ventricular dysfunction early after liver transplantation. 1466
E. Donal, F. Schnell, R. Lohro, S. Lavoue, P.H. Compagnon, P.H. Mabo, K. Boudjema, C. Camus (Rennes - FR)
- Left ventricular diastolic function and acute coronary syndromes, the missing piece of the puzzle? 1467
R. Teixeira, C. Lourenco, R. Baptista, E. Jorge, N. Antonio, F. Saraiva, P. Monteiro, L. Providencia (Coimbra - PT)
- Short in-hospital course of external counterpulsation in treatment of hospitalized NYHA II-III patients with systolic and diastolic heart failure. 1468
E.V. Zvonova, A.G. Arutyunov (Moscow - RU)
- Left ventricular function in children with systemic hypertension evaluated with pulsed Doppler echocardiography. 1469
A. Jurko, A. Jurko Jr (Martin - SK)
- Left Ventricular diastolic function does not change immediately after mitral or aortic valve operation. 1470
M.-S. Shin, W.-J. Chung, S.H. Han, C.I. Moon, I.S. Choi, E.K. Shin (Incheon - KR)
- Can we prevent the progression of chronic heart failure in the elderly with diastolic dysfunction? 1471
S. Bozinovic, A. Grdinic, I. Markovic, O. Bogosavljevic, D. Stamenkovic, M. Stojadinovic, B. Mitic (Belgrade - RS)
- Poor quality of life reflects impaired diastolic function in chronic heart failure patients. 1472
C. Chrysoschoou, G. Metallinos, C. Pitsavos, C. Kastorini, S. Athanassopoulou, A. Aggelis, S. Brili, C. Stefanadis (Athens - GR)
- Total and visceral obesity and systolic and diastolic (dys)function after myocardial infarction. 1473
R. Fontes Carvalho, D. Caeiro, R. Lima, G. Silva, F. Sampaio, M. Teixeira, A. Albuquerque, V. Gama Ribeiro (Porto - PT)
- Prevalence and prognosis of late left ventricular systolic dysfunction (LVSD) after myocardial infarction (MI). 1474
A. Torabi, J.G.F. Cleland, A. Rigby, A.T. Abdellah, J. Zhang, O. Khaleva, R. Nicholls, A.L. Clark (Hull - GB)
- The effect of intravenous administration of positive inotropic agents on the diastolic function of the left ventricle. 1475
G. Panagiotopoulos, J. Terrovitis, S. Drakos, A. Ntalianis, D. Diakos, I. Pozios, E. Tseliou, J. Nanas (Athens - GR)
- Utility of BIA to maintain the dry clinical profile and improve outcome in ambulatory advanced heart failure despite previous II-HV NYHA class. 1476
D. Torres, G. Parrinello, S. Paterna, P. Di Pasquale, C. Trapanese, A. Torres, G. Licata (Palermo - IT)
- Left ventricular systolic dysfunction is related to markers of coagulation in acute coronary syndromes. 1477
I. Burazor, A. Vojdani, M. Burazor (Nis - RS, Los Angeles - US)

Relation between left atrial volume index and echocardiographic measurements of diastolic dysfunction in first week after acute myocardial infarction. 1478

R. Musetescu, D. Toader, D.D. Ionescu (Craiova - RO)

Myocardial stiffness alterations in water polo athletes assessed by tissue Doppler. 1479

D. Popovic, I. Nedeljkovic, M. Petrovic, V. Stojanov, A. Kocijancic, B. Vujisic-Tesic, S. Damjanovic, M. Ostojic (Belgrade - RS)

Acute effects of acupuncture on hemodynamics variables in outpatients with compensated chronic heart failure. 1480

S. Chermont, S.C. Chacon, L.A. Aragao, D.B. Bastos, M.M.P. Quintao, S.S. Soares, E.T.M. Tinoco Mesquita (Teresopolis, Niteroi, Rio De Janeiro - BR)

Development of left ventricular systolic function of premature infant. By use of new echocardiographic tissue Doppler imaging of strain and strain rate. 1481

Y. Kikuchi (Tochigi - JP)

Is Heart Failure with Preserved Systolic Function worst than Heart failure with Systolic Dysfunction? 1482

P. Amador, S. Goncalves, L. Mendes, J.F. Santos, L. Bernardino, L. Santos (Setubal - PT)

Does normal ejection fraction heart failure carry a better prognosis compared to heart failure with impaired left ventricular systolic function? 1483

K.R. Bhamidipati, H. Seetha Rammohan, P. Raju, G.K. Rao, K.W. Clarke (Bournemouth, Liverpool - GB)

Left ventricle myocardial perfomal index in healthy and heart failure patients during metaboreflex activation. 1484

R. Montisci, M. Ruscazio, A. Marocco, C. Follese, R. Solinas, L. Meloni (Cagliari - IT)

NCAM (CD56) and CD31 in elderly patients with hypertension and heart failure with low and preserved ejection fraction. 1485

O.V. Soya, O.V. Kuryata, V.S. Nedzvedskiy (Dnipropetrovsk - UA)

Incidence of Left Ventricular Diastolic Dysfunction (LVDD) in asymptomatic, normotensive, ETT negative, newly detected type-2 diabetic patients. 1486

PK. Karmakar, S. Haque, A. Siddique, C.M. Ahmed, G.K. Saha, F. Rahman, M. Ali (Dhaka, Comilla - BD)

Left ventricular systolic dysfunction among patients experiencing acute myocardial infarction. 1487

D. Kocinaj, E. Sefedini, M. Gashi, B. Berisha, X.H. Krasniqi, V. Hashani (Prishtina - UN)

Metabolism / Ischaemia / Reperfusion / Preconditioning.

Clinical correlates of detectable troponin T in ambulatory heart failure patients: Data from the HF-ACTION study. 1488

M. Felker, F. Zannad, K.F. Adams, M. Gheorghiade, I.L. Pina, G.A. Ewald, D.J. Whellan, C.M. O'connor (Nancy - FR, Durham, Chapel Hill, Chicago, Cleveland, St Louis, Philadelphia - US)

Abnormalities of iron metabolism in patients with chronic heart failure. 1489

A. Panferov, D. Napalkov, V. Sulimov, A. Levina, Y. Manukova (Moscow - RU)

- Statins are more effective for treatment of chronic heart failure patients with than without diabetic status. 1490
M. Fukunami, T. Yamada, T. Morita, S. Sanada, Y. Okuyama (Osaka - JP)
- Ivabradin effect on myocardial perfusion and clinical evidences stable angina in patients with chronic obstructive pulmonary disease. 1491
A. Garganeeva, S. Bagreeva, S. Minin (Tomsk - RU)
- Lack of benefits of endurance training in patients with chronic heart failure: role of asymptomatic peripheral artery disease. 1492
G. Caminiti, M. Volterrani, G. Marazzi, A. Cerrito, L. Gatta, R. Massaro, M.E. Lippi, G. Rosano (Rome - IT)
- Primary angioplasty: The impact of triple antiplatelet therapy. 1493
J. Delgado Silva, L. Seca, R. Providencia, P. Mota, J. Pais, A. Leitao-Marques (Coimbra - PT)
- The prognostic value of blood glucose level on admission in nondiabetic patients with acute myocardial infarction with or without heart failure. 1494
V. Chioncel, D. Mincu, M. Anastasiu, C. Sinescu (Bucharest - RO)
- Aortic distensibility are not associated with plasma levels of MMP-2, MMP-9 and TIMP-1 in patients with type-2 diabetes mellitus. 1495
I. Moyssakis, A. Papazafiropoulou, N. Tentolouris, A. Kokkinos, N. Lionakis, I. Vlahodimitris, V. Votzas (Athens - GR)
- The endothelial aspects in heart failure associated with metabolic syndrome. 1496
M. Anton, S. Avram, C. Bleotu, C. Usurelu, M. Muraru, I. Bruckner (Bucharest - RO)
- Patients with severe heart failure who was treated with coronary bypass grafting and intraoperative high-energy phosphate infusion. 1497
N. Maroz-Vadalazhskaya, V. Kardash, D. Krachak, I. Ostrovskiy (Minsk - BY)
- Prognostic implications of mild to moderate symptoms of heart failure in admission in STEMI patients. 1498
J. Trigo, P. Gago, J. Mimoso, N. Marques, R. Faria, W. Santos, V. Gomes (Faro - PT)
- ZS2008, a Novel Agent for the Protection of the myocardium from Infarction/Reperfusion Injury. 1499
Z. Al-Akawi, S. Khatib (Irbid - JO)
- Occurrence and risk factors of obstructive sleep apnoea in acute myocardial infarction patients. 1500
F.M. Szymanski, M. Grabowski, K.J. Filipiak, A. Cacko, A. Hryniewicz, R. Rudowski, G. Opolski (Warsaw - PL)
- Anaemia and cholesterol, glucose levels in patients with chronic systolic heart failure. 1501
K. Zahidova, F.A. Guliyev Faiq (Baku - AZ)

Molecular biology / genetics.

- Correlation of Arg389Gly polymorphism with echocardiographic parameters in patients with heart failure. 1502
S. Bernardez, R. Abdalah, G. Silveira, A.B. Fonseca, H. Balieiro, S. Chermont, G. Ribeiro, E. Mesquita (Niteroi, RJ - BR)

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

The influence of I/D ACE gene polymorphism on symptoms of heart failure in patients after myocardial infarction treated with primary coronary angioplasty. 1503

L. Polak, J. Drozd, I. Szadkowska, K. Chizynski (Lodz - PL)

Assessment of the MTHFR gene polymorphism, homocysteine in patients with vascular dementia and Alzheimer's disease: a case-control study. 1504

V. Mantini, G. De Benedetto, C. Paci, E. Ettorre, T. Cassina, T. Moccetti, E. Pasotti,

V. Marigliano (Rome, San Benedetto Del Tronto - IT, Lugano - CH)

Association of the ACE gene I/D polymorphism and left myocardial systolic dysfunction in patients with acute ST elevations myocardial infarction treated by primary PCI. 1505

M. Goldbergova, J. Parenica, P. Kala, M. Poloczek, J. Manousek, M. Tesak, J. Spinar, A. Vasku (Brno - CZ)

Pathophysiology.

Bone marrow dysfunction in chronic heart failure patients contributes to impaired erythropoiesis. 1506

B.D. Westenbrink, A.A. Voors, T. Klinkenberg, E. Vellenga, P. Van Der Harst,

D.J. Van Veldhuisen, W.H. Van Gilst, R.A. De Boer (Groningen - NL)

Diabetes equally as systolic chronic heart failure augments an activity of hypercapnic chemoreceptors and depresses an activity of arterial baroreceptors in patients with coronary artery disease. 1508

B. Ponikowska, K. Wegrzynowska-Teodorczyk, J. Maj, B. Biel, L. Borodulin-Nadziejka,

W. Banasiak, E.A. Jankowska, P. Ponikowski (Wroclaw - PL)

Micro RNAs could be key molecules for impaired adrenergic myocardial contractile reserve in patients with idiopathic dilated cardiomyopathy. 1509

H. Izawa, H. Funahashi, A. Hirashiki, M. Yokota, M. Nomura, T. Murohara (Nagoya - JP)

Reproducibility of the measurement of hypercapnic chemosensitivity in patients with chronic heart failure and young healthy adults. 1510

A. Rydlewska, B. Biel, J. Maj, B. Ponikowska, L. Borodulin-Nadziejka, W. Banasiak,

E.A. Jankowska, P. Ponikowski (Wroclaw - PL)

Nesiritide and Levosimendan increase peripheral and central chemosensitivity during exercise in heart failure patients. 1511

E.A. Bocchi, L.Z. Moura, G.V. Guimaraes, P.V. Pires, F. Cruz, G. Gabriela Stopa (Sao Paulo - BR)

Real-time dynamic CO2 administration stabilizes end-tidal CO2 during periodic breathing. 1512

A. Giannoni, R. Baruah, K. Willson, Y. Mebrate, J. Mayet, M. Emdin, C.H. Manisty, D.P. Francis (Pisa - IT, London - GB)

The effect of myocardial secretion of interleukin 6 and its soluble receptors on remote left ventricle remodelling after myocardial infarction. 1513

K. Kaminski, M. Kozuch, A. Kozieradzka, S. Dobrzycki, K. Nowak, M. Knapp, P. Kralisz,

W.J. Musial (Bialystok - PL)

Adipose tissue in patients with chronic heart failure HV FC NYHA. 1514

K.B. Shavgulidze, N. Bylova, G.P. Arutyunov, K.A. Rogov (Moscow - RU)

Autonomic function in adolescent patients with orthostatic dysregulation. 1515

Y. Kikuchi (Tochigi - JP)

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

Aortic stenosis and anaemia: Mind the cause.

1516

A. Frigy, R. Ruff, C.S. Szabados, E. Carasca (Targu-Mures - RO)

Vascular Biology.

Impaired vascular function is related to left ventricular diastolic dysfunction in b-thalassemia major.

1517

E. Hamodraka, I. Paraskevidis, A. Karamanou, D. Tsiapras, K. Tsitlakidis, M. Drossou, I. Lekakis, D. Kremastinos (Athens - GR)

Levels of von Willebrand factor antigen and von Willebrand factor cleaving protease (ADAMTS13) activity predict clinical events in chronic heart failure.

1518

T. Gombos, V. Mako, L. Cervenak, J. Kunde, Z.S. Forhecz, Z. Pozsonyi, L. Janoskuti, Z. Prohaszka (Budapest - HU, Hennigsdorf - DE)

Long-lasting effect of Levosimendan against 5-hydroxytryptamine-induced contraction in isolated radial artery bypass grafts.

1519

N. Ambrus, J. Szolnok, P. Pollesello, A. Varro, G.Y.J. Papp, J. Pataricza (Szeged - HU, Espoo - FI)

Endothelial dysfunction is very common in patients during acute decompensated heart failure and is worse compared to patients with chronic compensated heart failure.

1520

N. Huda, M.Z. Hoque, K. Murthy, D. Karia (Philadelphia - US)

Impaired carotid artery elastic function in patients with Tetralogy of Fallot.

1521

A. Laszlo, A. Pinter, P. Studinger, T. Horvath, K. Kadar, A. Temesvari, Z.S. Szentpali, M. Kollai (Budapest - HU)

Circulating endothelial progenitor cells exhibit exercise induced variation.

1522

L. Bruyndonckx, C. Van Berckelaer, E. Van Craenenbroeck, G. Frederix, P. Beckers, C. Vrints, V. Conraads (Edegem - BE)

Pulmonary hypertension.

Contractile reserve of left and right ventricles in chronic obstructive pulmonary disease. Dobutamine stress Doppler tissue imaging study.

1523

H. Badran, S. Shalaby, W. Fareed, E. Abdelfatah, E. Khalifa (Shebin - EG)

Exercise Doppler echocardiography for screening of patients at risk for pulmonary arterial hypertension.

1524

R. Maier, G. Kovacs, R. Stauber, M. Brodmann, F.M. Fruhwald, E. Aberer, E. Gruenig, H. Olschewski (Graz - AT, Heidelberg - DE)

Prevalence and characteristics of congestive heart failure in elderly patients with chronic obstructive pulmonary disease.

1525

I. Vishinskaya, I.V. Taluzina, D.V. Preobrazhensky, B.A. Sidorenko, S.A. Pataraya (Moscow - RU)

Acute hemodynamic and mechanical effects of inhaled iloprost.

1526

A.R. Almeida, M.J. Loureiro, O. Simoes, S. Almeida, R. Miranda, C. Cotrim, M. Carrageta (Almada - PT)

Echocardiography and pulmonary function tests to detect early stage of pulmonary artery hypertension in systemic sclerosis.

1527

W. Serra, A.C. Chetta, A.C. Cattabiani, A.D. Ardisino, D.O. Olivieri, T.G. Gherli (Parma - IT)

08:30 - 12:30

CLINICAL POSTER SESSION V

Clinical Poster Area
Level 2 & 3

- Quality of life in patients with chronic obstructive pulmonary disease complicated by pulmonary artery hypertension. 1528
V. Pyankov, Y. Chuyasova (Kirov - RU)
- NTproBNP as predictor of hemodynamic abnormalities in pulmonary circulation in dilated cardiomyopathy patients with severe left ventricle dysfunction. 1529
W. Jachec, C. Wojciechowska, A.R. Tomasik, A. Gala, G. Irlík, D. Kawecki, E. Nowalany Kozielska, J. Wodniecki (Zabrze - PL)
- Acute hemodynamic effects of sildenafil in patients with idiopathic dilated cardiomyopathy. 1530
S. Ramakrishnan, V. Malik, G. Karthikeyan, S. Seth, R. Yadav, S. Singh, K.K. Deepak, B. Bhargava (New Delhi - IN)
- Pulmonary hypertension doesn't increase the risk of central sleep apnoea in different models of cardiac failure. 1531
C. Campana, L.S. Striuli, M.C.D. Dequarti, A.M. Mortara, E.V. Vanoli (Pavia, Monza - IT)
- Acute hemodynamic effect sildenafil in heart transplant candidates with severe pulmonary hypertension. 1532
H. Alhiti, V. Melenovsky, J. Kettner, I. Malek, J. Kautzner (Prague - CZ)
- Disproportionate pulmonary arterial hypertension and lung respiratory diseases: distinctive clinical, hemodynamic and prognosis of patients versus primary pulmonary arterial hypertension. 1533
T. Hugues, F. Lemoigne, P. Cerboni, P. Gibelin (Monaco - MC, Nice - FR)
- The role of echocardiography in the management of right ventricular failure in pediatric patients with pulmonary arterial hypertension. 1534
R. Toganel, L. Gozar, C. Suteu, C. Blesneac (Targu Mures - RO)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION V

Basic Science Poster Area
Level 2

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30. The presenter should be present throughout the coffee break (10:00 to 11:00) in order to discuss the poster.

Haemodynamics and peripheral circulation.

The role of inflammation in endothelial cell activation in patients with first admission for heart failure. 1535

M. Andor, M.C. Tomescu, A. Negru (Timisoara - RO)

Ivabradine increases augmentation pressure in healthy subjects. 1536

A. Dobosiewicz, P. Abramczyk (Warsaw - PL)

Hormones / Neurohumoral regulation.

Enhanced paracrine effects of adult progenitor cells depending on the underlying cardiovascular disease of the donor. 1537

S. Wenzel, N. Krehbiel, R. Schreckenber, K.D. Schlueter (Giessen - DE)

Isoform-specific activation of NFAT signalling in ANGII and NA-stimulated neonatal cardiomyocytes of mice. 1538

I.G. Lunde, C.R. Carlson, G. Christensen (Oslo - NO)

Increased Gi activity does not mediate the reduced beta-adrenergic inotropic effect in failing rat ventricle but Gi is necessary to maintain low basal contractility. 1539

K. Krobert, R.I. Hussain, F. Afzal, J.M. Aronsen, I. Sjaastad, J.B. Osnes, T. Skomedal, F.O. Levy (Oslo - NO)

The inotropic effects of prostanoids are attenuated in failing human and rat ventricular myocardium. 1540

J. Riise, C.H.T. Nguyen, R.I. Hussain, E. Ovigstad, J.B. Osnes, T. Skomedal, F.O. Levy, K. Krobert (Oslo - NO)

T3 limits apoptosis and improves postischaemic recovery: An effect mediated via p38 MAPK signaling. 1541

I. Mourouzis, T. Saranteas, G. Clave, H. Ligeret, P. Perimenis, D. Spanou, C. Pantos, D. Cokkinos (Athens - GR, Paris - FR)

Disrupted serotonergic and sympatho-adrenal systems in patients with chronic heart failure as a novel biomarkers to assess severity. 1542

V.V. Kirillova (Kazan - RU)

Left ventricular function.

Left ventricular Systolic Atrioventricular Plane Displacement: A Simple method for Evaluation of Left Ventricular Systolic Dysfunction in patients with heart Failure with Preserved Systolic function. 1543

M. Yossof, A. Omar, H. Kabil, A. Abdelsamad (Mansoura - EG)

Thoracic Electrical Bioimpedance measurements in left ventricular dysfunction following acute myocardial infarction. 1544

D. Toader, R. Musetescu, D.D. Ionescu (Craiova - RO)

Relation between left atrial volume index and echocardiographic measurements of diastolic dysfunction in first week after acute myocardial infarction. 1545

R. Musetescu, D. Toader, D.D. Ionescu (Craiova - RO)

08:30 - 12:30

BASIC SCIENCE POSTER SESSION V

Basic Science Poster Area
Level 2

- Admittance technology for real-time rodent pressure-volume (PV) loops. 1546
A. Kottam, M.D. Feldman (London - CA, San Antonio - US)
- Two-compartment time-varying elastance model to predict the impact of dyssynchrony on left ventricular function in left bundle branch block. 1547
P. Steendijk, A.F. Van Tol, T.J. Faes, R.J. Klautz, M.J. Schalij (Leiden, Amsterdam - NL)
- Pivotal role of Nox2 NADPH oxidase-derived reactive oxygen species in doxorubicin cardiotoxicity. 1548
Y. Zhao, B.J. Mcdermott, D.J. Grieve (Belfast - GB)
- FKBP sticky mutant rescues aspects of calcium handling but not cardiac performance in two models of heart failure. 1549
T. Seidler, N. Teucher, P. Kramps, S. Wagner, B. Unsoeld, H. Schotola, G. Hasenfuss, L.S. Maier (Gottingen - DE)
- Metabolism / Ischaemia / Reperfusion / Preconditioning.**
- The non-selective matrix metalloproteinase inhibitor Ilomastat decreases infarct size in acute coronary occlusion and reperfusion in rats in vivo. 1550
P. Bencsik, J. Pipis, Z.S. Murlasits, Z. Giricz, G. Kocsis-Fodor, T. Csont, P. Ferdinandy (Szeged - HU)
- Connexin 43 replacement reduces bionergetic tolerance to low flow ischaemia in isolated mice heart. 1551
I. Barba, A. Rodriguez-Sinovas, N. Esquerda, E. Agullo, E. Miro, G. Heusch, M. Ruiz-Meana, D. Garcia-Dorado (Barcelona - ES, Essen - DE)
- Calpain inhibition at reperfusion limits infarct size in in vivo rat model. 1552
J. Inserte, C.L. Sartorio, V. Hernando, M. Poncela, D. Garcia-Dorado (Barcelona - ES)
- Cholesterol-enriched diet inhibits cardioprotection by ATP-sensitive potassium channel activators. 1553
C. Csonka, K. Kupai, V. Fekete, P. Bencsik, G.F. Kocsis, U. Zvara, G.L. Puskas, P. Ferdinandy (Szeged - HU)
- Stimulus specific changes of energy metabolism in hypertrophied heart. 1554
S. Rimbaud, H. Sanchez, A. Garnier, D. Fortin, X. Bigard, V. Veksler, R. Ventura-Clapier (Chatenay-Malabry, La Tronche - FR)
- Endogenous activation of mitochondrial KATP channels protects human failing myocardium from hydroxyl radical-induced contractile dysfunction. 1555
C. Maack, E. Dabew, M. Hohl, T. Zeller, A. Cura, H.-J. Schafers, M. Bohm (Homburg - DE)
- High- but not low-dose ketamine abolishes cardioprotection elicited by volatile anaesthetics and diazoxide in the rat heart in vivo. 1556
D. Muntean, V. Ordodi, G. Gheorghiu, N. Mirica, C. Hentia, A. Raducan, O. Duicu, D. Sandesc (Timisoara - RO)
- The hearts of chronically hypercholesterolaemic mice can be protected by ischaemic preconditioning. 1557
S. Passey, H. Lin, G.D. Angelini, A. Halestrap, M.-S. Suleiman (Bristol - GB)
- Isolated factors identified in the effluent of preconditioned hearts offers cardioprotection. 1558
L. Breivik, E. Helgeland, A.K. Jonassen (Bergen - NO)

Cannabinoid receptor activation protects coronary endothelium against reperfusion injury 1559
in a cellular model of ischaemia and reperfusion.

S.A. Kasseckert, H.M. Piper, Y. Abdallah (Giessen - DE)

The perivascular tissue protects human myocardium from ischaemia/reoxygenation injury. 1560

T. Roleder, M. Malinowski, K.S. Golba, M. Deja, S. Wos (Katowice - PL)

Pathophysiology.

Impaired cardiac energetics is independent of coronary microvascular function in patients with type 1 diabetes. 1561

G. Nallur Shivu, K. Abozguia, T.T. Phan, I. Ahmed, A. Wagenmakers, P. Narendran, M. Stevens, M. Frenneaux (Birmingham - GB)

Different phosphorylation pattern of cytochrome c oxidase subunits alternate oxygen turn over. 1562

S. Vogt, R. Ramzan, V. Koch, A. Rhiel, P. Weber, B. Kadenbach, R. Moosdorf (Marburg - DE)

Activation of Notch signalling in cardiomyocytes during post-infarction myocardial remodelling. 1563

E.H. Oie, W.J. Sandberg, M.S. Ahmed, L.E. Vinge, L. Gullestad, H. Attramadal, P. Aukrust, H.G. Eiken (Oslo, Bergen - NO)

Incomplete recovery of myocardial remodeling after aortic valve replacement for isolated stenosis: The importance of fibrosis. 1564

C. Gavina, I. Falcao-Pires, H.W.M. Niessens, R. Lopes, A. Azevedo, F. Rocha-Goncalves, W. Paulus, A. Leite-Moreira (Porto - PT, Amsterdam - NL)

Impact of age in diastolic function after aortic valve replacement for isolated stenosis- clinical and molecular correlations. 1565

C. Gavina, I. Falcao-Pires, A. Borbely, R. Lopes, A. Azevedo, F. Rocha-Goncalves, W. Paulus, A. Leite-Moreira (Porto - PT, Debrecen - HU, Amsterdam - NL)

Alterations of sarcoplasmic reticulum function in failing myocardium combined with diabetes. 1566

D. Kondrat'eva, S. Afanas'ev, B. Koslov, S. Popov, R. Karpov (Tomsk - RU)

Mitochondrial network dynamics in heart failure. 1567

A. Garnier, D. Fortin, F. Joubert, M. Novotova, V. Veksler, R. Ventura-Clapier (Chatenay-Malabry - FR, Bratislava - SK)

Augmented S-nitrosylation of tropomyosin in human heart failure. 1568

S. Menazza, M. Canton, F. Sheeran, S. Pepe, F. Di Lisa (Padova - IT, Melbourne - AU)

Contribution of oxidative stress generated by MAO-A in cardiac remodeling associated with aging. 1569

C. Villeneuve, C. Guilbeau-Frugier, O. Lairez, C. Ordener, M.-B. Delisle, A. Parini, J. Mialet-Perez (Toulouse - FR)

Changes in plasma and tissue concentrations of neuropeptide Y in pigs with peritonitis-induced septic shock. 1570

J. Kuncova, R. Sykora, J. Chvojka, J. Svirglerova, M. Stengl, A. Krouzecky, L. Nalos, M. Matejovic (Plzen - CZ)

Myocardial remodelling and hibernation in arterial hypertension and acute myocardial infarction as predictor of heart failure. 1571

O. Barnett, Y.K. Kyak, L. Nemchyna (Lviv, Kiev - UA)

Molecular biology / Genetics.

- Regulation of GADD153 induced by mechanical stress in cardiomyocytes. 1572
B.W. Wang, K.G. Shyu (Taipei - TW)
- Differential effects of vascular nitrate tolerance on the gene expression pattern of rat heart and aorta: a DNA microarray study. 1573
Z. Murlasits, T. Csont, P. Bencsik, G. Szenasi, V. Fekete, P. Ferdinandy, L.G. Puskas (Szeged, Budapest - HU)
- Endothelial system polymorphisms in heart failure. 1574
M.J. Ruiz Olgado, R.G.S. Rogelio Gonzalez, C.M.L. Candido Martin Luengo, M.G. Maria Gallego, MC. Milagros Clemente, A.M. Ana Martin (Salamanca - ES)
- Variability in the endocannabinoid system genes, FAAH and CNR1, changes the risk of acute myocardial infarction and plasma cholesterol level. 1575
M. Chmelikova, L. Spinarova, A. Vasku (Brno - CZ)
- The Ang(1-7) mas receptor expression is increased in myocardial tissue from heart failure patients that are in a highly active remodelling stage. 1576
M. Batlle Perales, F. Perez-Villa, A. Lazaro, E. Garcia-Pras, I. Vallejos, M. Roque, J. Orus, E. Roig (Barcelona - ES)
- Mutational Screening of SCN5A in Patients Suspected of LOTS. 1577
M. Raudenska, T. Novotny, A. Bittnerova, A. Vasku (Brno - CZ)
- Coronary artery bypass surgery causes genomic changes in the human myocardium that are ameliorated by off-pump surgery. 1578
M.T. Ghorbel, M. Cherif, A. Mokhtari, V.D. Bruno, G.D. Angelini, M. Caputo (Bristol - GB)
- Dissection of chronic hypoxia effects on myocardium transcriptome of patients with tetralogy of fallot defect using genome-wide CDNA microarrays. 1579
M.T. Ghorbel, M. Cherif, E. Jenkins, A. Mokhtari, G.D. Angelini, A. Parry, M. Caputo (Bristol - GB)
- Nuclear factor-kappa B regulates oestrogen receptor-alpha transcription in the human heart. 1580
S. Mahmoodzadeh, S. Frtischka, M.M. Davidson, R. Hetzer, V. Regitz-Zagrosek (Berlin - DE, New York - US)
- 17-beta Estradiol inhibits the transcriptional activity of the human matrix metalloproteinase-2 promoter via MAPK signalling pathway in HT1080 cells. 1581
E. Dworatzek, S. Mahmoodzadeh, V. Regitz-Zagrosek (Berlin - DE)

Cytokines and inflammation.

- Relation between circulating tumour necrosis factor-alpha, Interleukin-10 and mortality in systolic heart failure patients. 1582
O. Amir, O. Rogowski, M. David, N. Lahat, H. Paz, R. Wolff, B.S. Lewis (Haifa, Tel Aviv - IL)
- Expansion of antigen specific immune cells relative to disease severity in CHF is indicative of autoimmunity. 1583
S.M. Shaw, J.E. Fildes, T. Coppinger, C. Waywell, L. Dunne, N. Yonan, S.G. Williams (Manchester - GB)
- Adenosine interferes with Toll-like receptor 4 pathway through increased binding of Beta-arrestins to tumour necrosis factor receptor-associated factor -6. 1584
B. Haas, F. Leonard, I. Ernens, M. Rolland-Turner, T. Chan, A.M. Feldman, Y. Devaux, D.R. Wagner (Luxembourg - LU, Philadelphia - US)

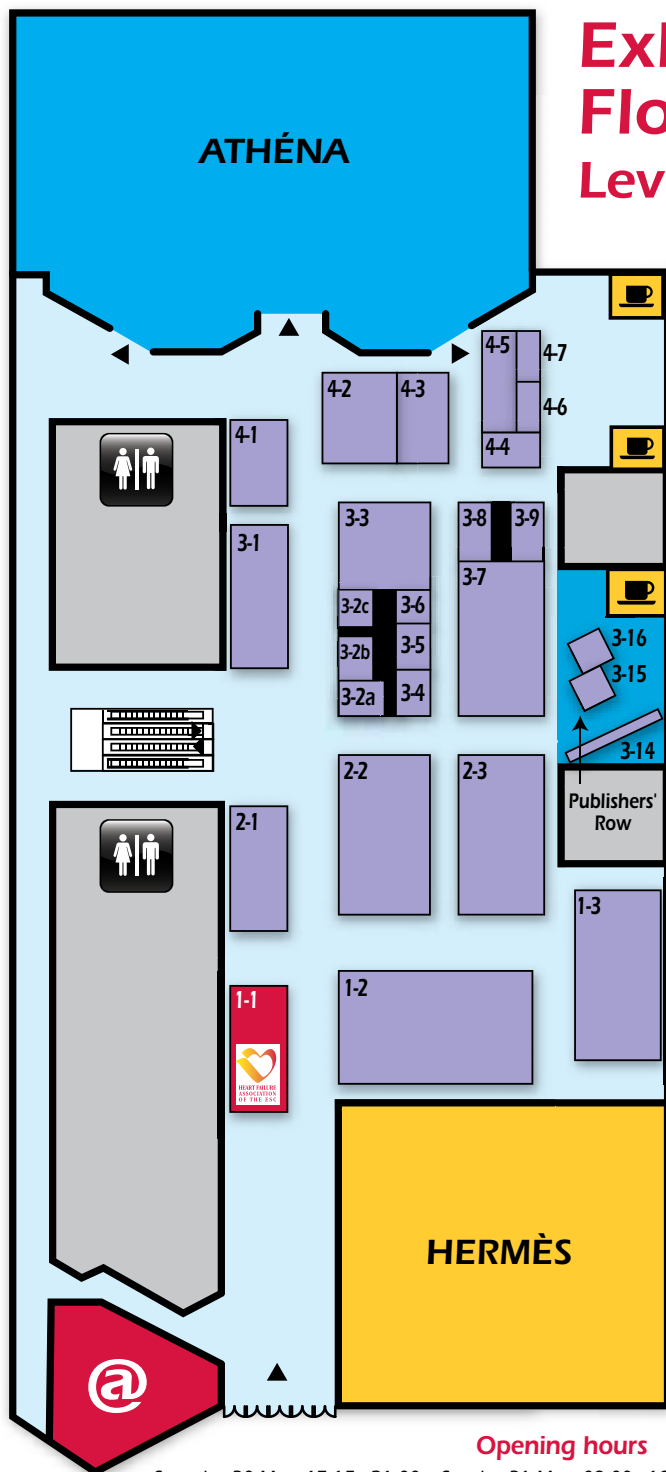
08:30 - 12:30

BASIC SCIENCE POSTER SESSION V

Basic Science Poster Area
Level 2

- Toll like receptor 4 overexpression increases the susceptibility to angiotensin-II- mediated left ventricular remodeling in mice by selective and early cytokine activation. 1585
A. Riad, P.M. Becher, D. Westermann, O. Lettau, H.P. Schultheiss, C. Tschöpe (Berlin - DE)
- Cardiotrophin-1 actions in vascular smooth muscle cells. A role in arterial stiffness. 1586
N. Lopez, M.A. Fortuno, C. Labat, N. Sloboda, J. Diez, P. Lacolley, F. Zannad, P. Rossignol (Nancy - FR, Pamplona - ES, Domartin-Les-Toul - FR)
- Leptin induces interleukin-18 through endothelin-1, Rho/Rho-kinase, and PPARs in cardiomyocytes. 1587
T. Doi, T. Sakoda, T. Akagami, T. Naka, T. Tsujino, T. Masuyama, M. Ohyanagi (Nishinomiya - JP)
- Human cardiac myofibroblasts express endothelial adhesion molecules in response to proinflammatory cytokine stimulation. 1588
N.A. Turner, K.E. Porter (Leeds - GB)
- Induction of left ventricular systolic dysfunction following chronic beta adrenergic activation is associated with systemic release of TNF alpha and IL1 beta in rats. 1589
S. Kumar, S. Seth, A. Jaiswal, R. Enjamoori, A.K. Dinda, R. Ray, S.K. Maulik (New Delhi - IN)
- Increased production of CXCL16 in experimental and clinical heart failure, a possible role in extracellular matrix remodeling. 1590
C.P. Dahl, C.H. Husberg, L. Gullestad, B. Halvorsen, P. Aukrust, E. Oie, A. Yndestad, G. Christensen (Oslo - NO)
- Signalling and gene expression by interleukin-1beta (IL-1beta) and IL-33 in cardiomyocytes. 1591
A. Yndestad, A.K. Marshall, T.E. Cullingford, J.D. Hodgkinson, E.L. Tham, P.H. Sugden, A. Clerk (Oslo - NO, London - GB)
- The pro-inflammatory agonist Tumour necrosis factor alpha accentuates induction of Endothelial to Mesenchymal Transition by Transforming Growth Factor Beta. 1592
P.H. Collier, C.J. Watson, D. Phelan, M. Xu, N. Glezeva, M. Ledwidge, K. McDonald, J. Baugh (Dublin - IE)
- Myocardial Toll-Like Receptor 4 (TLR4) mediates dysfunction in septic shock and myocardial ischaemia (MI). 1593
R. Fallach, A. Shainberg, M. Fainblut, Y. Chepurko, O. Avlas, E. Porat, E. Hochhauser (Ramat Gan, Petah Tikva - IL)
- Mechanism of inhibitory effect of atorvastatin on endoglin expression induced by transforming growth factor-beta 1 in cultured cardiac fibroblast. 1594
B.W. Wang, K.G. Shyu (Taipei - TW)
- Relationship between redox state, inflammation and severity of LV ventricular dysfunction in chronic heart failure (CHF) patients. 1595
R. Caruso, M. Bianchi, J. Campolo, B. De Chiara, R. De Maria, M. Parolini, M. Frigerio, O. Parodi (Milan - IT)
- Development of aortic valve cellular calcification is associated with intracellular redox stress: amelioration by nitric oxide. 1596
N.S. Kanagasigam, J.D. Horowitz, J.A. Kennedy (Adelaide - AU)
- Platelet lysate enhance pro-inflammatory factors secretion and J774 monocyte chemotaxis by cardiac fibroblast cells. 1597
S.Y. Yabanoglu, A. Parini, N. Pizzinat (Toulouse - FR)

Exhibition Floor Plan Level 2



	Stand N°
ADInstruments Ltd.	4-6
BRAHMS Aktiengesellschaft	4-4
Cardiola AG Cardiac Support Systems	3-6
Experimetria Ltd.	4-7
GE Healthcare	3-9
HFA/ESC	1-1
Hellenic Cardiological Society	3-2b
Innovision A/S	3-5
Inverness Medical Cardiology Division C/O Biosite International	4-1
Medispec Ltd.	3-8
Medtronic	3-1
Menarini Group	3-3
Merck Serono, a division of Merck KGaA	3-7
Orion Corporation Orion Pharma	3-2a
Otsuka Pharmaceuticals Europe Ltd.	1-2
Oxford University Press	3-15
Pfizer Inc.	4-2
Pharmacosmos A/S	4-5
ResMed Europe	4-3
Scisense Inc.	3-16
Servier	2-2
Takeda Pharmaceuticals Europe Ltd.	2-3
Thoratec Corporation	3-4
Vifor Pharma	2-1
Wisepress Online Bookshop	3-14

Opening hours

Saturday 30 May: 17:15 - 21:00 - Sunday 31 May: 09:00 - 18:00 - Monday 1 June: 09:00 - 18:00

Exhibitors

Exhibitors at Heart Failure 2009:

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ADInstruments Ltd

4-6

Unit 56, Monument Business Park Chalgrove
Oxfordshire OX44 7RW
United Kingdom

Tel: +44 1865 89 16 23 - Fax: +44 1865 89 08 00

Email: a.gac@adinstruments.com

Web Site: www.adinstruments.com

ADInstruments is a well-established global company that provides data acquisition and analysis solutions for use in life science research and education. Using our intuitive LabChart software, pressure-volume loops, ECG analysis, Blood Pressure Analysis, Heart Rate Variability and Cardiac Output can be carried out on-line in real time.

With our partner Millar Instruments we provide researchers with complete solutions for measuring cardiovascular pressure and volume in both small (offering the worlds smallest 1F (0,3mm) PV catheter) and large animals.

BRAHMS Aktiengesellschaft

4-4

Neuendorfstrasse 25
16761 Hennigsdorf
Germany

Tel: +49 33 02 88 30

Email: brahms@brahms.de

Web Site: www.brahms.de

BRAHMS AG is focused on research and development of a number of biomarkers which have demonstrated potential efficacy in the diagnosis of infectious and cardiovascular diseases. Innovative biomarkers facilitate earlier diagnosis and better therapy control, thus enabling clinicians to provide more efficient and economic patient care.

Cardiola AG Cardiac Support Systems

3-6

Gruezefeldstr. 51
8404 Winterthur
Switzerland

Tel: +41 52 234 66 00 - Fax: +41 52 234 66 09

Email: info@cardiola.com

Web Site: www.cardiola.com

Cardiola AG is the developer and marketer of a proprietary, non invasive m.pulse device for the treatment of Congestive Heart Failure (CHF). Muscular Counterpulsation (MCP) is poised for patient at-home treatment, has been clinically validated and already received CE clearance. The m.pulse device is available now in Europe.

Exhibitors

Experimetria Ltd.

4-7

Podmaniczky St. 87
1062 Budapest
Hungary

Tel: +36 126 901 91 - Fax: +36 353 3451

Email: info@experimetria.com

Web Site: www.experimetria.com

Experimetria offers a full laboratory solution for pre-clinical pharmacological and cardiovascular research. We are introducing our newly developed advanced 12-lead portable ECG and non-invasive blood pressure monitor system with analytical software for human diagnostic.

GE Healthcare

3-9

Pollards Wood - Nightingales Lane
Chalfont St Gales - Bucks HP84SP
United Kingdom

Tel: +44 1 494 544 000 - Fax: +44 1 494 498 234

Email: marianne.c.olsen@ge.com

Web Site: www.gehealthcare.com

GE Healthcare is dedicated to helping you transfer healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging is enabling healthcare professionals around the world discover new ways to predict, diagnose, and treat disease earlier. Please visit our booth to learn more about our offerings in the field of cardiology.

HFA/ESC

1-1

Secretariat
The European Heart House
2035 Route des Colles - Les Templiers - BP 179
06903 Sophia Antipolis
France

Tel: +33 4 92 94 76 00 - Fax: +33 4 92 94 76 01

Web Site: www.escardio.org/HFA

Heart Failure Association

The Heart Failure Association of the ESC (HFA of the ESC) is a registered Branch of the ESC. Its mission is «To improve quality of life and longevity, through better prevention, diagnosis and Treatment of heart failure, including the establishment of networks for its management, education and research.»

Visit us at our stand, join the HFA and apply on-line, pick-up information on Heart Failure 2009, get the European Journal of Heart Failure, and much more is waiting for you.

European Society of Cardiology

The European Society of Cardiology (ESC) represents almost 60,000 cardiology professionals from across Europe and the Mediterranean. Its mission is «To reduce the burden of cardiovascular disease in Europe». achieved through a series of scientific and educational activities and its Annual Congress, the largest medical meeting in Europe, 29 August-2 September 2009 in Barcelona.

Further information on the ESC and its activities can be found on www.escardio.org

Exhibitors

Hellenic Cardiological Society

3-2b

6 Potamianou St.
11528 Athens
Greece

Tel: +30 21 07 25 80 03 - Fax: +30 21 07 22 61 39

Email: info@hcs.gr

Web Site: www.hcs.gr

The Hellenic Cardiological Society (HCS), established in 1948, is a scientific, non-profit association with over 2000 members. Its principal aim is to reduce the incidence of cardiovascular disease in Greece.

Innovision A/S

3-5

Lindvedvej 75
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Denmark

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Email: info@innovision.dk

Web Site: www.innovision.dk

Innocor® is an easy-to-use device for cardiopulmonary exercise testing combining non-invasive measurements of cardiac output by Inert Gas Rebreathing with Breath-by-breath metabolic measurements. Innocor® provides the most comprehensive system for evaluation of CHF patients and patients where cardiovascular disorders are suspected or being treated.

Inverness Medical

4-1

Cardiology Division C/O Biosite International

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1110 Morges
Switzerland

Tel: +41 215 66 70 50 - Fax: +41 218 02 09 33

Email: info.cardiology@invmed.com

Web Site: www.invernessmedical.com

Inverness Medical-cardiovascular portfolio: Rapid Point of Care diagnostic tests in risk assessment (complete Lipid profiles), anticoagulant therapy management (PT/INR), diagnosis and assessment of HF (BNP), AMI (Myo, CK-MB, Tnl), thromboembolic events (D-dimer) and Acute Kidney Injury (NGAL). Cholestech LDX®, INRatio®2, Triage® Systems.

Exhibitors

Medispec Ltd.

3-8

20410 Observation drive, Suite # 102
20876 Germantown, MD
United States

Tel: +1 301 944 1575 - Fax: +1 301 972 6098

Email: marketing@medispec.com

Web Site: www.medispec.com

Medispec's CARDIOSPEC, uses Extracorporeal Shockwave Myocardial Revascularization (ESMR) technology for treatments of patients with advanced Ischemic Heart Disease. ESMR is the optimal alternative complementing standard treatment procedures for revascularization. Clinical results show a significant improvement in CCS class, Exercise Tolerance, increase in myocardial perfusion and obviously improvement in myocardial contractility.

ESMR is the optimal alternative that complements standard treatment procedures for revascularization.

Medtronic

3-1

Route du Molliat 31
1131 Tolochenaz
Switzerland

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Web Site: www.medtronic.com

Medtronic is the leader in medical technology - alleviating pain, restoring health, and extending life for millions of people around the world.

Join our symposium on Sunday, May 31, 12:35-13:50, for presentations on the latest clinical evidence, and visit our booth (3-1) to discuss innovative solutions for managing heart failure patients.

Menarini Group

3-3

Via sette Santi 1
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Web Site: www.menarini.com

Menarini is the largest Italian pharmaceutical group and it ranks number 36 in the World and number 19 in Europe. Menarini is present in more than 100 countries worldwide and investing 10% of its turnover in R&D. In cardiovascular field Menarini is present with Nebivolol, Olmesartan, Amlodipine/Olmesartan, Zofenopril and Ranolazine.

Exhibitors

Merck Serono, a division of Merck KGaA

3-7

Frankfurter Strasse 250
D-64293 Darmstadt
Germany

Tel: +49 61 51 72 - Fax: +49 61 51 72

Email: pharma@merck.de

Web Sites: www.merck.de, www.bisoprolol-infocenter.com, www.cme-heartfailure.net,
www.bisoprolol-slides.info, www.cibis3.info

CIBIS III (Cardiac Insufficiency Bisoprolol Study): a secondary analysis provides evidence that early bisoprolol treatment in CHF patients significantly reduces the rate of sudden deaths by 46% in the first year of treatment.

Bisoprolol for CHF treatment is known as e.g. Concor® COR, Cardicor®, Cardensiel®, Concor® IC, Congescor®, Emconcor® CHF, E.

Orion Corporation Orion Pharma

3-2a

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Orion Pharma is a R&D-based company developing and manufacturing medicinal treatments and diagnostic tests for global markets. The product range includes both human and veterinary pharmaceuticals, and active pharmaceutical ingredients. Orion's core therapeutic areas are CNS, respiratory, oncology, and critical care.

Otsuka Pharmaceuticals Europe Ltd.

1-2

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Web Site: www.otsuka-europe.com

Otsuka is committed to discovering and developing innovative medicines and devices that address unmet medical needs. Otsuka continues to strive for excellence in innovation, to provide medicines of real therapeutic value to patients and healthcare professionals.

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Exhibitors

Oxford University Press

3-15

Great Clarendon Street
OX2 6DP - Oxford
United Kingdom

Email: jnls.mkt@oxfordjournals.org

Web Site: www.oxfordjournals.org and www.oup.com

Oxford University Press publishes some of most respected medical books and journals in the world including the Oxford Textbook of Medicine, The ESC Textbook of Cardiovascular Medicine as well as the leading European journals in the field, European Heart Journal, European Journal of Heart Failure, European Journal of Echocardiography, Cardiovascular Research and EP-Europace all published on behalf of the European Society of Cardiology. To discover more about our quality products, visit our stand to browse books and to pick up free copies of the journals.

Visit www.oxfordjournals.org or www.oup.com to find out more.

Pfizer Inc.

4-2

235 East 42nd Street
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United States

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Email: Selim.Sezgin@Pfizer.com

Web Site: www.pfizer.com

Pfizer Inc, a world leader in cardiovascular, metabolic, and endocrine care research, is dedicated to improving cardiovascular disease management.

Our commitment to innovative research and development has led to the advancement of products such as Inspra (R) -indicated to reduce the risk of cardiovascular mortality and morbidity in patients with left ventricular dysfunction and heart failure, following recent myocardial infarction.

Pfizer's Inspra exhibit will form part of the ESC-HF congress in Nice.

Pharmacosmos A/S

4-5

Roervangsvej 30
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Email: pharmacosmos@pharmacosmos.com

Web Site: www.pharmacosmos.com

PHARMACOSMOS is a Danish company specialized in manufacturing and developing safe and efficient parenteral iron products. Pharmacosmos market low Mw iron dextran, registered as INFeD[®] in US, Ferrisat[®] in France and as CosmoFer[®] in the rest of the world. CosmoFer[®] is the only iron for total dose infusion - TDI.

Exhibitors

ResMed Europe

4-3

Fraunhoferstrasse 16
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Germany

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Email: info@resmed.de

Web Site: www.resmed.com

ResMed is a leading developer, manufacturer, and marketer of medical equipment for the diagnosis and treatment of Sleep-Disordered Breathing (SDB). ResMed is committed to education and awareness by supporting leading physicians and researchers exploring the link between SDB and life-threatening diseases as heart failure, hypertension, and stroke.

Scisense Inc.

3-16

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Email: sales@scisense.com

Web Site: www.scisense.com

Scisense Inc. is a Canadian company which manufactures and designs miniature sensors for studying cardiac function in mice and larger animals. Our pressure, pressure-volume and ECG sensors are mounted on catheters for minimally invasive studies in animals.

New this year is a revolutionary system for measuring LV Volume called the ADVantage.

Servier

2-2

35 - 37 rue de Verdun
92150 Suresnes
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Email: annie.aufort@fr.netgrs.com

Servier is involved in research and development, manufacture and marketing of ethical pharmaceuticals. It is a private, independent pharmaceutical company, led by the founder Dr Jacques Servier.

Servier has developed different drugs for the treatment of hypertension, heart failure and coronary artery disease such as Procoralan (ivabradine), Coversyl (perindopril), Preterax (perindopril/indapamide), Natrilix SR (indapamide) and Vastarel MR (trimetazidine).

Exhibitors

Takeda Pharmaceuticals Europe Ltd.

2-3

61 Aldwych
WC2B 4AE London
United Kingdom

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Email: nigel.glover@tpeu.co.uk

Web Site: www.takeda.com

Takeda Pharmaceuticals Europe is a subsidiary of Takeda Pharmaceutical Company which is the largest pharmaceutical company in Japan and a global industry leader.

Takeda is committed to developing innovative products in a range of therapeutic areas, including candesartan cilexetil (Blopess[®], Kenzen[®] and Amias[®]) and pioglitazone (Actos[®]).

Thoratec Corporation

3-4

6101 Stoneridge Drive
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Web Site: www.thoratec.com

Thoratec[®] Corporation innovates and delivers technologies enabling a full range of therapies to save, support and restore failing hearts. With over 12,000 patient implants and three decades of experience, Thoratec offers the broadest portfolio of ventricular assist devices. Thoratec's product line includes the HeartMate[®] LVAS, Thoratec PVAD[™] and IVAD[™], and the HeartMate II[®] LVAD.

Vifor Pharma

2-1

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Web Site: www.viforpharma.com

Vifor Pharma is a globally operating company and the world leader in unique iron preparations for the treatment of iron deficiency and iron deficiency anaemia. Dedicated to continuous innovation, Vifor developed the new intravenous iron product Ferinject[®] (ferric carboxymaltose). Vifor's iron portfolio further includes Venofer[®] (iron sucrose).

Exhibitors

Wisepress Online Bookshop

3-14

The Old Lamp Works
25 High Path
SW19 2JL London
United Kingdom

Tel: +44 2087151812 - Fax: +44 87151722

Email: bookshop@wisepress.com

Web Site: www.wisepress.com

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Sessions

Title / Page Number

Abstract Sessions

Basic Science	34
Best across topics	27
Judges Choice Basic Science	83
Judges Choice Clinical	18
Nursing Investigator Award.....	33
Young Investigator Award - Basic Science....	29
Young Investigator Award - Clinical	82

Basic Science Sessions

Ca2+ signalling: time and space matters...	141
Cytokines - more than just inflammatory.....	94
mediators?	
EC-coupling: Sparks, waves and leaks	87
Emerging targets from basic.....	92
mechanisms	
Endothelial regulation of cardiac.....	140
function	
From ion movements to ventricular	144
arrhythmias	
How to create cardiomyocytes from	95
progenitors or embryonic stem cells	
How-to on new model systems for	92
cardiac disease	
Hypertrophic signalling: localisation and.....	33
crossstalk	
Metabolic pathways and intracellular	23
signalling	
miRNAs - the new panacea?	22
Mitochondria as therapeutic targets.....	145
Notch/Wnt signalling: lessons from.....	141
developmental biology	
Quality control: autophagy and the.....	19
proteasome	
Redox control of intracellular signalling	140
Response and adaptation to stress.....	83
Stem cell therapy: rescue or regeneration?..	19
Surfing the data tsunami: a systems	87
biology approach	

Transition to heart failure: angiogenesis	94
and the role of non-myocytes	

Educational / Training Sessions

Acute heart failure.....	32
Advanced heart failure.....	143
Chronic heart failure.....	139
Heart failure and the kidney:.....	21
The liaison dangereuse	
How to design a trial in acute and.....	81
chronic heart failure in 2009	
How to manage patients with	139
hypertrophic cardiomyopathy	
How to prevent the transition from.....	91
hypertension to heart failure	
How to select a heart failure patient for	17
CRT-P, CRT-D or ICD	
Managing my heart failure patients'	86
other problems	
Managing symptoms in heart failure.....	32

French Sessions

Gérer le traitement médicamenteux.....	13
Prise en charge clinique	14
Symptômes et pathologies associées	18
Tout ce que vous devez savoir sur :.....	22

ISHR Sessions

ISHR General Assembly	34
The sarcomere: Contraction and beyond....	93

Joint Sessions

All you need to know about unusual.....	81
causes of heart failure	
A joint session with the South	
African Heart Failure Society (Hefssa)	
Debate - A joint session with.....	13
European Heart Rhythm Association	
(EHRA)	
Heart failure, obesity and diabetes	21
A joint session with the Heart Failure	
Society of America (HFSA)	

Sessions

Title / Page Number

Joint Sessions

How to Assess.....	143
A joint session with the European Association of Echocardiography	
New developments in angiotensin research - A joint session with the ECCR	29
Optimising RAAS blockade in heart failure... A joint session with the Asia Pacific Society of Cardiology	17
Pills don't work if patients don't take them A joint session with the American Association of Heart Failure Nurses (AAHFN)	86
The elderly heart failure patient with co-morbidity	139
A joint session with the Council on Cardiovascular Primary Care and the European Primary care Cardiovascular Society	

Main Sessions

Best Papers in 2008 / 2009.....	13
Can you afford not to implant devices?.....	91
Cardiac MRI in Heart Failure	27
Heart failure events in non heart failure..... trials and non heart failure events in heart failure trials	17
How to perform remote monitoring.....	143
How to use LVADs in 2009.....	91
Late Breaking Trials.....	86
What did I miss at the:	81
What is controversial in the new ESC Heart Failure Guidelines?	21
When does management of heart failure ... become palliative?	32

Moderated Posters

Cardiomyopathy and Imaging.....	30
Basic Science.....	141
Medical and surgical treatments.....	19
Pathophysiology of heart failure.....	93

Patient Care.....	30
Prognosis	84

Nursing Sessions

How to manage patients following transplant or implanted device	82
How to manage the complicated patient at the heart failure clinic	87
How to monitor patients remotely in daily practice	94
Self-care behaviours: strategies and Tools.....	28

Industry Sponsored Sessions

Advanced Heart Failure - A call to action.....	89
Satellite Symposium organised by Thoratec Europe Ltd.	
Beyond Obstruction: Central Sleep Apnea and Heart Failure	25
Meet The Experts Session organised by Cardiac Concepts, Inc	
Device therapies in heart failure: bringing the benefits to the right patients	24
Satellite Symposium organised by Medtronic	
Heart Failure and co-morbidities..... in elderly	96
Satellite Symposium organised by Menarini International	
Ivabradine: the future in heart failure management	24
Satellite Symposium organised by SERVIER	
Management of chronic heart failure in challenging patients	96
Satellite Symposium organised by Merck Serono, a division of Merck KGaA	
mIBG to identify subjects at risk of..... adverse cardiac event: new clinical data	88
Satellite Symposium organised by GE Healthcare	

Industry Sponsored Sessions

New insights: Intravenous iron in.....	25
Chronic Heart Failure (CHF)	
Satellite Symposium organised by Vifor Pharma	
New opportunities in HF with novel biomarkers.....	35
Satellite Symposium organised by B.R.A.H.M.S AG	
Novel Heart Failure treatment strategies.....	26
with Direct Renin Inhibition: From proof of Concept to Clinical Evidence	
Meet the Experts organised by Novartis	
Preserving renal function in Acute.....	88
Heart Failure (AHF): emerging therapies for a new paradigm	
Satellite Symposium organised by Merck, Sharp & Dohme	
Should we screen cardiac patients for.....	88
Sleep apnoea? When, why and how	
Satellite Symposium organised by ResMed	
The characteristics and management of.....	24
hyponatraemia	
Satellite Symposium organised by Otsuka Pharmaceutical Europe Ltd.	
The worldwide view across the heart.....	89
failure patient-care continuum:	
Biomarker utilisation from diagnosis to prognosis with acute decompensated heart failure and cardio-renal syndrome	
Satellite Symposium organised by Inverness Medical	

Special Sessions

Award Ceremony.....	94
Clinical Trial Forum.....	83
Difficult clinical decisions: the experts'views on managing mitral insufficiency and aortic stenosis.....	27
Hyde Park Corner.....	94
Opening Ceremony.....	14

Translational Sessions

Biomarkers in heart failure today.....	140
and tomorrow	
Supported by BG Medicine in the form of an unrestricted educational grant	
Exercise training in heart failure.....	22
Heart failure with preserved ejection.....	144
fraction	
New Drugs on the horizon I.....	33
New Drugs on the horizon II.....	86
PDE-5 inhibition in heart failure.....	28
What goes wrong in heart failure with.....	92
preserved ejection fraction?	

-  Main Sessions
-  Special Sessions
-  Joint Sessions
-  Translational Sessions
-  Educational / Training Sessions
-  Nursing Sessions
-  French language Sessions
-  Basic Science / ISHR Sessions
-  Abstract Sessions
-  Industry Sponsored Sessions

Chairpersons

Name / Page Number

Anker S.D.....	35, 140	Eisner D.A.	87
Avkiran M.....	33, 93	Ekman I.	28, 32
Bax J.J.....	88	Engelhardt S.	22
Baxter G.F.	83	Eschenhagen T.	83, 95
Benjamin I.	19	Ferdinandy P.	140
Bers D.M.....	87	Filippatos G.S.	24, 88, 91
Bishopric N.H.....	140	Flather M.	27
Brand T.	141	Follath F.	18
Brugada Terradellas J.	17	Fonarow G.C.	27
Brunner-La Rocca H.P.....	18, 28	Fonseca M.C.	21
Brutsaert D.L.	13, 92	Francis D.	25
Burnett Jr J.C.	18	Fraser A.G.....	27
Calvo Rojas G.....	81	Fruhwald F.M.	143
Carrier L.	19	Garcia-Dorado Garcia D.	83, 145
Chlopicki S.	34, 140	Gheorghiade M.	21
Cohen-Solal A.....	22, 143	Gotthardt M.....	87
Condorelli G.....	22, 94	Griffiths E.J.....	23
Cowie M.R.	13, 88	Harding S.E.....	34, 144
Dahlstrom U.G.	86, 139	Harjola V-P.....	32
Dargie H.J.....	82	Hasenfuss G.....	33, 144
de Groote P.....	18	Henderson D.J.....	141
De Keulenaer G.W.A.....	93	Hirsch E.	29, 92, 94
De Windt L.J.	33	Hobbs F.D.R.....	94, 139
Deaton M.C.	28	Hori M.	17
Derumeaux G.A.	143	Hughes A.....	29
Di Lisa F.....	23, 145	Jaarsma T.	32
Dickstein K.	24, 88, 96, 139	Janssens S.	19, 29
Diez Martinez J.....	92	Jondeau G.....	13, 83
Doevendans P.A.F.M.	19	Keren A.	139
Drexler H.	81, 83	Komajda M.	13, 14, 89
Dubourg O.....	139	Kremastinos D.T.....	140

Chairpersons

Name / Page Number

Krum H.	27	Rademakers F.E.	27
Lainscak M.	87	Rasmusson K.	86
Leclercq C.	91	Rauchhaus M.	32
Limbouurg F.P.	92	Ravens U.	144
Logeart D.	22	Riley P.R.	92
Maggioni A.P.	21, 26, 81	Roland E.	17
Massie B.M.	21, 139	Ryder M.	82, 87
McDermott B.J.	34, 140	Samuel J.L.	94
McDonagh T.A.	21, 35	Schneider M.D.	95
McMurray J.J.V.	14, 21, 24, 33, 96	Seferovic P.	81
Mercadier J.J.	34, 93	Shah A.M.	86, 94
Metra M.	89	Sliwa-Hahnle K.	81
Mohacsi P.J.	89	Spinarova L.	22
Motro M.	25	Stellbrink C.	17
Mueller C.	89	Stromberg A.	33, 86
Murin J.	32	Swedberg K.	24, 91
Nanas J.	84, 86	Tavazzi L.	24, 32
Neglia D.	30	Tendera M.	19, 21
Neyses L.	87	Thore V.	14
Nieminen M.S.	86	Travers B.	30, 33
O'Connor C.	17, 28	Trochu J-N.	14, 143
Oliva F.	91	Vachier J L.	13
Papp Z.	144	Valen G.	92
Paul M.	29	Van Der Wal M.H.L.	82
Paulus W.J.	30, 144	Vardas P.E.	13
Peker Y.	88	Vasiljevic-Pokrajcic Z.	91
Pfeffer M.	81	Voors A.A.	84
Piérard L.A.	22, 27	Willenheimer R.	96
Pieske B.M.	144	Zannad F.	24, 91, 96
Ponikowski P.	17, 25, 143		
Pressler S.J.	94		

- Aakhus S.: 522, 535, 540
Aarones M.: 522, 535, 540
Aaronsen J.M.: 1264
Aass H.: 535, 540
Aasum E.: 610
Abdalah R.: 1502
Abdallah Y.: 799, 1250, 1559
Abdelfatah E.: 1523
Abdelfattah I.: 599
Abdellah A.T.: 100, 1474
Abdelsamad A.: 491, 491, 1543
Abdullaev T.: 573, 574
Abecasis M.: 185
Abecasis J.: 908
Aberer E.: 1524
Aberkhane L.: 1094
Abid L.: 1192
Abi-Saleh B.: 96
Abozguia K.: 597, 1561
Abraham W.: 520, 537
Abramczuk E.: 165
Abramczyk P.: 1536
Abreu A.: 916, 1215, 1219
Abreu J.: 528, 548
Abriel H.: 233
Abukaresh R.: 1240
Abulhul E.: 1388
Adamcova M.: 249
Adamiec M.: 1428, 1430
Adamopoulos S.: 113, 120
Adams K.F.: 1488
Adams V.: 251
Adamyan K.G.: 58, 565, 1390, 1396
Adir Y.: 1416, 1417
Adlbrecht C.: 1420, 1427
Admon D.: 181, 1383
Adorisio R.: 803
Adureira A.J.: 507
Afanas'ev S.: 1566
Afanasyev B.: 434, 1376
Affatato A.: 754, 1087
Afzal F.: 1539
Agarwal N.: 463
Ageev E.T.: 156
Agelidis G.: 821
Aggelis A.: 1472
Aggelopoulos P.: 566, 815, 1148, 1167, 1177, 1185, 1193, 1199, 1384, 1462
Aggio S.: 475, 494, 543
Agha S.A.: 216
Agladze R.: 1217
Agmon Y.: 35
Agoston Coldea L.: 1377
Agren S.: 401, 656
Agullo E.: 707, 1551
Ahmed A.: 159, 741, 882
Ahmed C.M.: 1486
Ahmed I.: 597, 1561
Ahmed M.: 882
Ahmed M.S.: 1563
Aidonidis G.: 764
Airan B.: 1400
Akagami T.: 1233, 1587
Aksentijevic D.: 710
Al-Akawi Z.: 1499
Al-Backer T.: 900
Albaladejo-Oton M.D.: 792, 885
Albanese M.C.: 118
Albuquerque A.: 888, 1097, 1473
Alcocer L.: 1153, 1154, 1155
Aleixo A.: 908
Aleksova A.: 414, 418
Alemanni M.: 969
Alexandrescu C.: 201
Alexandridis E.: 466
Alexopoulos G.: 150
Algado J.: 1079
Alhiti H.: 1532
Ali A.: 195
Ali M.: 1298, 1486
Ali N.N.: 613, 663, 961, 962
Ali R.: 95
Ali T.: 195
Ali Zadeh K.: 550
Alissafi T.: 1391
Alivizatos P.A.: 113, 120
Alizade I.G.: 1202
Alizadeh L.: 563
Aljabri M.B.: 284
Alla F.: 749
Allen L.A.: 733, 745, 862
Almeida A.R.: 486, 1526
Almeida F.: 468
Almeida J.: 468, 834, 1149
Almeida S.: 486, 1526
Al-Mulla A.: 296, 900
Al-Najjar Y.: 209
Alom Ruiz S.P.: 282, 629
Alonso-Pulpon L.: 1071, 1072
Alshibaya M.D.: 205
Altenberger J.: 692
Alter P.: 439
Altimir S.: 402
Alves S.: 417
Alzueta J.: 458, 514
Amador P.: 493, 496, 1482
Amaritakomol A.: 128, 1095
Amato A.: 142
Ambrosetti M.: 1162
Ambrus N.: 1519
Amici E.: 822, 832, 860
Amir O.: 1076, 1416, 1417, 1582
Amirimoghadam Z.M.: 294
Amiry-Moghaddam M.: 1248
Ana Martin A.M.: 915, 1574
Anastasiadis G.: 1415
Anastasiu M.: 844, 1494
Ancsin B.: 87, 886, 892, 1081
Andersen G.O.: 951
Andersen M.K.: 868
Andersson B.: 489
Andor M.: 1535
Andrag E.: 235, 236
Andre K.: 52
Andreassen A.: 34, 183
Andreev D.A.: 1101
Andrei I.M.: 1179, 1196
Andreou I.: 634
Andreozzi V.: 1215, 1219
Andric V.: 811, 852
Ang K.L.: 1404
Angelini G.D.: 617, 1249, 1557, 1578, 1579
Anguita-Sanchez M.: 1071, 1072, 1088
Angwald E.: 489
Anilkumar N.: 629, 1254
Anker S.D.: 78, 159, 251, 619, 720, 741, 882, 887
Ansalone G.: 513
Anselme F.: 530
Antebi A.: 1076
Antier D.: 943
Anton M.: 1496
Antonchenko I.: 861
Antoniades C.: 83, 167, 1422
Antoniades L.: 421
Antonica L.: 822
Antonini L.: 504
Antonio N.: 110, 121, 133, 210, 471, 539, 770, 1450, 1467
Antoniou E.: 177, 821
Antonopoulos A.: 167, 1422
Antonoulas A.: 435
Antypas K.: 150
Anzalzone R.: 1274
Apor A.: 557
Apostolovic S.: 31, 536, 547, 903, 1203
Aquaro G.D.: 428
Arad M.: 230, 231, 298

Abstracts Authors

Name / Index Number

- Aragao L.A.: 1480
 Arapi S.: 1080, 1224
 Arashi H.: 742
 Araujo I.: 139, 153, 172
 Araujo J.P.: 134, 1382
 Araujo V.: 293
 Arbustini E.: 370, 420, 588, 1402
 Archodakis S.: 1167
 Ardissino A.D.: 1527
 Arenas M.: 654
 Argenziano M.: 55
 Argiles J.M.: 619
 Arioli F.: 82
 Arisi A.: 1411
 Armstrong D.W.: 467, 487
 Arnold M.: 1142
 Arnous S.A.: 1197
 Aronsen J.M.: 843, 1539
 Aronson D.: 35, 883
 Arora S.: 183
 Aroutunov A.G.: 777
 Arretini A.: 572
 Arrighini D.: 1135
 Arrigo F.: 511
 Arroja I.: 908
 Arrow Y.: 1126
 Artemenko N.R.: 1386
 Artemenko S.: 1401
 Artigas-Feliu R.: 1072
 Arusoglu L.: 738
 Arutyunov A.G.: 1468
 Arutyunov G.P.: 132, 141, 196, 1435, 1514
 Arya S.: 551
 Asai K.: 219, 768, 940
 Ascoop A.K.A.: 1114
 Ashikhmin Y.I.: 194
 Aspromonte N.: 712, 740, 881, 1171, 1182
 Assyag P.: 143, 146, 147, 1443, 1444, 1449, 1452
 Ata N.: 85, 169, 302, 818
 Ata S.H.: 1264
 Atassi F.: 628
 Athanasopoulos L.V.: 805
 Athanasopoulou S.: 1167, 1385, 1387
 Athanasoulis T.H.: 103
 Athanassopoulou S.: 812, 1148, 1472
 Athar M.S.: 90, 1176
 Athias P.: 963
 Atkin P.: 399
 Attramadal H.: 1563
 Aubaily C.: 563
 Audibert Mena L.: 1106
 Audigane L.: 277
 Aughton K.L.: 1271
 Aukrust P.: 34, 183, 522, 1563, 1590
 Aupetit J.F.: 808
 Avdeev Y.: 410
 Averina V.: 51, 125
 Avgeropoulos G.: 220, 901
 Avkiran M.: 1259
 Avlas O.: 1593
 Avram S.: 1496
 Aydin A.: 767
 Aypar E.: 614
 Azanjac A.: 972
 Azarnik H.: 550
 Azarov J.E.: 965, 966
 Azenha Balhau Jorge E.: 780
 Azevedo A.: 134, 197, 1382, 1564, 1565
 Azevedo J.C.A.: 587
 Azevedo O.: 468
 Azevedo O.: 834, 1149
 Azevedo P.: 1183
 Azman W.: 90, 1176
 Azuaje F.: 914
 Azucena C.: 112
 Baartscheer A.: 264
 Babalis D.: 78, 840
 Babenko E.: 434
 Bacal F.: 203, 1120
 Bacchelli S.: 1141
 Back J.Y.: 774
 Backs J.: 385
 Backx P.H.: 964
 Bacova B.: 1368
 Badano L.: 118, 398, 1453
 Bader A.: 1150, 1190
 Badila E.: 1137
 Badosa N.: 693
 Badran H.: 459, 599, 1454, 1523
 Baek S.: 802
 Bagreeva S.: 1491
 Bahadir B.: 767
 Baharvand B.: 923
 Bahl V.K.: 70, 776, 1117, 1392
 Bajraktari G.: 1465
 Bakardgieva K.: 800
 Bakardjieva K.: 890
 Bakhshaliyev A.B.: 1205
 Bakogiannis C.: 167, 1422
 Balagna M.E.: 826
 Balahonova T.: 1398, 1399
 Balbarini A.: 1135
 Balieiro H.M.: 1138
 Balieiro H.: 1144, 1502
 Balieiro T.L.: 1138, 1144
 Balk A.H.: 223, 399
 Balkova P.: 611
 Balla C.: 126
 Ballo P.: 485, 1453
 Ballotta A.: 204
 Balmain S.: 1409
 Balogh A.: 957, 1366
 Balse E.: 233, 234
 Balzarini L.: 502, 538
 Banasiak W.: 207, 221, 1223, 1234, 1421, 1508, 1510
 Banjac N.: 972, 974
 Banovic M.: 457, 772
 Baptista R.: 110, 133, 210, 780, 1460, 1467
 Bara C.: 1451
 Baracca E.: 543
 Baraldo A.: 1239
 Barancik M.: 1368
 Baranowski R.: 165
 Barba I.: 1551
 Barbary A.: 459
 Barbash I.M.: 1284
 Barbati G.: 224, 412, 413, 414, 867, 1447
 Barbato G.: 59
 Barbier P.: 1453
 Barczy G.Y.: 557
 Bardswell S.C.: 594
 Bargelli V.: 591
 Barison A.: 428
 Barlagiannis D.: 559
 Barnas C.: 295
 Barnett O.: 1571
 Barone A.: 89
 Barra S.: 68, 755
 Barrera A.: 458
 Barrera-Cordero A.: 514
 Barrere C.: 606
 Barrere-Lemaire S.: 606, 608
 Barreto A.C.P.: 432
 Barro S.: 740
 Barsotti A.: 140, 744
 Bart B.B.: 1188
 Bartczak A.: 1156
 Bartesaghi G.: 176
 Barthez O.: 431, 433
 Bartos D.: 1137
 Barua A.: 1237
 Baruah R.: 1512
 Barudic N.: 974
 Bas Villalobos M.: 111
 Basso E.: 262
 Bastos C.: 153, 172
 Bastos D.B.: 1480
 Basu R.: 278, 930
 Batalov R.: 861
 Batista R.: 770, 1450
 Battle Perales M.: 1576
 Battisti S.: 504
 Battler A.: 184, 299

Abstracts Authors

Name / Index Number

- Batyrallyev T.A.: 130
 Baudoin-Stanley F.: 1261
 Bauer F.: 247
 Bauer W.: 524
 Bauer F.: 530
 Baugh J.: 137, 813, 833, 1388, 1592
 Bax J.J.: 451, 1446
 Bay M.: 691
 Bayes-Genis A.: 186
 Bazhan S.S.: 1406
 Bazzani C.: 483
 Bean K.: 808
 Becher P.M.: 1585
 Becker D.: 557
 Beckers F.: 808
 Beckers P.: 630, 664, 1378, 1522
 Begitt A.: 945
 Behrens S.: 115
 Bekedam M.A.: 1210
 Beladan C.C.: 33
 Belenkov Y.U.: 1398, 1399
 Belenkov I.U.N.: 1406
 Belleslin B.: 480
 Belevestis T.H.: 546
 Belij S.: 434, 1376
 Bellini F.: 448, 866, 1135, 1242
 Bellusci F.: 59
 Belohlavek J.: 127, 735
 Belu E.: 904, 1129, 1442
 Belu V.: 1129
 Belyavskiy E.: 1398, 1399
 Ben Dor I.: 299
 Ben Gal T.: 184, 299
 Bencsik P.: 252, 1550, 1553, 1573
 Bendinelli P.: 526, 1242
 Benedek I.: 1407
 Benedek I.S.: 426, 1407, 1461
 Benedek T.: 426, 1407, 1461
 Benes J.: 616
 Ben-Mordechai T.: 1287
 Bennet A.: 218
 Bennett A.: 913
 Benoist D.: 268
 Benson V.: 272
 Benvenuti D.: 1242
 Beomonte-Zobel B.: 395
 Berdeaux A.: 921, 1371
 Berezki E.: 609
 Berg G.: 248
 Bergamini C.: 824
 Berge R.K.: 610
 Berger R.: 1073
 Bergmann A.: 762, 804, 1423
 Berisha V.: 1465
 Berisha B.: 1487
 Berliner D.: 444
 Bernard M.: 273, 276
 Bernard A.: 464
 Bernardes A.: 554
 Bernardes S.: 1138
 Bernardez S.: 88, 1091, 1502
 Bernardi P.: 262
 Bernardino L.: 493, 496, 1482
 Bernus O.: 268
 Berry C.: 1409
 Bernstein L.: 897
 Bertaux G.: 433
 Berthier F.: 456
 Bertolino N.D.: 423
 Bertoluzzi T.B.: 422
 Bertomeu V.: 839, 1434, 1436
 Bertomeu Gonzalez V.: 212
 Bertomeu Martinez V.: 212
 Bertora D.: 456, 1064
 Besik J.: 280
 Besikci A.: 241
 Bester D.J.: 270, 271, 578
 Bestetti R.: 422, 423
 Bettari L.: 763, 771, 784
 Bettencourt P.: 134, 197, 1184, 1382
 Bettini F.: 204
 Beyaztas A.: 169, 302
 Beyaztas S.: 302
 Beyersdorf N.: 1364
 Bezirkan H.: 1150
 Bhamidipati K.R.: 1483
 Bhandari S.: 585, 1252
 Bhargava B.: 1117, 1124, 1392, 1400, 1530
 Bhatia D.: 1132
 Bhatt D.: 216
 Bhavnani S.: 93, 102
 Bialas M.: 1293
 Bianchetti F.: 754
 Bianchi M.: 1595
 Bichir C.S.: 292
 Biddison E.: 1077
 Biegalski W.: 497
 Biel B.: 1508, 1510
 Bigard X.: 1554
 Bilate A.: 267
 Bilbaut J.M.: 963
 Billing E.: 1109
 Bilovol A.: 246
 Binczak S.: 963
 Binder L.: 848
 Birba D.: 403
 Birdane A.: 85, 169, 302, 818
 Birmipa D.: 869
 Bistola V.: 179, 403, 869, 875
 Bitter T.: 880
 Bittnerova A.: 1577
 Bize A.: 921
 Blair J.E.A.: 752
 Blanco R.: 57, 186
 Blankova Z.N.: 156
 Bleotu C.: 1496
 Blesneac C.: 1534
 Bloch K.D.: 287
 Block Thomsen P.: 51, 125
 Blondhaim D.: 732
 Bloom H.: 57, 65
 Bloomfield D.: 131, 731
 Bluj E.: 658, 1152
 Bobrov A.: 408
 Boccacini A.R.: 613
 Bocchi E.A.: 190, 203, 217, 292, 432, 714, 1120, 1511
 Boczan J.: 633
 Bodi V.: 695
 Boengler K.: 955
 Boenstrup M.: 623
 Boesch C.C.: 1130
 Bogosavljevic O.: 1471
 Bohdan M.: 658, 1152
 Bohm M.: 385, 1555
 Boivin V.: 444, 576, 577, 1364
 Bolcum D.: 1078, 1083, 1089
 Bombardieri S.: 807
 Bonakdar H.R.: 550
 Bonanad C.: 695
 Bonapace S.: 824
 Boner R.B.: 1197
 Bongiorno M.G.: 519, 526
 Bontorin M.: 884
 Boonstra A.: 1210
 Borbely A.: 1565
 Borchert G.H.: 927
 Borch E.: 591
 Borelli G.: 448, 526, 866, 1135, 1242
 Borghi C.: 1141
 Borgulya G.: 863
 Boriani G.: 513
 Boricic-Kostic M.: 457
 Borodulin-Nadzieja L.: 221, 1234, 1421, 1508, 1510
 Boronat-Garcia M.: 783, 792, 885
 Borsanyi T.: 87, 886, 892, 1081
 Bosch C.: 873, 1096

Abstracts Authors

Name / Index Number

- Bossone E.: 204
Boudjema K.: 1466
Boudoulas H.: 193
Boudrez H.B.: 1114
Boulogne E.: 513, 515, 519, 527, 532, 537
Bover Freire R.: 97, 111, 1139, 1145
Bowell S.: 1130
Boyce F.: 1220
Boyne J.J.: 1103
Bozinovic S.: 1471
Bracho M.: 1125
Braga P.: 1097
Bragadeesh T.K.: 215
Bragato R.: 538
Brain S.D.: 629
Brakenhielm E.: 247
Bramanti O.: 511
Branco L.: 528, 529, 916
Branidou K.: 1201
Branzi G.: 446
Brasolin B.: 170, 171
Braunschweig F.: 108, 297
Breithardt G.: 49
Breivik L.: 1558
Brennen G.: 74, 453
Brewer A.: 282, 629, 1254
Briceno S.: 1125
Brigido S.: 414
Brili S.: 1472
Brilli S.: 1462
Brink M.: 229, 387, 971, 1363
Brinon B.: 1295, 1296
Britchford G.: 1126
Brito D.: 588
Brodie D.A.: 138
Brodmann M.: 1524
Brogioni S.: 947
Bronze L.: 908
Brouns A.E.: 934
Bruckner I.: 1496
Brugada J.: 56
Bruguera-Cortada J.: 693
Bruixola G.: 695
Brun F.: 867
Bruneval P.: 1371
Brunner-La Rocca H.P.: 561
Bruno N.: 170, 171
Bruno V.D.: 1578
Bruthans J.: 1121
Bruun N.E.: 164
Bruyndonckx L.: 1522
Brzezczynska J.: 1236
Buckley U.: 101
Buechert A.: 955
Buehler K.: 387, 950
Bugatti S.: 763, 771, 784
Buiatti A.: 418
Buiciuc O.: 226
Bui-Xuan B.: 973, 1244
Bun S.S.: 273
Burazor I.: 1477
Burazor M.: 1477
Burckhoff D.: 50
Burgess M.I.: 154
Burkard T.: 561
Burkhoff D.: 1446
Burnos S.: 434, 1376
Buser P.: 229
Bussani R.: 224
Butler J.: 216, 466, 479, 751
Butz T.: 506, 716
Bylova N.: 132, 141, 196, 1514
Byrne J.: 833
Bystrzycki A.: 827
Cabanes R.: 402, 654, 895
Cabiati M.: 850, 854
Cabral C.: 288
Cabras R.: 469
Cabrera Bueno F.J.: 458, 514, 568, 1071, 1088
Cacko A.: 1441, 1500
Caeiro D.: 888, 1097, 1473
Caetano A.: 755
Cagalinac M.: 946
Caira C.: 170, 171
Cairns C.: 808
Calabro' P.: 590
Calabro' R.: 590
Caldwell J.: 95
Caliari E.: 107
Calin A.: 33
Calin C.: 820
Calin C.L.: 1178, 1195
Caliskan K.: 92
Calo L.: 513, 520
Calo Carducci F.: 192, 803
Calvi V.: 553
Calzolari M.: 89, 549
Cameron P.: 827
Caminiti G.: 1411, 1492
Campana C.: 1402, 1531
Campelo M.: 293
Campolo J.: 854, 1595
Campos J.: 129
Camus C.: 1466
Canario-Almeida F.: 834, 1149
Candelieri A.: 1086
Candido Martin Luengo C.M.L.: 915, 1574
Cano L.: 402, 654, 895, 1096
Canton M.: 1568
Caporotondi A.: 889
Capotosto L.: 461
Cappellini M.D.: 492
Caputo M.: 1249, 1578, 1579
Caranci F.: 461
Carasca E.: 1516
Carasso S.C.: 109
Carboni G.P.: 395
Cardiga R.: 64, 139
Cardinalli Neto A.: 422, 423
Cardoso J.N.: 558
Carey S.: 511
Carestiato L.: 587
Carey M.: 1102
Carlsen C.M.: 691
Carlson C.R.: 948, 1538
Carmeliet P.: 666
Carnicelli V.: 253
Carnicka S.: 227, 259
Carp A.: 567
Carp I.: 844
Carpi A.: 262
Carpinteiro L.: 523
Carr R.: 1247
Carrageta M.: 486, 1526
Carratala M.J.: 1079
Carrier L.: 390, 588
Carrillo X.: 873, 1096
Carrington M.: 415
Carson J.: 1115
Cartwright E.J.: 1261
Carubelli V.: 754
Caruso R.: 854, 1595
Casadei I.: 832
Casali G.: 182
Casella M.: 513
Casella G.: 1087
Caselli C.: 850, 854
Cassin M.: 1087
Cassina T.: 1504
Cassinerio E.: 492
Castel M.A.: 206
Castel Lavilla M.A.: 56
Castellanos T.: 1125
Castelvecchio S.: 204
Castillo L.: 1419
Castillo Martinez L.: 162, 163, 909, 910
Castro Fernandez A.: 437
Castro-Beiras A.: 932, 1088
Castro-Chaves P.: 254, 1251
Castrogiovanni F.: 448, 1242
Catanzariti D.: 94
Catanzaro R.: 214
Cattabiani A.C.: 1527

Abstracts Authors

Name / Index Number

- | | | | |
|--------------------------|---------------------------|---------------------------|----------------------------|
| Cavazzana I.: 483 | Chen C.: 935 | Choi E.Y.: 470, 1218 | Clark A.L.: 100, 209, 215, |
| Cave A.C.: 954, 968 | Chen K.: 281 | Choi H.E.: 427 | 218, 371, 564, 801, 804, |
| Cavusoglu Y.: 85, 169, | Chen Q.: 613 | Choi H.H.: 896 | 913, 1126, 1474 |
| 302, 818 | Chen T.P.: 255 | Choi I.S.: 1470 | Clark J.E.: 706, 1268 |
| Cecil R.: 429 | Chen Y.: 665 | Choi J.H.: 718 | Clarke B.: 95 |
| Ceia F.: 64, 139 | Chenderes R.M.: 841 | Chou W.: 174 | Clarke K.: 276 |
| Celeiro M.: 486 | Chenoune M.: 921 | Chovganyuk O.S.: 1386 | Clarke K.W.: 1483 |
| Celestini A.C.: 881 | Cheporko Y.: 231 | Christ T.: 1258, 1289 | Clave G.: 1541 |
| Celic V.C.: 1226 | Chepurko Y.: 230, 1593 | Christensen G.: 369, | Cleland J.G.F.: 100, 215, |
| Cellamaro T.: 866 | Cherif M.: 1249, 1578, | 1538, 1590 | 218, 223, 371, 399, 517, |
| Celovska D.: 173 | 1579 | Christodoulou K.: 421 | 521, 562, 564, 801, 804, |
| Cemerlic Adjic N.: 1187 | Chermont S.: 69, 88, | Chrysohoou C.: 566, | 913, 1126, 1132, 1474 |
| Cemin C.: 94 | 1091, 1208, 1209, 1480, | 812, 815, 1068, 1148, | Clemens M.: 534 |
| Centeno A.: 932 | 1502 | 1167, 1177, 1185, 1193, | Clements I.P.: 545 |
| Cerbai E.: 591, 947 | Chernaya Z.A.: 132 | 1199, 1384, 1385, 1387, | Clements S.: 696 |
| Cerboni P.: 1533 | Cherniavskiy A.: 98 | 1458, 1462, 1472 | Clemenza F.: 191 |
| Ceribelli A.: 483 | Cherniavsky A.: 1401, | Chuan F.: 1074 | Clerico A.: 807 |
| Cerquetani E.: 822, 832, | 1403 | Chumburidze S.H.: 178 | Clerk A.: 1365, 1591 |
| 860 | Chernov V.: 66, 541 | Chung N.: 856, 1218, | Cleron P.: 147, 1443 |
| Cerri A.: 502, 538 | Chetboul V.: 1371 | 1448 | Cleutjens J.P.: 934 |
| Cerrito A.: 1411, 1492 | Chetta A.C.: 1527 | Chung N.S.: 470 | Climent V.: 405 |
| Cervenak L.: 1518 | Chevalier P.: 973, 1244 | Chung W.J.: 1470 | Clodi M.: 1168 |
| Cevese A.: 1239, 1240 | Chiari E.: 469, 483 | Chuyasova Y.: 1528 | Clyne CA.: 93 |
| Chacko S.: 1130 | Chiatto M.: 712, 740 | Chvojka J.: 1570 | Clyne C.: 102 |
| Chacon S.C.: 1480 | Chiellini G.: 253, 947 | Chvojkova Z.: 280 | Cockinos D.V.: 113, 120 |
| Chae S.C.: 624 | Chinaglia A.: 739, 1087 | Chwosta A.: 1190 | Coelho L.: 121, 471, 539 |
| Chaggar P.: 180 | Chioncel O.: 567, 717 | Ciadli C.: 1163 | Coenen S.: 1378 |
| Chai P.: 1122 | Chioncel V.: 844, 1178, | Ciampi O.: 734 | Cogliandro T.: 59 |
| Chaidaroglou A.: 1425 | 1494 | Cicala M.: 214 | Cohen S.: 1285 |
| Chalikias G.: 193 | Chipashvili M.: 970 | Ciccarese C.: 754 | Cohen-Solai A.: 143, 146, |
| Chambers A.J.: 256 | Chiriaco T.: 832 | Cichon R.: 484 | 147, 749, 1443 |
| Chambers D.J.: 256 | Chisci R.: 1255 | Cichon M.: 808 | Cokkinos D.V.: 503, 655, |
| Chambers C.: 1078 | Chitu M.: 426, 1407, | Cicogna S.: 504 | 805, 1425, 1541 |
| Chamkin S.M.: 965 | 1461 | Cicoira M.: 824 | Cole M.: 276 |
| Champion H.C.: 625 | Chizynski K.: 823, 1503 | Cider A.: 489 | Coleman C.: 93 |
| Chamuleau S.A.J.: 1297 | Chizzola P.R.: 203, 217, | Gilesiz D.: 409 | Coleman C.I.: 102 |
| Chan P.S.: 733, 745 | 292, 714 | Cimbaro Canella J.P.: 712 | Colin E.: 1419 |
| Chan T.: 665, 1584 | Chlapoutakis G.: 840 | Cinca J.: 1280 | Colin Ramirez E.: 909, |
| Chang C.Y.: 853 | Chlopicki S.: 1366 | Ciobanu N.V.: 1414 | 910 |
| Chao S.F.: 853 | Chmelikova M.: 1575 | Ciomag R.: 820 | Collier P.: 813, 833, 1388 |
| Chapman C.: 1104 | Cho M.C.: 603, 604, 718, | Cipolla L.: 1255 | Collier P.H.: 1592 |
| Charlemagne D.: 583 | 837, 838, 1291, 1292 | Cisternino P.: 857 | Collins S.: 765 |
| Charron P.: 830 | Choi B.Y.: 603, 604 | Civaia F.: 201 | Colombo T.: 122 |
| Chase A.: 617 | Choi D.H.: 470 | Civinskiene Genuvaite | Colomina Climent F.: 212 |
| Chatzikyriakou S.: 193 | Choi D.J.: 603, 604, 718, | D.R.: 1238 | Combes S.: 608 |
| Chaubey S.: 968 | 837, 838, 1291, 1292 | Cladellas M.: 693 | Comerci G.: 809 |

Abstracts Authors

Name / Index Number

- Comin-Colet J.: 693, 1147
 Comisso J.: 543
 Compagnon P.H.: 1466
 Conde Y.: 461
 Conforti D.: 1086
 Connell J.M.C.: 696
 Conraads V.: 91
 Conraads V.M.: 664, 1378
 Conraads V.: 1522
 Constantinou L.: 1100
 Conte L.: 475, 494
 Conti U.: 462, 485
 Conti A.: 785
 Contractor H.: 95
 Contrafatto I.: 518
 Contre C.: 143, 146, 147, 1443
 Cook T.: 752
 Coppinger T.: 1583
 Coquelin H.: 808
 Corbellini D.: 889
 Corbi M.: 879
 Cordero M.: 206
 Coriu D.: 717
 Correia C.E.: 288
 Correia E.: 798
 Correia A.: 1183
 Cortes R.: 473, 835, 839, 967, 1379
 Cortes Garcia M.: 1143, 1146
 Cortez-Dias N.: 523, 554
 Cosentino E.R.: 1141
 Costa D.: 622
 Costa G.: 755
 Costa M.: 797
 Costa R.: 105
 Costa S.: 151
 Cotella D.: 1275
 Cotrim C.: 486, 1526
 Cotter G.: 731, 750
 Coulombe A.: 233, 234
 Coulton S.: 657
 Couvreur N.: 921, 1371
 Covic A.: 825
 Covini D.: 151
 Covolo L.: 60, 512
 Cowie MR.: 91, 112, 556, 1104
 Cozma D.: 407
 Cozma C.: 460
 Cozma D.: 855, 1172
 Cozma D.C.: 1464
 Cozzone P.J.: 273, 276
 Cradock K.: 1082
 Craig M.: 1227
 Cransac F.: 606
 Crespo M.: 1147
 Crespo-Leiro M.G.: 1071, 1072
 Cribier A.: 530
 Cristea A.: 1381
 Cristescu A.: 569
 Cristovao J.: 121, 471, 508, 539
 Cronin E.: 1102
 Crowley J.: 1070
 Crowley J.C.: 1197
 Crowther N.: 1235
 Cruz FD.: 292, 1511
 Cruz Fernandez J.M.: 437, 836
 Cruz Ferreira R.: 528, 533
 Csanadi Z.: 534
 Csanyi G.: 1366
 Csonka C.: 270, 271, 1553
 Csont T.: 252, 270, 271, 609, 614, 1550, 1573
 Cuello F.: 1259
 Cullingford T.E.: 1365, 1591
 Cullington D.: 100, 215, 399, 804
 Cunha P.: 417, 525
 Cunha-Neto E.: 267
 Cuoccio P.: 446
 Cup J.: 409
 Cura A.: 1555
 Curnis A.: 60, 512
 Curtis M.J.: 235, 236
 Curtis M.K.: 954
 Cuvello-Neto A.: 292
 Cvijanovic D.: 455
 Czibik G.: 1248
 Czikora A.: 633
 Czont T.: 953
 Czuriga D.: 957
 D'Ambrosi A.: 170, 171
 Da Silva N.: 548
 Dabew E.: 1555
 Dadashova G.: 1205
 Daha I.C.: 1201
 Dahl C.P.: 34, 1590
 Dahl M.B.: 369
 Dalal D.: 1077
 Dalmasso C.: 276
 D'aloia A.: 469
 Daly K.: 1070
 Daly K.D.: 1197
 Dalzell J.R.: 248
 D'amati G.: 591
 Damico E.A.: 432
 Damjanovic M.: 903
 Damjanovic S.: 1479
 Damy T.: 218, 371, 452
 Damy D.: 913
 Damy T.: 1119
 Dan R.: 1464
 D'ancona G.: 191
 Daniels A.: 934
 Dankowski R.: 497
 Danon D.: 1287
 Dany F.: 1094
 Dar O.: 1104
 Darago A.: 633, 633, 941
 Dargie HJ.: 696
 Darladimas J.: 1385, 1458
 Darmellah A.: 960
 D'aroma A.: 504
 Dart A.M.: 942
 Daubert J.C.: 464, 521
 David M.: 1582
 Davidovic N.: 811, 852
 Davidson P.M.: 1105
 Davidson S.M.: 958, 1243, 1245, 1372
 Davidson M.M.: 1580
 Davies R.: 55
 Davies A.D.: 1270
 Davinelli M.: 543, 553
 Davis G.: 195
 Davison Weatherley B.: 750
 Davos C.H.: 1391
 Dawkins I.: 137, 1078, 1083, 1089
 Dawood EIED.: 441
 Dawson D.: 938
 De Benedetto G.: 1504
 De Berardinis G.: 504
 De Bernardi A.: 826
 De Biaggio P.: 118
 De Boer R.A.: 1506
 De Carvalho Frimm C.: 939
 De Chiara B.: 1595
 De Feo S.: 515, 527, 531, 532, 544, 1151, 1160, 1162
 De Gregorio C.: 398
 De Groote P.: 1131, 1444, 1449, 1452
 De La Guia F.: 1079
 De La Morena G.: 405
 De Man FS.: 912
 De Marco E.: 809
 De Maria R.: 769
 De Maria D.M.R.: 881
 De Maria R.: 1595
 De Pascalis A.: 553
 De Perna M.L.: 526
 De Roest G.: 1067
 De Teresa E.: 458
 De Teresa-Galvan E.: 514, 568, 1071, 1072, 1088
 De Tommasi S.M.: 462, 485
 De Winter M.D.W.: 1114
 De Wit R.: 1103

Abstracts Authors

Name / Index Number

- Deepak K.K.: 1530
 Degiannis D.: 1425
 Degli Esposti D.: 1141
 Degryse J.: 451
 Deharo J.C.: 273
 Dei Cas L.: 60, 469, 483, 512, 754, 763, 771, 784
 Deja M.: 1560
 Dekany M.: 87, 886, 892, 1081
 Dekleva M.: 811, 852, 1226, 1397, 1433
 Del Carlo C.E.: 558
 Del Giudice A.: 590
 Del Ry S.: 571, 850, 854
 Del Taglia B.: 734, 739, 785
 Deleanu D.: 33
 Delga D.: 465
 Delgado J.: 871
 Delgado Silva J.: 828, 1493
 Delisle M.B.: 1569
 Dellaportas A.: 1415
 Delles C.: 248
 Dell'uomo L.: 59
 Delos C.: 1391
 Demerouti E.: 1425
 Demil N.: 1444, 1449, 1452
 Demirustu C.: 85, 169, 818
 Demolombe S.: 1295, 1296
 Demopoulos V.: 479
 Demosthenous M.: 1422
 Den Ruijter H.M.: 264
 Denes M.: 482
 Denisevich T.L.: 425
 Dennert R.: 106
 Dequarti M.C.D.: 1531
 Derossi M.D.: 88
 Derossi M.: 1091
 Descotes J.: 973, 1244
 Despas F.: 715, 1426
 Desrois M.: 276
 Detis N.D.: 1426
 Devaux Y.: 665, 914, 1584
 Deykin A.: 152
 D'hooge J.: 666
 Di Bello V.: 398
 Di Cesare E.: 504
 Di Giampietro I.: 395
 Di Giulio P.: 1108
 Di Lenarda A.: 224, 412, 413, 414, 418, 867, 1447
 Di Lisa F.: 262, 281, 1568
 Di Napoli P.: 140, 744
 Di Pasquale P.: 48, 1476
 Di Pietro V.: 884
 Di Stefano G.: 553
 Di Stefano A.: 1274
 Di Tano G.: 712, 769
 Diab A.: 173
 Diakos N.: 99, 103, 150, 274
 Diakos D.: 1475
 Dias P.: 293, 1184
 Dicandia C.: 553
 Diegoli M.: 1402
 Dieplinger B.: 876
 Dieterle T.: 229, 387, 971
 Dietz R.: 31, 575, 1166
 Dievart F.: 1131
 Diez C.: 402, 895
 Diez J.: 1586
 Dilanian G.: 233
 Dimitriu A.G.: 825
 Dimopoulos A.M.: 634
 Dina O.: 1178, 1195
 Dinca G.: 1457
 Dinckal M.H.: 1194
 Dinda A.K.: 1589
 Dinesh S.V.: 90, 1176
 Dini F.L.: 398, 462, 485, 1453
 Dion R.A.E.: 200
 Dionisio O.: 288
 Dishy V.: 131
 Dittrich H.C.: 731
 Djokovic A.: 1459
 Djordjevic S.: 1459
 Djordjevic Radojkovic D.: 536
 Djordjevic-Dikic A.: 480
 Djordjevic-Radojkovic D.D.R.: 903, 1203
 Djuric D.M.: 972, 974
 Djurkovic M.: 409
 Dlugosova K.: 228, 1368
 Doal A.: 1259
 Dobosiewicz A.: 1536
 Dobrzycki S.: 1513
 Doehner W.: 251, 720
 Doevendans P.A.: 1297
 Dogan A.: 77, 810
 Doi T.: 1233, 1587
 Doletsij A.: 410, 445
 Doletsky A.A.: 1101
 Dolzhenko M.N.: 488
 Dominguez-Franco A.: 568
 Dominici F.P.: 709
 Dominiczak A.F.: 248
 Donal E.: 464, 513, 1466
 Donato F.: 60, 512
 Donato P.: 508
 Donoiu I.: 748, 891
 Donova T.D.: 911
 Donovan G.: 138
 Dor V.: 201
 Dorantes Garcia J.: 909, 910
 D'orazio S.: 461
 Dore H.: 64, 139, 908
 Dormi A.: 1141
 Dorobantu M.: 1137
 Dorscht J.: 524
 D'ortho M.P.: 452, 1119
 Dos Remedios C.G.: 594
 Douskou M.: 503
 Douzenis A.: 179
 Draagen P.W.: 948
 Dragulescu S.I.: 407, 460, 855, 1172, 1464
 Drakopoulos I.: 840
 Drakos S.: 99, 103, 117, 124, 150, 1475
 Drapisz S.: 1212
 Drapkina O.: 194
 Drew B.: 942
 Dritsas A.: 805
 Driva M.: 1224
 Drolias A.: 83
 Drosos D.: 411, 430
 Drossou M.: 1517
 Drozd J.: 1503
 Du X.J.: 942
 Du Toit E.F.: 926, 953
 Dubi S.D.: 109
 Dubois-Rande J.L.: 921
 Dubrey S.W.: 1104
 Ducreux D.: 456
 Dudley S.: 57
 Duengen H.D.: 31, 720, 1166, 1174, 1200, 1424
 Duicu O.: 1556
 Dumitriu I.L.: 825
 Dunlay S.: 733, 745, 862
 Dunn M.J.: 586, 833
 Dunne L.: 1583
 Dunselman P.: 865
 Dursunoglu D.: 114, 114, 1393
 Dusek L.: 758, 793, 794
 Duvinage A.: 1424
 Dworatzek E.: 1581
 Dybkova N.: 1367
 Dyer E.: 580
 E Belu Count.:
 Easley K.: 65
 Ebner B.: 931
 Ebstrup J.F.: 736
 Economou D.: 751
 Edelmann F.: 848, 1065, 1174, 1424
 Eder A.: 623
 Edes I.: 534, 631, 633, 941, 957, 1366
 Edes I.F.: 1366
 Edner M.: 542, 1109
 Edwards N.: 1082, 1112

- Efimova I.: 66
 Efimova N.: 66
 Eftychiou C.: 421
 Eggebrecht H.: 764
 Egstrup K.: 736
 Eicher J.C.: 431, 433
 Eichinger J.: 692
 Eiken H.G.: 1563
 Eimre M.: 602
 Eisermann C.: 115
 Eivindson G.: 119
 Ekman I.: 1116, 1204
 El Haou S.: 386
 El Shaer F.: 1099
 Elami A.E.: 109
 Eldar M.: 230, 231
 Eldifil M.: 1102
 Eleuteri E.: 1274
 Elezi S.: 1465
 El-Haou S.: 233, 234
 Elhenicky M.: 1168, 1420, 1427
 El-Kilany G.: 443
 Elmalky N.: 441
 Elnoamary M.F.: 599
 Elnoamary M.: 1454
 Elosua R.: 1147
 Elshahat N.: 441
 Elvas L.: 121, 471, 508, 539
 Emdin M.: 428, 796, 807, 845, 850, 1216, 1512
 Ena J.: 1079
 Engelbrecht A.M.: 953
 Engstrom T.: 920
 Engstrom-Laurent A.: 269, 1260
 Enjamoori R.: 581, 1589
 Entok E.: 169
 Enzevaia A.: 1092
 Erbel R.: 764
 Erdei T.: 482
 Ernens I.: 665, 1584
 Ertl G.: 576, 577
 Escandon R.: 174
 Eschenhagen T.: 31, 390, 588, 623
 Escher F.: 632, 1369
 Esis C.: 1125
 Eslami B.: 498
 Esmailidehaj M.: 923
 Espinosa L.: 273
 Espitia L.: 1419
 Esquerda N.: 1551
 Esterhuyse A.J.: 270, 271
 Estornell J.: 373, 879
 Estrugo B.: 452
 Ettefagh L.: 1092
 Ettorre E.: 1504
 Evangelista L.: 401, 656
 Evenson A.: 1077
 Ewald G.A.: 1488
 Fabbri G.: 142, 151, 734, 739
 Facchin D.: 118
 Facchini C.: 446
 Facchini M.: 446
 Facciotti F.: 956
 Faes T.J.: 1547
 Faggiano P.: 469
 Fagogenis G.: 878
 Fagyas M.: 631
 Fainblut M.: 1593
 Falcão-Pires I.: 1564, 1565
 Fall S.: 1102
 Fallach R.: 1593
 Falletta C.: 191
 Fallouh H.: 256
 Faludi R.: 1456
 Fang Y.: 247
 Fang S.W.: 255
 Farag N.: 1136
 Fareed W.: 1523
 Faria R.: 798, 902, 1098, 1498
 Farina D.: 469
 Farina F.: 1274
 Farkas J.: 1113
 Farmakis D.: 403, 869
 Fasullo S.: 48
 Favale S.: 214
 Favalli V.: 370, 420
 Faviou E.: 1394
 Fay R.: 52, 517, 521, 719, 749
 Fazelifar A.F.: 550
 Febo O.: 889
 Fechner H.: 632
 Fedele F.: 170, 171
 Fedorco M.: 735
 Fedorov S.: 198
 Fedotov P.: 79
 Fedyk-Lukasik M.: 86
 Feggos S.: 901
 Feinberg M.S.: 298, 1285, 1287
 Fekete V.: 614, 1553, 1573
 Feldman A.M.: 665, 1584
 Feldman D.: 1227
 Feldman M.D.: 1546
 Feliciano J.: 528, 529, 916, 1215, 1219
 Felix S.B.: 257
 Felker G.M.: 30, 711, 737, 750, 757, 795
 Felker M.: 1488
 Felsoci M.: 758, 766, 793
 Feola M.: 712, 740, 1171, 1182
 Ferdinandy P.: 252, 270, 271, 609, 614, 953, 1550, 1553, 1573
 Ferko M.: 279, 946
 Ferlito G.: 739
 Fernandes E.: 629
 Fernandes J.: 1280
 Fernandez F.: 563
 Fernandez-Armenta Pastor J.: 437, 836
 Fernandez-Aviles F.: 872, 894, 1143, 1146
 Fernandez-Pastor J.: 458, 514, 568
 Fernandez-Vivancos C.: 836
 Fernandez-Vivancos Marquina C.: 437
 Ferraironi A.: 881
 Ferrari S.J.: 422
 Ferreira F.: 834, 468, 1149
 Ferreira L.: 1219
 Ferreira M.J.: 508
 Ferreira N.: 888
 Ferreira P.: 798
 Ferreira R.: 64, 139, 217, 254, 529, 548, 916, 1251
 Ferreira R.C.: 417, 525, 1215, 1219
 Ferreira S.A.: 714
 Ferreira S.M.A.: 190
 Ferreira Santos J.: 496
 Ferreira Santos L.: 798
 Ferreira-Martins J.: 1251
 Feuvray D.: 960
 Figueira J.M.: 185
 Figueroa C.: 1153, 1154, 1155
 Fildes J.E.: 180, 1583
 Filice G.: 572
 Filipescu D.: 199, 1445
 Filipiak K.J.: 404, 476, 1441, 1500
 Filippatos G.S.: 159, 179, 403, 711, 741, 750, 757, 869, 875, 882, 887, 1080
 Fino E.: 739
 Fiorelli A.I.: 190
 Fioroni S.: 518
 Fischer P.: 1286
 Fischerova J.: 279
 Fischmeister R.: 1267, 1269
 Flanders J.A.: 234
 Flatebo T.: 1248
 Flather M.: 78
 Flato M.: 623
 Flavell R.A.: 929
 Fliegner D.: 265

Abstracts Authors

Name / Index Number

- Foadaddini M.: 923
Fodi E.: 1456
Foldes G.: 663, 961
Follath F.: 871, 1132
Follese C.: 1484
Fomin V.: 1180
Fonseca A.B.: 1502
Fonseca C.: 64, 139, 908
Fonseca M.C.: 153, 172
Fontana M.: 796, 845, 1216
Fontanella B.: 754
Fontanive P.: 462, 485
Fontes Carvalho R.: 888, 1097, 1473, 254, 1251
Fontes-Sousa AP.: 285
Forgione L.: 590
Forhecz Z.S.: 863, 1518
Forleo C.: 214
Forst S.: 283
Fortin D.: 1554, 1567
Fortin N.: 808
Fortuno M.A.: 1586
Fraczek M.: 1293
Fragasso G.: 82
Franceschini F.: 483
Franceschini L.: 1240
Franchitto N.F.: 715, 1426
Francia P.: 126
Franciosa P.: 461
Francis D.P.: 1512
Franco Pelaez J.A.: 872, 894, 1143, 1146
Franić-Wuerz C.: 1256
Frank R.: 519
Frascarelli S.: 253, 947
Fratini S.: 857
Frederix G.: 1522
Freemantle N.: 517
Freimark D.: 298
Freitas M.: 1460
Frenneaux M.: 597, 1561
Friedrich F.: 588
Frigerio M.: 122, 1595
Frigiola A.: 204
Frigy A.: 1516
Frimerman A.: 732
Frieos F.: 1382
Frisso G.: 590
Fromes Y.: 386
Frtischka S.: 1580
Fruhwald F.M.: 1524
Fu M.: 1260
Fuat A.: 74, 453
Fujii M.: 76, 397
Fujimaki T.: 898
Fujiwara H.: 168, 870
Fujiwara T.: 168, 870
Fukuhara R.: 168, 870
Fukunami M.: 509, 1161, 1490
Fuller W.: 1271
Fulop G.: 557
Funahashi H.: 1509
Funck R.C.: 589
Furber A.: 258
Furuse Y.: 53
Fusco A.: 527, 531, 532, 544, 1151, 1160
Gabe J.P.N.: 1104
Gabor I.: 1178, 1195
Gabriela Stopa G.: 1511
Gabielli FA.: 809
Gabrielsen A.: 593
Gabrielsson M.: 1133
Gabutti A.: 796
Gackowski A.: 81
Gadesam R.: 65
Gago P.: 1098, 1498
Gaiara L.: 176
Gajek J.: 211, 222, 917
Gala A.: 189, 1529
Galagoudza MM.: 239, 240
Galajda Z.: 631, 957
Galan A.: 899
Galatou E.: 1265
Galcikova J.: 259
Galderisi M.: 398, 1453
Galinanes M.: 1404
Galinier M.: 715, 1426, 1444, 1449, 1452
Galjee M.A.: 505
Galli E.: 448
Gallon C.E.: 584
Galrinho A.: 525, 528, 529, 533
Galvin J.: 101
Galyavi R.A.: 819, 846
Galyavich A.S.: 819, 846
Gama P.: 288, 798
Gama V.: 888, 1097
Gama Ribeiro V.: 1473
Gaman I.O.: 1386
Gambarin F.I.: 370, 420, 1402
Gandara F.: 64
Gandjbakhch I.: 563
Gao X.M.: 942
Gaona B.: 1153, 1154, 1155
Garavelli S.: 884
Garcia A.: 206
Garcia E.: 961
Garcia M.C.: 654
Garcia De Burgos F.: 473, 835, 1434
Garcia Honrubia A.: 405
Garcia Robles J.A.: 872, 894, 1143, 1146
Garcia-Dorado D.: 707, 955, 1551, 1552
Garcia-Pinilla J.M.: 568
Garcia-Pras E.: 1576
Garganeeva A.: 1491
Gargani L.: 448
Garin O.: 1147
Garnier A.: 664, 1554, 1567
Garrazone B.: 809
Garratt C.: 95
Garrido I.: 186
Garrido I.P.: 783
Garrido Servant A.: 212
Gashi M.: 1487
Gaspar A.: 1183
Gaspardone A.: 59
Gasparini M.: 553
Gatta L.: 1492
Gatzoulis M.: 1391
Gaub R.: 394
Gauthier C.: 277
Gavina C.: 1564, 1565
Gazzola C.: 515
Geertz B.: 390
Gegenhuber A.: 876
Geiran O.: 183
Gelatti U.: 60, 512
Gelbrich G.: 1065, 1424
Gelijns A.: 54, 55
Genneback N.: 583
Georgescu A.M.: 1389
Georgiopoulou V.V.: 216
Georgoula G.: 465
Georgoulis P.: 479
Germanos A.T.H.: 560, 1170
Gersl V.: 249, 582
Gervai P.: 245, 600
Ghaboura N.: 258
Ghaffary S.: 260, 928
Ghaleh B.: 921, 1371
Ghelardoni S.: 253, 947
Gheorghe G.: 1179, 1196
Gheorgiade M.: 159, 733, 741, 745, 752, 756, 765, 862, 882, 1488
Gheorghiu G.: 1556
Gherli T.G.: 1527
Ghigo A.: 1267
Ghio S.: 1453
Ghiorghe S.: 1137
Ghorbel M.T.: 1249, 1578, 1579
Giacca M.: 1447
Giamouzis G.: 216, 466, 479, 751
Giampiccolo M.: 884
Giani F.J.: 709
Giannakopoulos K.: 177, 821
Giannakoulas G.: 406

Abstracts Authors

Name / Index Number

- Giannessi D.: 571, 850, 854
 Giannetti N.: 296, 900
 Giannini F.: 884
 Giannoni A.: 796, 807, 845, 1512
 Giannuzzi P.: 1274
 Gibelin P.: 456, 1064, 1533
 Gielen S.: 1228
 Giga V.: 480
 Giglio A.: 446
 Gil R.J.G.: 63, 372
 Gill A.: 621, 622
 Gillijns H.: 287
 Gilon D.: 181
 Ginghina C.: 33
 Giordano A.: 518
 Giordano C.: 591
 Giordano U.: 192
 Giricz Z.: 1550
 Giuca A.: 748, 891
 Gjestvang F.T.: 119
 Gkouziouta A.: 113, 120
 Gladkaya X.: 1180
 Glazemaker J.: 454
 Glechan A.: 1418
 Glezeva N.: 1592
 Gligor R.: 1163
 Glowczynska R.: 86
 Gluais P.: 247
 Gluais-Dagorn P.: 973, 1244
 Glushko L.V.: 198
 Goda T.: 441
 Gogas B.: 875
 Goksoy H.: 1393
 Goktekin O.: 85, 818
 Golba K.S.: 1560
 Goldberg A.: 883
 Goldbergova M.: 1505
 Goldhammer E.: 1231
 Goldman J.H.: 135, 149
 Golia G.: 1240
 Goliass Christos G.C.: 1429
- Golmard J.L.: 563
 Golovko V.A.: 1281
 Gombos T.: 863, 1518
 Gomes P.: 755
 Gomes P.L.: 68
 Gomes V.: 902, 1098, 1498
 Gomez-Bueno M.: 1147
 Goncalves L.: 110, 121, 210, 539
 Goncalves L.M.: 958, 959
 Goncalves M.: 1097
 Goncalves S.: 493, 496, 1482
 Goncalvesova E.: 400
 Gong X.R.: 570
 Gong N.: 964
 Gonorokov M.: 1281
 Gonsorcik J.: 173
 Gonzalez A.: 1125
 Gonzalez B.: 402, 654, 895, 899
 Gonzalez J.: 405
 Gonzalez Juanatey J.R.: 1436
 Gonzini L.: 734, 1087
 Goode K.M.: 209, 215, 218, 223, 371, 399, 562, 564, 801, 804, 1126, 1132
 Goodman J.: 520
 Gorbe A.: 609
 Gorenek B.: 85, 818
 Gorgels A.P.: 1103
 Gornik I.: 188
 Goshka S.L.: 965, 966
 Goto Y.: 104
 Gotsman I.: 181, 1383
 Gotte M.J.: 1067
 Gotthardt M.: 935
 Gouadon E.: 1295, 1296
 Goubirina E.S.: 156
 Goumans M.J.: 1297
 Gounari P.: 634
 Gournay O.: 830
 Gournizakis A.: 220, 878
- Gouveia R.: 185
 Gow J.: 1130
 Gozar L.: 1534
 Grabowski M.: 1441, 1500
 Graca B.: 508
 Gracia R.: 783, 792, 885
 Grajek S.: 1156, 1222, 1229
 Graml A.: 880
 Gramlich M.: 298
 Grammatikopoulos K.I.R.: 560, 1170, 1415
 Gras D.: 519, 520, 537
 Grasso M.: 370, 420, 1402
 Gray G.A.: 389, 918
 Gray S.L.: 933
 Grdinic A.: 1471
 Grdinic A.G.: 1397
 Greco E.: 291
 Greco L.: 1086
 Greco R.: 105, 291
 Greenberg B.H.: 174, 711, 750, 757, 795
 Gremmler B.: 301
 Gres P.: 955
 Greszta L.: 165
 Grieve D.J.: 1548
 Griffio R.: 1162
 Grifoni S.: 785
 Grigorian L.: 839, 1434
 Grigoryan S.: 1390, 1396
 Grimaldi A.: 214
 Grishkin Y.: 897
 Gritsopoulos G.: 1253
 Groch L.: 416
 Grocott-Mason R.: 138
 Grodzicki T.: 86
 Gromov D.: 1373
 Gronda E.: 502, 538
 Gruchala M.: 658, 1152
 Gruenig E.: 1524
 Gruh I.: 1286
 Gruner Svealv B.: 489
 Gruter T.: 848
- Grutter G.: 192, 803
 Gruwel M.L.: 245, 601
 Gruzdeva O.: 861
 Grzesiak A.: 619
 Gualtieri A.: 1086
 Guardado J.: 468, 834, 1149
 Guaracini F.: 857
 Guaracini L.: 857
 Guazzi G.M.: 881
 Guazzotti G.P.: 889
 Guccione J.M.: 242, 243, 244
 Gude E.: 34, 183
 Gudkova A.: 579
 Gudushauri N.: 596
 Guenoun M.: 146, 147, 1443
 Guertin D.: 93, 102
 Guida P.: 214
 Guido M.C.: 939
 Guidotto T.: 527
 Guillebeau-Frugier C.: 1569
 Guillon S.L.G.: 88, 1208
 Guillen Garcia S.: 212
 Guimaraes G.V.: 203, 292
 Guimaraes G.: 714, 1120
 Guimaraes G.V.: 1511
 Gulati G.: 1400
 Guliyev Faig F.A.: 1501
 Gullestad L.: 34, 183, 522, 535, 540, 1563, 1590
 Gulsom S.: 1380
 Gummert J.: 738
 Gundiah N.: 243
 Gunebakmaz O.: 77, 810
 Gunther A.: 183
 Gupta R.C.: 144
 Gupta M.: 520, 537
 Gupta N.: 776
 Gur S.: 114, 1393
 Gurgyenyan S.: 1437, 1438
 Gurol T.: 767

Abstracts Authors

Name / Index Number

- | | | | |
|--------------------------|--------------------------|---------------------------|-------------------------|
| Gurovich V.: 732 | Hammer A.: 1073 | Haworth R.S.: 1259 | Hirose M.: 232 |
| Gunzu B.: 825 | Hammerman H.: 35, 883 | Hayashida H.: 713 | Hirsch E.: 1267 |
| Gussakovsky E.: 245 | Hamodraka E.: 465, | Hayes D.H.: 545 | Hisatome I.: 53, 790, |
| Gusseklou J.: 451 | 1517 | Hazarapetyan L.G.: 1390, | 791, 893 |
| Gustafsson F.: 868, 1075 | Han S.J.: 289 | 1396 | Hittinger L.: 218, 371, |
| Gustafsson I.: 1075 | Han K.R.: 427 | Hazukova R.: 858 | 452, 1119 |
| Gustafsson J.A.: 265 | Han S.W.: 624, 837, 838 | He B.: 570, 1408 | Hjalmarson A.: 865 |
| Gusti S.: 1129, 1442 | Han K.R.: 896 | Headon A.: 1102 | Hlawaty M.B.: 478 |
| Gutiü I.: 1163 | Han S.H.: 1470 | Heddema W.S.: 1127, | Hobkirk J.: 371 |
| Gutiü I.A.: 1389 | Hancock H.: 788 | 1128 | Hobkirk J.P.: 913 |
| Gutiü U.: 1389 | Hancu M.: 569 | Hegarova M.: 424, 817 | Hochauer E.: 230 |
| Guzic Salobir B.: 1165 | Handoko M.L.: 912 | Heinz G.: 762, 1169, | Hochhauser E.: 231, |
| Guzzo L.: 520, 537 | Hanon O.: 1131 | 1423 | 1593 |
| Gwizdala A.: 1222, 1229 | Hansen A.: 623 | Heinzel F.R.: 1263, 1283, | Hochleitner M.: 1150, |
| Gwozdziński K.: 1236 | Hansson G.K.: 593 | 1367 | 1190 |
| Gziut A.I.: 63 | Haque S.: 1486 | Helgeland E.: 1558 | Hocking P.M.: 1298 |
| Ha J.W.: 470, 1218 | Harada K.: 781 | Hellman U.: 269, 583, | Hodgkinson J.D.: 1591 |
| Haas B.: 1584 | Harding S.E.: 613, 663, | 1260 | Hodoscek-Majc L.: 720, |
| Haase H.: 1258 | 708, 961, 962 | Henein M.: 1465 | 887, 1113 |
| Haase A.: 1286 | Harjola V.P.: 32, 864 | Hennessy H.M.: 1270 | Hoedemaekers Y.M.: 92 |
| Habib G.: 431 | Hartmann A.: 251, 619 | Hennigan B.: 1078, | Hoel I.: 183 |
| Hadjidakis D.: 875 | Harvey N.J.: 1404 | 1083, 1089 | Hoellriegel R.: 1228 |
| Hado H.: 804 | Hasdai D.: 299 | Henrion D.: 258 | Hoenisch A.: 931 |
| Hadoke P.W.: 389, 918 | Hasenfuss G.: 1549 | Hentati M.: 1157 | Hoes A.W.: 136, 449, |
| Hadri L.: 667 | Hashani V.: 1487 | Hentia C.: 1556 | 1127, 1128 |
| Hadzegova A.B.: 148 | Hashimura K.: 104, 713 | Her S.H.: 774 | Hohl M.: 385, 1555 |
| Haeggstrom J.: 593 | Haskova P.: 249, 582 | Herczku C.: 534 | Holbova R.: 1284, 1285, |
| Haeuselmann S.P.: 950, | Hassan H.: 459 | Heretyk H.: 165 | 1287 |
| 956 | Hassen H.: 1454 | Herijgers P.: 287, 924, | Holub J.: 1121 |
| Haeusler K.G.: 49 | Hastings P.C.: 556 | 925 | Hombach V.: 1299 |
| Hafstad A.D.: 610 | Hata N.: 219 | Hermansen S.E.: 1294, | Hong J.Y.: 427 |
| Haghjoo M.: 550 | Hata T.: 779 | 1370 | Hong K.: 54, 55 |
| Hagiwara N.: 742, 768, | Hatem S.: 233, 234, 386 | Hernandez T.: 1153, | Hong K.S.: 289, 896 |
| 775 | Hatzinikolaou E.H.: 546 | 1154, 1155 | Hong N.K.: 856, 1448 |
| Hajjar R.: 667 | Hauck P.: 444 | Hernando V.: 1552 | Hoque M.Z.: 438, 760, |
| Halestrap A.P.: 922 | Hauptman P.J.: 862 | Herod P.: 1212 | 1520 |
| Halestrap A.: 1557 | Hauselmann S.P.: 971 | Hetzer R.: 1580 | Horacek J.M.: 157, 474 |
| Halmäi L.: 295 | Hausenloy D.J.: 612, | Heusch G.: 955, 1551 | Horackova J.: 157 |
| Hals M.B.: 286 | 958, 1243, 1245, 1246, | Heymans S.: 388, 666 | Horak J.: 127 |
| Haltmayer M.: 876 | 1247, 1253, 1372 | Hibino T.: 898 | Horie M.: 76, 397 |
| Halvorsen B.: 1590 | Hausmanowa- | Hidalgo R.: 836 | Horiuchi-Hirose M.: 232 |
| Hamad H.: 548 | Petrusewicz I.: 404, 419 | Hidalgo Urbano R.J.: 437 | Horowitz J.D.: 1273, |
| Hambrecht R.: 1228 | Haverkamp W.: 1200 | Hildebrandt P.R.: 164, | 1596 |
| Hamersma W.B.: 1230 | Havlicekova Z.: 300 | 868, 1075 | Horstotte D.: 880 |
| Hamilton C.A.: 248 | Havrdä M.: 1084 | Hirai M.: 790, 791, 893 | Horvath T.: 1521 |
| Hammami R.: 1192 | Hawkins N.M.: 154, 166 | Hirashiki A.: 1509 | Hoskins A.C.: 594 |

Abstracts Authors

Name / Index Number

- Houben R.: 108, 297
 Hougen K.: 843
 Houpe D.: 226
 Hove-Madsen L.: 1280
 How O.J.: 1370
 Hoymans V.Y.: 664, 1378
 Hozien S.: 1136
 Hrdina R.: 936, 937
 Hryniewicz A.: 1441, 1500
 Hsu W.T.: 80
 Hu F.C.: 80
 Huang S.F.: 853
 Huber K.: 409
 Huda N.: 438, 760, 1520
 Hude P.: 187, 416
 Hueber A.: 608
 Huelsmann M.: 762, 1168, 1169, 1420, 1423, 1427
 Hugues T.: 456, 1533
 Huica R.: 1451
 Huisamen B.: 926
 Hulot J.S.: 386
 Hurren S.: 100
 Hurt P.: 524
 Husberg C.: 369
 Husberg C.H.: 1590
 Hussain R.I.: 1539, 1540
 Hutuleac R.: 1073
 Huvelle E.: 749
 Hwang E.: 131
 Hwang R.: 1074, 1090
 Hwang K.K.: 1292
 Hymas J.: 1227
 Hyshova N.: 408
 Hyvelin J.M.: 943
 Iacopino S.: 553
 Iacoviello M.: 214
 Iacuzio L.: 201
 Ianni B.: 267
 Ibatov A.: 1189
 Iervasi G.: 1216
 Igawa O.: 53, 790, 791, 893
 Iglesias R.: 932
 Ikonmidis I.: 871
 Iliodromitis E.K.: 1253
 Iliuta L.: 199, 743, 1445
 Ilisar I.: 144, 266
 Ilumur K.: 481, 1380
 Imran Z.A.: 90, 1176
 Inanc T.: 77, 810
 Inbar S.: 299
 Indrigo S.: 118
 Infante Vazquez O.: 162, 163
 Ingle L.: 913
 Inglehearn C.F.: 1298
 Inglis S.: 865
 Inkrot S.: 31, 1174, 1200
 Inoue H.: 742
 Inserte J.: 1552
 Ionac A.: 407, 460, 855, 1172
 Ionescu D.D.: 598, 748, 891, 904, 1129, 1442, 1478, 1544, 1545
 Ionnidis Antonios I.A.: 1429
 Iorgovan D.: 1201
 Iosseliani D.: 1373
 Iraqi W.: 517, 521, 719, 1250
 Irat A.M.: 241
 Iribarne A.: 55
 Irluk G.: 1529
 Ishibashi T.: 145, 842, 1159, 1173, 1214
 Ishii H.: 613
 Ishizuka S.: 779
 Islam N.: 520
 Isnard R.: 588, 830, 1444, 1449, 1452
 Israeli M.: 184
 Issa V.S.: 190, 217, 714
 Istratoaie O.: 748, 891
 Itzhaki-Alfia A.: 1284
 Ivanov A.: 874
 Ivanovic B.: 455
 Ivashkin V.T.: 194
 Meva A.Y.: 141
 Iwai-Takano M.: 842
 Iyengar S.S.: 429
 Izawa H.: 1509
 Jaarsma T.: 374, 1069, 1113
 Jachec W.: 189, 1395, 1529
 Jackson C.L.: 617
 Jacques A.: 580
 Jacques A.M.: 594
 Jacquet S.: 263, 706, 929
 Jacquier A.: 273
 Jacquir S.: 963
 Jahandar Lashki D.: 1174
 Jahns R.: 444, 576, 577, 1364
 Jain R.: 1077, 1077
 Jaiswal A.: 581, 1589
 Jakka N.: 154
 Jakl M.: 157
 Jakl G.: 409
 Jakovljevic D.: 138
 Jakovljevic V.: 972, 974
 Jakuska Povilas D.R.: 1238
 Jan A.: 806, 814
 Jang Y.S.: 470
 Jang Y.: 856, 1448
 Jankovic R.: 536, 903
 Jankovic R.J.: 1203
 Jankowska E.A.: 207, 221, 1223, 1234, 1421, 1508, 1510
 Janoskuti L.: 863, 1518
 Janssen B.J.: 934
 Janssen M.: 1198
 Janssens S.: 287
 Jaquet K.: 957
 Jarai R.: 409
 Jarek J.: 1156
 Jarkovsky J.: 766
 Jaspers H.: 454
 Jaszewski R.: 72
 Jawad H.: 613
 Jeanty C.: 914
 Jebavy L.: 157, 474
 Jegier A.: 1236
 Jelasic D.: 188
 Jemielity M.: 1156
 Jenkins E.: 1579
 Jensen J.S.: 920
 Jeon E.S.: 603, 604, 718, 837, 838, 1291, 1292
 Jeon H.: 802
 Jeremy J.: 919
 Jeromin A.: 233
 Jhun C.S.: 242, 243
 Jiang A.: 144, 266
 Jiang M.: 1408
 Jilkina O.: 245
 Jimenez-Navarro M.: 458, 568, 1071, 1072, 1088
 Jin S.W.: 774
 Jirkovsky E.: 249, 582
 Jo J.S.: 774
 Jo H.C.: 837
 John D.: 229
 Johnsen S.P.: 736
 Jonassen A.: 578, 1558
 Jondeau G.: 1444, 1449, 1452
 Jones G.: 968
 Jordaens L.: 92
 Jordan A.: 835, 839
 Jordanova V.: 800, 890
 Jorge E.: 110, 133, 210, 770, 1450, 1460, 1467
 Josa M.: 206
 Jose Manuel Matas
 J.M.M.: 915
 Joubert F.: 1567
 Jovanovic J.J.: 500
 Jovenitti I.: 969
 Joyce E.J.: 1197
 Jug B.: 1165
 Juhasz L.: 261
 Juneja R.: 70, 463
 Jung H.: 802
 Jurko A.: 290, 290, 300, 778, 778, 1440, 1469
 Jurko Jr A.: 300, 1440, 1469

- Juvonen T.: 859
 Kabil H.: 491, 1543
 Kaczmarek K.: 72
 Kadaja L.: 602
 Kadar K.: 1521
 Kadenbach B.: 1562
 Kafarskaya L.I.: 132
 Kafkas N.: 840
 Kahn B.: 1102
 Kajimoto K.: 742, 759, 768, 775, 782
 Kakouros N.: 495
 Kakouros S.: 495
 Kala P.: 1505
 Kalifa J.: 273
 Kalogeropoulos A.P.: 216
 Kalogeropoulos A.S.: 1394, 1432
 Kalogirou F.: 1110
 Kaludercic N.: 281
 Kaminski K.: 564, 1293, 1513
 Kamiya M.: 940
 Kammoun S.: 1157, 1192
 Kamvrogianis P.: 466
 Kanakakis J.: 1405
 Kandziora M.: 497
 Kang E.E.: 289
 Kang S.M.: 856, 1448
 Kanjanawanit R.: 128, 906, 1095
 Kanonidis I.: 764
 Kanzaki H.: 713
 Kaoukis A.: 1224
 Kapeliovich M.: 883
 Kaplan P.: 874
 Kaplanis I.: 1080
 Kaplanis J.: 1224
 Kapsimali B.: 1405
 Karahan Z.: 481, 1380
 Karali Konstantina K.K.: 1429
 Karamanou A.: 1517
 Karapatsoudi E.: 546
 Karapatsoudi Eleni K.E.: 1429
 Karapetian M.: 970
 Karas S.: 177, 821
 Karaskov A.: 1401, 1403
 Karatela R.: 626, 627
 Karatzaferi C.H.: 1100
 Karavidas A.: 1080, 1224
 Karayannis G.: 466, 479, 751
 Karayeva N.T.: 1202
 Karczewski P.: 1258
 Kardash I.: 866
 Kardash V.: 1497
 Kardassis D.: 489
 Kardasz I.: 526
 Kardos A.: 295
 Karelkina E.: 694
 Karia D.: 438, 760, 1520
 Karmakar P.K.: 1486
 Karmand A.: 1077
 Karolko B.: 1207
 Karpasiotakis M.: 907
 Karpinski G.: 1441
 Karpov R.: 1566
 Karthikeyan G.: 1530
 Karvounis H.: 406
 Karydis K.: 559
 Kasanuki H.: 759, 775
 Kasatzker M.: 732
 Kaschina E.: 619
 Kasim S.: 1102
 Kasner M.: 394, 1232
 Kass D.A.: 281, 625
 Kasseckert S.A.: 1250, 1559
 Kassim S.S.: 1070
 Kassiri Z.: 278, 930
 Kastorini C.: 1068, 1148, 1177, 1193, 1199, 1458, 1462, 1472
 Kastrup J.: 593
 Kaszaki J.: 261
 Kato M.: 53
 Kato T.S.: 713
 Kato M.: 790
 Kato Y.: 790
 Kato M.: 791, 893
 Kato Y.: 893
 Kato K.: 898
 Katona A.: 1187
 Katra R.P.: 1227
 Katsanos S.: 840
 Katz G.: 230, 231
 Kautzner J.: 1532
 Kawada E.: 742
 Kawahara C.: 76, 397
 Kawamiya T.: 898
 Kaweck D.: 1395, 1529
 Kaya M.G.: 77, 810, 1455
 Kaya Z.: 1299
 Kaymaz C.: 1134
 Kayser T.: 51, 125
 Kazemisaied A.: 498
 Kazianis G.: 220, 878, 901, 907
 Kazuo R.: 1144
 Keber I.: 1165
 Kechedjiva N.: 175, 1418
 Keelan E.: 101
 Kekovic P.: 499, 500
 Kelepouris P.: 177
 Keller N.: 868
 Kelly K.: 1077
 Kelly T.: 1265
 Kenins L.: 950
 Kennedy J.A.: 1273, 1596
 Kentish J.C.: 256, 594
 Keren A.: 181, 1383
 Kerkau T.: 1364
 Kessler-Ickson G.: 250
 Ketelslegers J.M.: 719
 Kettner J.: 735, 753, 787, 1532
 Khachigian L.: 272
 Khachman D.: 258
 Khaled H.: 389
 Khaleva O.: 100, 371, 1474
 Khalid A.M.: 610
 Khalifa E.: 1523
 Khalil T.: 599
 Khaliulin I.: 922
 Khan S.: 159, 741, 752, 756
 Khan A.: 1070, 1197
 Khan S.: 1263
 Khatib S.: 1499
 Khoshbaten A.: 923
 Kijima Y.: 779
 Kikuchi Y.: 1481, 1515
 Kildal A.B.: 1370
 Kilic M.: 114
 Kim C.J.: 1463
 Kim E.J.: 603
 Kim H.D.: 774
 Kim J.J.: 603, 604, 718, 837, 838, 1291, 1292
 Kim K.Y.: 604
 Kim M.: 802
 Kim M.A.: 1463
 Kim M.K.: 427, 896
 Kim S.A.: 470, 1218
 Kim S.E.: 427, 896
 Kincelova D.: 946
 Kintscher U.: 265
 Kinugasa Y.: 53, 790, 791, 893
 Kipshidze N.: 178
 Kiriazis H.: 942
 Kirillova V.V.: 1542
 Kirk V.: 691
 Kirshenbaum L.: 964
 Kis A.: 933
 Kiss A.: 261
 Kiss R.G.: 87, 886, 892, 1081
 Kitahara T.: 705
 Kitakaze M.: 104, 713
 Kitlinski M.: 81
 Kitsiou A.N.: 177, 821
 Kizner L.: 738
 Kjekshus J.: 865
 Klautz R.J.: 200, 1446, 1547
 Klein T.: 184
 Kleut M.K.: 1226, 1397

- Klingel K.: 576, 935
Klinkenberg T.: 1506
Kliver E.: 1401
Klose K.J.: 439
Klotz S.: 50
Kluger J.: 93, 102
Kmec J.: 173
Knapp M.: 1513
Knezevic B.: 31
Knezl V.: 228
Knopp A.: 1276
Knyazkova I.: 246
Ko H.S.: 1463
Kobak A.: 434
Kobalava Z.D.: 141
Kobayashi N.: 219
Kobayashi A.: 842
Kobayashi K.S.: 929
Kober F.: 273, 276
Kober L.: 691
Kobusiak-Prokopowicz M.: 1207
Koch V.: 1562
Kochanowski J.: 61, 67, 71, 404, 419, 476, 1175, 1441
Kocijancic A.: 1479
Kocinaj D.: 1487
Kockskaemper A.: 1065
Kockskaemper J.: 1263
Kockskemper J.: 1367
Kocoski V.: 1364
Kocsis G.F.: 1553
Kocsis-Fodor G.: 1550
Koepf U.: 119
Koh Y.: 802
Kohlhaas M.: 1276
Koike M.K.: 939
Kokinos A.: 1495
Kolar F.: 227, 275, 280, 611, 927
Kolcz J.: 1213
Koledinsky A.: 1373
Kolenova L.: 1368
Kolias V.: 124
Kollai M.: 1521
Kolovou G.: 655, 1425
Komajda M.: 588, 830, 1132, 1444, 1452
Komjda M.: 1449
Kondrat'eva D.: 1566
Kongerud J.: 34
Kongsgaard E.: 522, 535, 540
Konstam M.A.: 733, 752, 756, 862
Kopce G.: 1211, 1212
Kopeleva M.V.: 148
Koracevic G.: 903
Korczyk D.: 1074
Kordosis G.E.: 560, 1170
Korfage T.H.: 1297
Korolyuk O.Y.: 501
Korup E.: 868
Kosheleva N.A.: 161, 161
Koshoridze N.: 970
Kosior D.A.: 61, 71
Koslov B.: 1566
Kostaki P.: 559
Kostareva A.: 579
Kostic T.: 536, 547
Kostic N.K.: 1397
Kostkiewicz M.: 478
Kotani K.: 791
Kothari S.S.: 463, 1392
Kotrogiannis I.: 1068, 1385, 1387
Kotrotsou A.: 411, 430
Kotsakou M.: 546
Kottam A.: 1546
Koudoumas D.: 99, 103, 124
Kouno M.: 1258
Koustas P.A.N.: 560, 1170
Koutedakis Y.: 1100
Kovacs I.: 426, 1407, 1461
Kovacs G.: 1524
Koval O.: 874
Kozak A.M.: 389, 918
Kozanli I.: 409
Kozhukhov S.: 746
Kozieradzka A.: 1513
Kozlovskaya L.: 1180
Kozuch M.: 1293, 1513
Kraaier K.: 505
Krachak D.: 1497
Krakowiak B.: 221, 1223, 1234
Kralisz P.: 1513
Kramps P.: 1549
Kranias E.: 667
Kranig W.: 513
Krasniqi X.H.: 1487
Krehbiehl N.: 1537
Kreil V.: 434
Krejci J.: 187, 416
Kremastinos D.T.: 179, 403, 465, 869, 875, 1080, 1253, 1394, 1432, 1517
Kremeno S.: 861
Krichene S.: 1192
Krieg T.: 257
Krikunova O.V.: 148
Krisiukaitis Algimantas D.R.: 1238
Krishnan E.: 1118
Krishnan A.: 1124
Krivosheev O.: 1140
Krobert K.: 1539, 1540
Krotin M.: 1459
Krouzecky A.: 1570
Krum H.: 827, 1105
Krumholz H.M.: 374
Kubanek M.: 424, 817
Kubota I.: 225, 232, 705
Kuklina M.: 445
Kuladhipati I.: 581
Kulcsar I.: 567
Kuliczowski W.: 1207
Kumar S.: 581, 1589
Kume K.: 779
Kumphune S.: 706
Kun C.: 534
Kuncova J.: 1570
Kunde J.: 1065, 1424, 1518
Kunduzova O.: 1279
Kunert M.: 301
Kunes J.: 280
Kunishige M.: 779
Kunkl A.: 204
Kunstyr J.: 127
Kupai K.: 261, 270, 271, 953, 1553
Kupriyanov V.: 245, 600, 601
Kurbanov R.D.: 573, 574
Kurlianskaya A.K.: 425
Kurpisz M.: 1293
Kurtinecz M.: 1461
Kurtz B.: 530
Kurtzwalld E.: 230, 231
Kuryata O.V.: 155, 1375, 1485
Kurz S.: 561
Kuster G.M.: 950, 956, 971
Kycina P.: 436, 1191
Kycinova L.: 1191
Kyriacou C.: 220, 878, 901, 907
Kyriacou D.: 765
Kyriakides T.: 421
Kyriakides Z.: 1100
Kyyak Y.K.: 1571
Kzhyskowska J.: 388
La Carrubba S.: 822, 832, 860
La Rocca G.: 1274
La Rovere M.T.: 889, 1158
Labat C.: 1586
Labrunee M.L.: 715
Lacerda L.: 952
Lacolley P.: 1586
Ladeiras-Lopes R.: 254, 1251
Lagoiro A.: 450, 1138
Lahat N.: 1582
Lai E.: 131
Lai V.K.: 1404
Lainscak M.: 31, 720, 887, 1113

Abstracts Authors

Name / Index Number

- Lairez O.: 1569
Lajevardi A.: 1092
Lak L.: 109
Lak L.L.: 109
Lakshmy R.: 1392
Lallemand F.: 247
Lalor L.: 1112
Lam L.: 827
Lambert V.: 1295, 1296
Lamberti F.: 59
Lambrinou E.: 1110
Lamp B.: 880
Lan C.: 276
Landa N.: 1285
Landesberg A.: 615
Landolina M.: 107
Lanska V.: 817
Laothavorn P.: 1133
Laramée A.: 374
Lardieri G.: 413, 418
Laribi S.: 765
Larina V.N.: 1188
Larionov P.: 1401, 1403
Laroussi L.: 1192
Larsen T.S.: 610
Larsson G.: 1260
Lassner D.: 632, 1369
Lassus J.P.E.: 32
Lassus J.: 864
Laszlo A.: 1521
Lattanzi F.: 462, 485
Laurent G.: 433, 963
Lauwers C.: 1434
Lavazais-Blancou E.: 277
Lavee J.: 1284
Lavoue S.: 1466
Laynez A.: 879
Lazaro A.: 1576
Lazou A.: 1265
Lazzarini V.: 763, 771
Leal A.: 533
Leal S.R.N.: 908
Lebedev D.: 555
Lebedev E.V.: 160
Lebreiro A.M.: 129
Lechat P.: 386
Lechene P.: 1269
Leclercq C.: 464, 513
Lecour S.: 952
Ledwidge M.: 84, 137, 806, 813, 814, 833, 1078, 1083, 1089, 1388, 1592
Lee C.M.: 80
Lee G.: 415
Lee J.: 174
Lee J.H.: 135, 896, 427
Lee M.M.: 624
Lee M.Y.: 774
Lee R.: 266
Lee S.: 116
Leenen F.H.H.: 1272
Lefevre C.: 628
Lefort J.F.: 1377
Leiper J.: 918
Leitao A.: 64, 139, 153, 172
Leitao Marques A.: 68, 755, 797, 828, 1493
Leite-Moreira A.: 254, 285, 1251, 1564, 1565
Lekakis I.: 1517
Lemke B.: 51
Lemoigne F.: 456, 1533
Lenco J.: 592
Lendvai Z.: 663
Lengyel M.: 482
Leonard F.: 665, 1584
Leonardo F.: 531, 544, 1151, 1160
Leontiadis E.: 113
Leor J.: 1284, 1285, 1287
Leprince P.: 563, 628
Leroy J.: 1267, 1269
Lesniak-Sobelga A.: 478
Lesny P.: 400
Lester D.H.: 1298
Lettau O.: 1585
Leurs I.: 143, 146, 147, 1443
Levent M.O.: 1194
Levina A.: 1164, 1489
Levy F.O.: 843, 951, 1264, 1539, 1540
Lewin R.J.P.: 213, 657
Lewinter C.: 208, 218, 371
Lewis B.S.: 1076, 1416, 1417, 1582
Li Z.: 152
Licata G.: 48, 1476
Lidouren F.: 921
Lieber A.L.: 1093
Liepieieva O.: 1431
Ligeret H.: 1541
Lighezan D.: 1464
Lilla Della Monica P.: 182
Lim K.M.: 90, 1176
Lim S.: 802
Lim S.Y.: 612, 1245, 1246
Lima R.: 888, 1097, 1473
Limongelli G.: 590
Lin H.: 919, 1557
Lin Y.M.: 255
Linde C.: 108, 297
Lindenberg S.L.L.M.: 88, 1208
Lindqvist P.: 1465
Lindvig K.: 868
Ling L.F.: 1122
Linhares J.M.B.L.: 69
Linhart A.: 127, 753, 787
Lionakis N.: 411, 430, 1123, 1495
Lionetti V.: 850
Liontou C.: 1177, 1193, 1384
Lipartiti F.: 763
Lipoldova J.: 416
Lippi M.E.: 1492
Lipskaia L.: 667
Lishmanov Y.U.: 541
Lisii D.M.: 1414
Liu B.: 159, 741, 882
Liu P.P.: 930
Liu X.: 287
Liu Y.: 942
Livieratos T.: 1170
Livieratos T.H.: 560
Lizanez E.: 633
Ljubas J.: 188
Llacer A.: 695
Llach A.: 1280
Llancaqueo M.: 816, 1186
Lo Giudice P.: 59
Lo Jacono E.: 89, 549
Lober J.: 394
Loforte A.: 182
Lofvenmark C.: 1109
Loh S.H.: 853
Lohro R.: 1466
Lohse M.J.: 444, 576, 577, 1364
Loibner H.: 278
Lokuge A.: 827
Lolli G.: 549
Lombardi M.: 428
Lombardi C.: 763, 771, 784
Lombardo E.: 1171, 1182
Lomnicka M.: 1366
Lompre A.M.: 386, 628, 667
London B.: 57
Londono Sanchez O.: 73, 1241
Longoni S.: 176
Loperfido F.: 809
Lopes R.: 134, 197
Lopes M.G.: 851
Lopes R.: 1184, 1564, 1565
Lopes-Conceicao L.: 285
Lopez R.: 654
Lopez E.: 932
Lopez N.: 1586
Lopez Aranda M.A.: 1079
Lopez Palop R.: 212
Lorenz V.: 950, 956
Lorenzo Menicanti L.M.: 202

Abstracts Authors

Name / Index Number

- Loria T.: 1274
 Lorincz A.: 1256
 Lossie J.: 575
 Lotan C.: 181, 1383
 Lotfi-Tokaldany M.: 498
 Lotrionte M.: 809
 Louca L.: 120
 Louch W.E.: 948
 Lourenco A.: 468
 Lourenco C.: 110, 133, 471, 770, 1450, Loureiro M.J.: 1526
 Lourenco P.: 134, 197, 1184, 1382
 1467
 Lousinha A.: 417, 528, 548
 Love T.: 882
 Low W.Y.: 1176
 Lowe H.: 272
 Lozano T.: 1079, 1379, 1436
 Lu Z.: 665
 Luca' F.: 511, 572
 Lucas E.: 373
 Lucci D.: 142, 151, 739
 Luers C.: 848
 Luis Durao D.: 773
 Lukashenko V.: 1376
 Luknar M.: 400
 Lunati M.: 107
 Lund T.: 284, 286, 1294
 Lunde I.G.: 1538
 Lupon J.: 895, 1147
 Lupon Roses J.: 402, 654, 873, 899, 1096
 Lupu A.: 847
 Luttik M.L.A.: 1069
 Lutz S.: 1256
 Luzardo M.: 1125
 Luzzi G.: 182
 Lygate C.: 710, 938
 Lykouras E.: 179
 Lymperopoulou K.: 177
 Lyon A.: 708
 Lytton J.: 760
- Ma L.P.: 1260
 Maack C.: 385, 1276, 1555
 Mabo P.H.: 464, 1466
 Macakova K.: 937
 Macarie C.: 567, 717
 Macaya Miguel C.: 97, 111, 1139, 1145
 Macdonald P.: 1105
 Macera F.: 122
 Machado I.: 468
 Machet M.C.: 943
 Machnick S.A.: 506, 716
 Maciel M.J.: 129, 293, 507, 1184
 Macin S.M.: 712
 Macquin-Mavier I.: 452
 Madaras S.Z.: 1407
 Madej A.: 404, 419
 Madjar L.: 1187
 Madonna M.P.: 1411
 Madsen L.H.: 1075
 Mady C.: 267
 Maeder M.: 561
 Maestri R.: 889, 1158
 Magazzini S.: 785
 Magga J.: 864
 Maggioni A.P.: 142, 151, 734, 739, 752, 756, 862, 1087
 Maher V.: 1102
 Mahmoodzadeh S.: 1580, 1581
 Maier L.S.: 1367, 1549
 Maier R.: 1524
 Mainar L.: 835
 Maines M.: 94, 107
 Maisch B.: 439, 589, 945
 Maisonneuve D.: 1094
 Maj J.: 221, 1508, 1510
 Mak G.: 137
 Makinen K.: 710
 Mako V.: 1518
 Makridis P.: 546
 Makridis Charalampos M.C.: 1429
- Makridis Pantelis M.P.: 1429
 Makris K.: 840
 Malek I.: 424, 817
 Malek F.: 1084
 Malek I.: 1532
 Malfatto G.: 446
 Malik F.: 135, 149, 174
 Malik V.: 1530
 Malinowski K.: 524
 Malinowski M.: 1560
 Mallek S.: 1192
 Malliaras K.: 99, 124, 274
 Mallozzi C.: 96
 Malm L.: 1260
 Malmare B.: 820
 Maltinti M.: 571
 Maluskova J.: 424
 Mamas M.: 95, 1130, 1262
 Mamede A.: 525, 916, 1215, 1219
 Mamedova N.: 1205
 Manari D.: 518
 Mancone M.: 170, 171
 Mandric C.: 825
 Manea G.: 1451, 1457
 Manga A.: 900
 Manginas A.: 113, 120
 Mangini S.: 1120
 Mangner N.: 1228
 Manisty C.H.: 1512
 Manito N.: 1147
 Manolas J.: 1221
 Manousakis S.: 193
 Manousek J.: 1505
 Manoussakis M.N.: 503
 Mansfield C.: 708
 Mansoor G.: 131, 731
 Mansour M.: 1454
 Mantini V.: 1504
 Mantzouranis M.: 495
 Manukova Y.: 1164, 1489
 Manzano Fernandez S.: 783, 792, 885
 Maounis T.: 515, 519, 527, 532
- Marangoni S.: 1277, 1278
 Mararenko O.: 874
 Marazzi G.: 1411, 1492
 Marber M.S.: 263, 706, 929, 1268
 Marchand A.: 628
 Marchel M.: 61, 71, 86, 404, 419, 476
 Marchiori G.E.: 1142
 Mardanov B.U.: 573, 574
 Mareev V.: 175, 1398, 1399
 Mareev V.I.U.: 1406
 Mareev V.: 1418
 Margarit L.: 452, 1119
 Margonato A.: 82
 Maria Gallego M.G.: 915, 1574
 Marighetti M.: 884
 Marigliano V.: 1504
 Marjjanowski M.: 521
 Marjon E.: 234
 Marin F.: 405
 Marinakis S.: 274
 Marino P.N.: 398
 Marinou K.: 83, 167, 1422
 Mariotti R.: 448, 526, 866, 1135, 1242
 Marisa Di Donato M.D.D.: 202
 Markovic I.: 1471
 Markussis V.: 1425
 Marocco A.: 1484
 Marosi E.: 87, 886, 892, 1081
 Maroz-Vadalazhskaya N.: 490, 1497
 Marques F.: 64, 139, 153, 172
 Marques M.: 185
 Marques N.: 902, 1098, 1498
 Marques P.: 523
 Marshall A.: 1365, 1591

Abstracts Authors

Name / Index Number

- Marston S.: 580, 584, 594
Marta D.S.: 1451, 1457
Martin S.E.: 919
Martin J.: 1220
Martin U.: 1286
Martin Lunde N.: 152
Martinelli L.: 122
Martinelli Filho M.: 105
Martinez M.D.: 186, 783, 792, 885
Martinez N.: 879
Martinez P.: 783, 792, 885
Martinez Dolz L.: 839
Martinez Memije R.: 163
Martinez-Dolz L.: 967
Martinez-Memije R.: 162
Martins W.M.: 69
Martins J.P.: 134
Martins D.: 267
Martins E.: 507
Martins W.A.: 1091
Martins W.: 1209
Martins Oliveira M.: 533
Martos R.: 813, 1388
Marwick T.: 1090
Marziliano N.: 370, 420, 1402
Mas Å.D.: 899
Mascarenhas J.: 134, 197
Masci P.G.: 428
Masenko V.: 1398, 1399
Mason J.: 788
Masoura K.: 1462
Massaro R.: 1411, 1492
Massey C.: 96
Massie B.M.: 731
Masuyama T.: 1233, 1587
Matangi M.: 467, 487
Matei C.: 426, 1407, 1461
Matejkova J.: 227, 259
Matejovic M.: 1570
Matic M.: 1374
- Matsakas E.: 1224
Matsuo A.: 779
Mattiasson A.C.: 1109
Mattiuzzi A.: 1257
Mattijssen E.J.M.: 454
Matveev M.: 595
Matzaraki V.: 1080, 1224
Maulik S.K.: 581, 1589
Mavrogeni S.: 503, 655, 1425
Mavrogenis A.: 840
Maximov D.: 407, 847, 855
Maxwell P.: 1246
Mayet J.: 1512
Mayosi B.M.: 415
Mayr M.: 263
Mazurek W.: 211, 222, 917, 1207
Mazurova Y.: 249
Mazzadi A.: 973, 1244
Mazzaferro D.: 1086
Mc Caffrey D.: 84
Mc Donald K.: 84
Mc Sweeney S.J.: 918
Mccaffrey D.: 1078, 1083, 1089, 1112
McCune S.: 620
Mcdermott B.J.: 1548
Mcdonagh S.: 138
Mcdonald K.: 137, 806, 813, 814, 833, 1078, 1082, 1083, 1089, 1112, 1388, 1592
McInnes I.B.: 696
Mcintyre H.F.: 556
McMahon A.: 272
Mcmanus J.: 1220
Mcmurray J.V.: 248, 374, 696, 865, 1409
Mcsweney S.: 389
Mearini G.: 390
Mebazaa A.: 749, 765, 871
Mebrate Y.: 1512
Medallion B.: 184
- Medeiros F.: 129
Medeiros R.: 468
Medway D.: 710, 938
Megyesi Z.: 941
Mehrhof F.: 1166, 1174
Meili-Butz S.: 229, 971
Meinertz T.: 49
Meisel S.: 732
Meissner A.: 506
Melenovsky V.: 616, 1532
Mellidis Christos M.C.: 1429
Mello V.S.: 1138
Melluso C.: 511
Melo J.Q.: 185
Melo L.: 1091
Meloni L.: 1484
Meluzin J.: 416
Menabo R.: 262
Menard J.: 52
Menazza S.: 1568
Mendes L.: 493, 496, 1482
Mendez M.: 1106, 1107
Menicanti L.: 204
Menozzi C.: 89, 549
Merhavi D.: 1076, 1416, 1417
Merkely B.: 51, 125, 557, 663
Merkel M.: 1364
Merkouris K.: 495
Merlet E.: 667
Merlo M.: 224, 412, 413, 414, 418, 867, 1447
Merlos P.: 695
Mertzanos G.: 840
Meryasev S.N.: 819, 846
Meryaseva R.F.: 819, 846
Mesquita E.: 450
Mesquita C.T.M.: 587
Mesquita E.: 587, 1091, 1138, 1144, 1209, 1502
Messer A.E.: 580, 584
Mestroni L.: 867
- Metallinos G.C.: 566, 812, 815, 1068, 1148, 1167, 1177, 1185, 1193, 1199, 1384, 1385, 1387, 1458, 1462, 1472
Metra M.: 30, 60, 469, 512, 711, 731, 737, 750, 754, 757, 763, 771, 784, 795
Metrich M.: 1266
Metz C.H.G.: 1297
Meyer B.: 762, 1169, 1423
Meyer T.: 589, 945, 1286
Meyns B.: 50
Mialet-Perez J.: 1569
Miani D.: 107, 118, 1108
Michalakeas C.: 179
Michalski M.: 497
Miche E.: 1085
Michielon G.: 192, 803
Miclaus S.T.: 841
Miclaus S.: 847
Miettinen K.: 864
Miguel C.E.: 422
Mihaila M.: 825
Mihailescu C.: 1439
Mihailescu G.: 1439
Mika D.: 1269
Mikhailov A.: 932
Miklik R.: 735, 753, 758, 766, 787, 793
Milagros Clemente M.C.: 915, 1574
Milani L.: 740
Milic D.: 536, 547
Milicic D.: 188
Miliou A.: 1148, 1422
Militaru C.: 748
Miller A.M.: 696
Miller L.: 1285
Milli M.: 740
Mimoso J.: 902, 1098, 1498
Mina C.: 191
Minami Y.: 396, 742, 775, 782

- Minana G.: 695
Mincu D.: 1494
Ming Z.Q.: 942
Minin S.: 541, 1491
Minotti G.: 395
Miotto G.: 826
Mioulane M.: 663, 961, 962
Miranda B.F.R.: 422
Miranda R.: 486
Miranda C.: 493, 496
Miranda F.: 529
Miranda S.M.R.M.: 587
Miranda L.H.: 1144
Miranda R.: 1526
Mirica N.: 1556
Miro V.: 473, 835, 1379
Miro E.: 1551
Miro-Casas E.: 707
Miron I.: 825
Mironicki M.: 1187
Mishra K.: 1273
Missov E.: 116
Mitasikova M.: 228
Mitic B.: 1471
Mitrovic P.: 831
Miyamoto T.: 168, 781, 870
Mizuno K.: 219, 759
Mizuno M.: 759
Mizuno K.: 768
Mizuno M.: 775
Mizuno K.: 782, 940
Mkrtumian E.: 410, 445
Mladenka P.: 936, 937
Mocan T.: 1377
Mocanu M.M.: 958, 959, 1243, 1247
Mocetti T.: 1504
Moceri P.: 1064
Modestino A.: 126
Moens A.: 625
Moepes B.: 1299
Moertl D.: 1073
Mohamed T.: 1261
Mohanty S.: 1400
Moise B.: 891
Moiseeva O.: 694
Mokhtari A.: 1578, 1579
Moldovan H.: 199, 1445
Moldoveanu E.: 1451, 1457
Molina C.E.: 1280
Molina Mora M.J.: 568, 1071, 1072, 1088, 458, 514
Molnar A.: 957
Moltzau L.R.: 843, 1264
Momcilov-Popin T.: 1187
Mondillo S.: 398
Moni N.: 1272
Monserat L.: 405
Mont L.: 56
Mont I Girbau J.: 51, 125
Montalto A.: 182
Monteiro P.: 110, 133, 210, 770, 1450, 1460, 1467
Monteiro S.: 770, 1450, 1460
Monti L.: 502, 538
Montisci R.: 1484
Moon C.I.: 1470
Moosdorf R.: 1562
Moraes D.C.: 1138
Morais J.: 786
Morales M.A.: 571
Morales Perez R.: 97, 111, 1139, 1145
Morandi F.: 176
Morandi C.: 1363
Morano I.: 1258
Morar M.: 1464
Moreira L.F.P.: 203
Moreira R.B.: 1144
Moreira-Goncalves D.: 285
Morelli I.: 866
Moreno Planas J.: 97, 111, 1139, 1145
Moretti M.: 867
Moretti A.I.S.: 939
Morgenthaler N.G.: 762, 1423, 1424
Mori De Libero L.: 956
Morillas P.: 1379, 1436
Morita T.: 509, 1161, 1490
Morner S.: 269, 583, 1260
Mornos A.: 460, 855
Mornos C.: 407, 460, 847, 855, 1172, 1464
Moroni F.: 785
Moroshkin V.: 694
Morrell M.J.: 556
Morshuis M.: 738
Mortara A.M.: 1531
Morton J.J.: 1409
Morys J.: 658, 1152
Mosahebi L.: 1092
Moschos G.: 546
Mostacciolo G.: 969, 1277, 1278
Mosterd A.: 449
Mostova M.I.: 510
Mota B.: 1091
Mota P.: 68, 828, 1493
Motta B.M.: 1208
Motro M.: 351
Moubarak G.: 234
Mouchaers K.T.B.: 912
Mougenot N.: 234, 667
Moum T.: 535, 540
Moura C.: 285
Moura L.Z.: 1511
Moura Branco L.: 533
Mourouzis I.: 1415, 1541
Moutafi A.C.: 1391
Moutsopoulos H.M.: 503
Moutsopoulos H.: 1123
Moyssakis I.: 411, 430, 1123, 1495
Mozos I.: 569
Mrdovic I.: 1374
Mueller M.: 576, 577, 1364
Mueller T.: 876
Muia' N.: 89, 549
Mujkosova J.: 279, 946
Mukherjee U.A.: 1243
Mulder P.: 247
Mullan B.P.: 545
Muller S.: 385
Munakata R.: 782
Munoz M.C.: 709
Munoz Aguilera R.: 872, 894, 1143, 1146
Munoz Rivas N.: 1106, 1107
Munoz-Garcia A.J.: 568
Muntaner L.: 1241
Muntean D.: 1556
Murai K.: 782, 940
Muraru D.: 33
Muraru M.: 1496
Murdoch C.: 282, 933, 1254
Murin J.: 436, 1191
Murlasits Z.: 614, 1550, 1573
Murninkas D.: 299
Murohara T.: 1509
Murphy D.: 1078, 1083, 1089, 1249
Murphy G.A.: 1273
Murphy J.J.: 74, 453, 788
Murphy N.F.: 84, 137, 806, 814
Murray A.: 1082
Murray L.: 1220
Murthy K.: 760, 1520
Musallam A.: 35
Musetescu A.E.: 904, 1442
Musetescu R.: 904, 1129, 598, 1442, 1478, 1544, 1545
Musial W.J.: 1513
Musshauser D.: 1190
Musumeci F.: 182
Mutlak D.: 35
Muto C.: 515, 519, 527, 532, 553

- Myhre E.S.P.: 119
 Myrmet T.: 1294, 1370
 Nabais S.: 1183
 Nachtigal P.: 936
 Nadaud S.: 628
 Naegele H.: 115, 524
 Nagao T.: 781
 Nagashima M.: 742, 768
 Nagayama T.: 281
 Nagy-Balo E.: 534
 Najafi M.: 260, 928
 Naka T.: 1233, 1587
 Naka Y.: 54, 55
 Nakada T.: 232
 Nakagawa Y.: 779
 Nakamura M.: 396
 Nakano A.: 736
 Nallur Shivu G.: 597, 1561
 Nalos L.: 1570
 Nana M.A.: 99, 103, 117
 Nanas S.: 99, 117
 Nanas J.: 124, 150, 274, 1405, 1475
 Nanchikeeva M.: 1180
 Nanea I.T.: 1179, 1196
 Nanu P.D.: 841
 Napalkov D.: 75, 1164, 1489
 Napoli A.M.: 462, 485
 Narang R.: 1400
 Nardo R.: 59
 Narendran P.: 597, 1561
 Nargeot J.: 606, 608
 Narusov O.: 175
 Narvaez R.: 162
 Nascimento C.: 288
 Nascimento J.: 68
 Nash P.: 1070
 Nash P.N.: 1197
 Nasi M.: 1171, 1182
 Nastas I.: 751
 Natali R.: 809
 Natarajan A.: 152
 Naud P.: 1295, 1296
 Naughton M.: 827
 Navarro C.: 1241
 Navazio A.: 89, 549
 Neagoe C.: 407, 460, 855, 1172
 Neckar J.: 227, 275, 611
 Nedelcu M.: 1178, 1195
 Nedeljkovic I.: 457, 480
 Nedeljkovic M.: 480
 Nedeljkovic I.: 772, 1479
 Neder J.A.: 714
 Nediani C.: 591
 Nedzvedskiy V.S.: 1485
 Negrier C.: 121, 210, 539
 Negru A.: 1535
 Neiko O.V.: 1386
 Neko V.M.: 1386
 Nekrasova N.I.: 130
 Nemchyna L.: 1571
 Nemec P.: 187
 Nemkov A.: 434, 1376
 Neri V.: 151
 Nery L.E.: 714
 Nessler B.: 81
 Nessler J.: 81
 Neto S.: 554
 Neubauer S.: 710, 938
 Neuhold S.: 1168, 1420, 1427
 Neumann T.: 764
 Neves J.: 185
 Newton P.: 1105
 Neyko E.M.: 198
 Neyroud N.: 233
 Neyses L.: 95, 1130, 1261, 1262
 Nguyen V.: 296, 900
 Nguyen C.H.T.: 1540
 Nicholls R.: 804, 1474
 Nicolae C.: 1179
 Nicolaides E.: 421
 Nielsen O.W.: 164, 691
 Nieminen M.S.: 32, 864
 Niessens H.W.M.: 1564
 Nieto S.: 1106, 1107
 Niizeki T.: 225, 232
 Nikitin N.: 218
 Nikoghosyan K.: 1437, 1438
 Nikolaev V.O.: 444
 Nikolaidou T.: 1262
 Nikolaou M.: 179, 403, 869, 875
 Nikolaou P.: 907
 Ninaber P.: 1198
 Nishi K.: 168, 870
 Nishibe A.: 779
 Nishika S.: 105
 Nishiyama K.: 76, 397
 Nistri S.: 398
 Nobili E.: 593
 Nobrega A.C.L.: 88, 587, 1208, 1209
 Nogueira L.N.B.: 69
 Nogueira Da Silva M.: 417, 525, 529, 533
 Nogueira Silva M.: 528
 Nomura M.: 1509
 Nonogi H.: 104
 Notova P.: 400
 Novak F.: 611
 Novakova O.: 611
 Novikov V.: 897
 Novotny T.: 237, 1577
 Novotova M.: 1567
 Nowak J.: 207, 1421
 Nowak K.: 1513
 Nowalany - Kozielska E.: 1395
 Nowalany Kozielska E.: 1529, 189
 Ntalianis A.: 117, 124, 1475
 Nudelman A.: 250
 Nuee J.: 517, 521, 719
 Nunan D.: 138
 Nunez J.: 695
 Nyolczas N.: 87, 886, 892, 1081
 O' Loughlin C.: 806, 814
 O'Rahilly S.: 933
 Oceandy D.: 1261, 1262
 Ochiai M.E.: 558
 O'connor C.M.: 731, 1488
 Odendaal L.: 578, 953
 Oeff M.: 49, 747
 Oezcelik C.: 575, 1166
 Oganezova L.G.: 1435
 Ogino K.: 53
 O'gorman D.A.N.: 158
 Oguzhan A.: 77, 810
 Oh D.J.: 427, 896
 Oh J.: 856, 1448
 Ohte N.: 898
 Ohtonen P.: 859
 Ohyanagi M.: 1233, 1587
 Oie E.: 34, 369, 1563, 1590
 Oikawa M.: 842, 1214
 Oikonomou Kostas O.K.: 1429
 O'keefe S.J.: 706
 Okruhlicova L.: 228, 1368
 Okuyama Y.: 509, 1161, 1490
 Okuyan E.: 1194
 Oldenburg O.: 880
 Olimulder M.: 505
 Oliva F.: 122
 Oliveira D.S.: 217
 Oliveira M.: 417, 525, 528, 529, 548
 Oliveira S.M.: 129, 507, 293
 Oliveira Jr M.T.: 558
 Oliveira-Junior J.L.: 190
 Olivetti N.Q.O.S.: 587
 Olivieri D.O.: 1527
 Oliviero P.: 269
 Ollerton R.: 1105
 Olivier R.: 464
 Ollmann I.: 115
 Olmer R.: 1286
 O'loughlin C.: 84, 1082
 Olschewski H.: 1524

- Olsson L.E.: 1116, 1204
 Olszowska M.: 478,
 1211, 1212
 Oltrona Visconi L.: 1087
 Omar B.: 96
 Omar A.: 441, 491, 1543
 Omland T.: 369
 Ondrasek J.: 187
 O'Neill J.: 101
 O'Neill D.: 1082
 Ong H.Y.: 1122
 Ong S.B.: 1243, 1372
 Ong S.G.: 1246
 Onur I.: 1194
 Opie L.H.: 952
 Opolski G.: 61, 67, 71,
 86, 404, 419, 476, 905,
 1175, 1181, 1441, 1500
 Ordener C.: 1569
 Ordodi V.: 1556
 Ordonez J.: 186
 Orea A.: 1419
 Orea-Tejeda A.: 162, 163,
 909, 910
 Oreto G.: 511
 Oreziak A.: 419
 Orlandi C.: 618, 620
 Orlova E.: 602
 Orłowska-Baranowska
 E.H.: 165
 Orosa P.: 1379, 1436
 Orosz P.: 941
 Orozco J.J.: 1419
 Orozco Gutierrez J.J.:
 163, 909, 910, 162
 Orsinelli D.: 1227
 Orstavik O.: 951
 Ortiz Alonso J.: 1106,
 1107
 Orus J.: 1576
 Orynychak M.A.: 1386
 Osmolovskaya Y.: 175,
 1418
 Osnes J.B.: 843, 951,
 1264, 1539, 1540
 Ossum A.: 920
 Ostadal B.: 275, 280,
 611
 Ostadalova I.: 280
 Ostapushchenko O.:
 1180
 Ostojic M.: 457, 480,
 1374, 1479
 Ostrovskiy I.: 1497
 O'Sullivan M.: 1070
 Otaviano A.P.: 422
 Othonos N.: 1262
 Ottersen O.P.: 1248
 Oudejans I.: 449
 Oudit G.: 278, 930
 Ovchinnikov A.G.: 156
 Ovchinnikov R.S.: 205
 Ovrincenco E.: 820
 Ozabalova E.: 187
 Ozcelikay A.T.: 241
 Ozturk M.: 1393
 Pach R.: 1428, 1430
 Pacher R.: 762, 1168,
 1169, 1420, 1423, 1427
 Paci C.: 1504
 Pacileo G.: 590
 Pacreu S.: 73, 1241
 Padeletti L.: 515, 519,
 527, 532, 572
 Padro J.: 1280
 Paelinck B.: 630
 Pagava Z.: 1217
 Page J.: 1220
 Paino R.: 122
 Pais J.: 828, 1493
 Paiva M.: 958, 959
 Paju K.: 602
 Pajuelo C.: 873, 1096
 Pakushalov E.: 98
 Paladini B.: 785
 Palicka V.: 592
 Palka I.: 81
 Palladini G.: 572
 Palloshi A.: 82
 Palomeque J.: 1257
 Palus S.: 251, 619
 Panagiotakos D.: 566,
 815, 1068, 1177, 1185,
 1193, 1199, 1384, 1458
 Panagiotopoulos G.:
 1475
 Panama B.: 964
 Panchyshyn J.M.: 501
 Pancza D.: 227, 259
 Pandya K.: 463
 Panferov A.: 1164, 1489
 Pang P.S.: 756
 Pang P.: 765
 Pankuweit S.: 589,
 1174
 Pantaleoni M.: 89, 549
 Pantev E.: 164
 Pantos C.: 1541
 Pantsios C.: 103
 Pantsios C.H.: 1405
 Paolucci N.: 281
 Papadimitriou C.: 634,
 1405
 Papadimitriou G.: 177,
 821
 Papadopolou K.: 406
 Papadopolou E.: 655,
 1425
 Papageorgiou N.: 167
 Papanagnou G.: 435
 Papapetrou D.: 907
 Papassotiriou J.A.: 1065
 Papazafropoulou A.:
 1495
 Paplois A.: 1253
 Papousek F.: 275
 Papp Z.: 631, 633, 941,
 957, 1366
 Papp G.Y.J.: 1519
 Parada M.A.: 129
 Paraskevaidis I.: 465,
 1517
 Parati G.: 446
 Parcharidis G.: 406
 Parcharidou D.: 406
 Parenica J.: 735, 753,
 758, 766, 787, 793, 794,
 1505
 Parini A.: 1279, 1569,
 1597
 Parisi F.: 192, 803
 Parissis J.T.: 179, 403,
 869, 871, 875
 Parissis I.: 1080
 Park D.G.: 427, 896
 Park G.T.: 289
 Park H.: 802
 Park J.H.: 1409
 Park M.J.: 603
 Park R.K.: 1292
 Park S.: 620, 1218
 Parkhomenko A.: 746
 Parmon E.V.: 510
 Parnicka A.: 86
 Parodi O.: 854, 1595
 Parolini M.: 1595
 Parrinello G.: 48, 1476
 Parry A.: 1579
 Pascale A.: 1086
 Pascual Figal D.A.: 186
 Pascual Hernandez D.:
 872, 894, 1143, 1146
 Pascual-Figal D.A.: 783,
 792, 885
 Pasotti M.: 370, 420,
 1402
 Pasotti E.: 1504
 Pasowicz M.: 478, 1211,
 1212
 Pasquau F.: 1079
 Passey S.: 1557
 Passino C.: 428, 796,
 807, 845, 1216
 Pastena G.: 822, 832,
 860
 Pastore G.: 475, 494
 Pastore F.: 543
 Pastormerlo L.: 845, 1216
 Pataraya S.A.: 1525
 Pataricza J.: 1519
 Patel A.: 813
 Patel N.: 1227
 Paterna S.: 48, 1476
 Pathak A.P.: 715, 1426

Abstracts Authors

Name / Index Number

- Patil C.B.: 429
 Patrignani A.: 504
 Pattenden J.F.: 213, 657
 Pattoneri P.: 492
 Paul V.: 524
 Paulino A.: 1119
 Paulssen R.H.: 286
 Paulus W.: 1564, 1565
 Paun N.: 1196
 Pavie A.: 563
 Pavlidis P.: 1100
 Pavlovic M.: 903
 Pavlovic K.: 1187
 Pavlovic M.P.: 1203
 Pawlak A.: 63, 372
 Paya R.: 473, 839, 879
 Paz H.: 1076, 1416, 1417, 1582
 Pearman C.: 195
 Pederzoli L.: 531, 544, 1151, 1160
 Pedretti S.: 944
 Pedro Pabon Osuna PP.: 915
 Pedrosa A.: 105
 Pego-Fernandes P.M.: 203
 Pela G.: 492
 Pellens M.: 287
 Pello Lazaro A.M.: 872, 894
 Peltonen T.O.A.: 859
 Pena Rodriguez A.: 437
 Pena-Hernandez J.: 458, 514
 Pencic B.: 1226, 1433
 Penco M.: 857
 Pendharkar A.: 1392
 Penicka M.: 735
 Penkalla A.: 265
 Penninger J.M.: 278, 930
 Pepe S.: 1568
 Pepera G.: 435
 Peperas G.: 435
 Pereira J.C.P.: 69
 Pereira A.: 834, 1149
 Pereira L.: 190
 Pereira M.A.: 1183
 Pereira Barretto A.C.: 558
 Perepelchenko N.A.: 488
 Peres M.: 773
 Perez J.: 373
 Perez-Castellano N.: 97, 111, 1139, 1145
 Perez-Villa F.: 56, 206, 1576
 Perez-Villacastin J.: 97, 111, 1139, 1145
 Perimenis P.: 1541
 Perisic Z.: 536, 547, 903
 Perna E.R.: 712
 Perna S.: 1377
 Pernencar S.: 786
 Perrot A.: 575
 Perticone F.: 1086
 Perunicic J.: 1374
 Pescariu S.: 460, 1172
 Pessoa-De-Melo L.M.M.: 217, 432
 Peterson K.L.: 229
 Peterson R.C.: 244
 Petkar S.: 95
 Petrescu L.: 407, 460, 855, 1172, 1464
 Petrou A.T.: 117
 Petrov N.: 1376
 Petrovic M.: 457, 772, 1479
 Petrovic O.: 457, 772
 Petry A.: 131
 Petzhold D.: 1258
 Peuhkurinen K.: 32, 864
 Pezzali N.: 60, 512
 Pfeiffer D.: 520
 Pfister O.: 561, 950, 956, 971
 Pfisterer M.: 229, 561
 Phan T.T.: 597, 1561
 Phelan D.: 137, 813, 833, 1388, 1592
 Phrommintikul A.: 128, 906, 1095
 Piacenti M.: 571
 Piatkowski R.: 61, 71, 404, 476
 Piccoli M.: 822, 832, 860
 Pichler M.: 692
 Pieculewicz M.: 1213
 Pieniazek A.: 1236
 Piepoli M.: 1162
 Piergentili C.: 475, 494
 Pieske B.: 848, 1065, 1263, 1283, 1367, 1424
 Pietri P.: 812, 1167, 1458
 Pietrucha A.Z.: 1428, 1430
 Pilato M.: 191
 Pillai S.K.: 90
 Pimentel W.: 267
 Pimentel J.: 780
 Pina I.L.: 1488
 Pinamonti B.: 224, 412, 413, 418, 1447
 Pinho S.: 285
 Pinho T.: 293, 507
 Pinna G.D.: 889, 1158
 Pintahao M.: 254, 1251
 Pinter A.: 1521
 Pinto Y.M.: 666
 Piot C.: 606, 608
 Pipa J.: 798
 Piper H.M.: 1250, 1559
 Pipis J.: 1550
 Pirelli S.: 769
 Pires A.L.: 254, 285, 1251
 Pires P.V.: 1511
 Piriou N.: 277
 Pirk J.: 280
 Pirola A.: 879
 Pitaras M.: 901
 Pitsavos C.: 566, 812, 815, 1068, 1148, 1167, 1177, 1185, 1193, 1199, 1384, 1385, 1387, 1458, 1462, 1472
 Pitt B.: 52, 159, 719, 741, 882
 Pius C.: 180
 Pivetta A.: 412
 Piwowarska W.: 81, 1428, 1430
 Pizzinat N.: 1597
 Plaisance I.: 387, 971, 1363
 Plantholt S.: 1077
 Plaskota K.: 1156
 Plehn G.: 506, 716
 Pleskot M.: 858
 Poccia G.: 857
 Podnar G.: 811, 852
 Podolec J.: 1211
 Podolec P.: 478, 1211, 1212, 1213
 Podramagi T.: 602
 Poelz W.: 876
 Pohludkova L.: 794
 Pokreis P.: 287
 Pokrovskii YA.: 132
 Pokuschalov E.: 1401, 516, 1066, 1403
 Polak L.: 1503
 Polden J.: 586
 Poletti R.: 796, 1216
 Pollak A.: 1383
 Poller W.: 935
 Pollesello P.: 1519
 Poloczek M.: 1505
 Poloczko H.: 187
 Polonski L.: 207, 1421
 Polselli M.: 1135
 Poltavskaya M.: 410, 445
 Pombeni M.: 1141
 Poncela M.: 1552
 Poncelet P.: 143, 146, 147, 1443
 Ponikowska B.: 207, 221, 1234, 1421, 1508, 1510
 Ponikowski P.: 30, 207, 221, 711, 737, 757, 795, 1223, 1234, 1421, 1508, 1510
 Pons F.: 402, 895
 Pons S.: 1371

Abstracts Authors

Name / Index Number

- Poole-Wilson PA.: 78,
207, 1117, 1124
Pop C.: 841
Papa A.: 820
Papa A.I.: 1195
Papa D.: 407, 847
Popelova O.: 249, 582
Popescu B.A.: 33
Popin S.: 1187
Popov S.: 66, 861, 1566
Popovic D.: 1479
Porat E.: 230, 231, 1593
Porciani MC.: 572
Porteous H.: 1074
Porter K.E.: 1588
Portillo Requena C.: 212
Portoles M.: 835, 839,
967, 1379, 1434, 1436
Posa A.: 614
Posch M.G.: 575
Possemiers N.: 630, 664,
1378
Posteraro A.: 822, 860
Postula M.: 61, 71
Potashev S.V.: 488
Potashnik Y.: 298
Potekhin M.: 181, 1383
Pouchelon J.L.: 1371
Poulet C.: 1288, 1289
Poulios P.: 572
Poveschenko O.: 1403
Pozios H.: 150, 274
Pozios I.: 1475
Pozsonyi Z.: 863, 1518
Pozzi A.: 176
Prajs I.: 1207
Pras E.: 298
Prehar S.: 1261
Preobrazhensky D.V.:
130, 1525
Prescimone T.: 850
Pretorius S.: 1235
Prieto Arevalo R.: 872,
894
Prinz C.: 880
Priori S.G.: 1367
- Proclemer A.: 118
Prohaszka Z.: 863, 1518
Prohorova D.: 98, 1066
Prokopova R.: 595
Prontera C.: 845
Prost P.L.: 143, 146
Protze S.: 1288
Providencia L.A.: 471,
508, 770, 1450, 1467,
110, 121, 133, 210, 539,
958, 959, 1460
Providencia R.: 755, 828,
1493, 68
Prunier F.: 258
Ptaszynski P.: 72
Puceat M.: 1295, 1296
Pudil R.: 157, 474, 592
Pulkki K.: 32
Punnonen K.R.: 864
Puschita M.: 841, 847,
1163
Puskas G.L.: 1553
Puskas L.G.: 1573
Puzzovivo A.: 214
Pyankov V.: 1528
Pyrgakis V.: 1080, 1224
Pyxaras S.: 224, 412,
413, 1447
Quelhas I.: 834
Quintana F.: 73
Quintao M.M.P.: 69, 88
Quintao S.: 153, 172
Quintao M.M.P.: 1091,
1208, 1209, 1480
Qureshi A.O.: 1197
Ovigstad E.: 843, 951,
1264, 1540
Ra H.: 438
Raanan E.: 1284
Rabinovich P.: 732
Raddatz E.: 944
Radicke S.: 1275
Radin J.: 620
Radojicic S.: 455
Radosavljevic M.: 831
Radosinska J.: 228, 1368
- Radovanovic M.: 1374
Radovanovic N.: 831,
1374
Radovanovic S.: 1459
Raducan A.: 1556
Radulescu B.: 199, 1445
Radulescu N.: 1451
Radzewitz A.: 1085
Raggi E.: 1135
Rahman F.: 1486
Rahn I.: 1065
Raimundas Lekas D.R.:
1238
Raju P.: 1483
Rallidis L.: 1432
Ramaekers B.: 1103
Ramakrishnan S.: 776,
1117, 1124, 1392,
1530
Ramesh S.V.: 90, 1176
Ramires F.: 267
Ramires J.A.F.: 432, 558
Ramos A.: 654
Ramos B.: 1153, 1154,
1155
Ramos I.: 507
Ramos R.: 417, 525, 548
Ramos Isabel A.: 97,
1139, 1145
Ramzan R.: 1562
Randjelovic M.: 547
Ranocchi F.: 182
Ranucci M.: 204
Rao C.M.: 511, 572
Rao G.K.: 1483
Rasoulian B.: 923
Rastogi S.: 1290
Ratcliffe M.B.: 242, 243
Rathbone W.E.: 1404
Rau T.: 623
Rauchhaus M.: 1166
Raudenska M.: 237, 1577
Ravens U.: 49, 1275,
1288, 1289
Ravingerova T.: 227, 259,
279, 946
- Ray R.: 282, 1254, 1400,
1589
Raymond R.: 1136
Rdzanek H.R.: 63, 372
Rebellato L.: 118
Rebocho M.J.: 185
Rebola A.: 554
Rebollar V.: 163
Rebrov A.P.: 161
Recchia FA.: 850
Reddy S.K.: 1124
Regitz-Zagrosek V.: 265,
1580, 1581
Reid K.J.: 733, 745, 862
Reinhardt L.: 1200
Reis L.S.R.: 1138, 1144
Reiss N.: 738
Reiters P.: 108, 297
Reji S.: 1259
Rekik S.: 1157
Renaud J.F.: 1295, 1296
Renieblas P.: 1106, 1107
Rentoukas E.: 1100
Repasos E.: 117
Rephaeli A.: 250
Reppas E.: 546
Resl M.: 1168
Restrepo J.: 373
Rexhepaj N.: 1465
Rezek M.: 416
Rhee S.J.: 470, 1218
Rhiel A.: 1562
Rho T.H.: 774
Rhu G.H.: 603, 604
Riad A.: 1585
Ribeiro S.: 1183
Ribeiro G.: 1502
Ricci R.R.: 881
Riccio C.: 1162
Rich M.W.: 374
Richter A.: 589
Rickard A.: 236
Rickard A.C.: 235
Ricotta A.: 126
Ridocci Soriano F.: 373,
879

Abstracts Authors

Name / Index Number

- Riegel B.: 374
 Rietz A.: 1270
 Rigatelli G.: 475, 494
 Rigby A.S.: 100, 223, 399, 562, 801, 1132, 1474
 Rigopoulos A.G.: 1394, 1432
 Riise J.: 1540
 Riksen N.: 958, 1247
 Riley J.: 1104
 Rimbaud S.: 1554
 Rinaldi E.R.: 1141
 Ring M.: 542
 Ritchie J.: 180
 Ritter O.: 668
 Rivera Otero M.: 473, 835, 839, 967, 1379, 1434, 1436
 Rivera Rabanal F.J.: 437
 Rivlin Y.: 1231
 Rizos I.: 1394, 1432
 Rizzo M.: 693
 Robbi E.: 1158
 Rocchetti M.: 969, 1255, 1277, 1278
 Rocchiccioli J.P.: 248
 Rocha S.: 1183
 Rocha N.N.R.: 1209
 Rocha-Goncalves F.: 1564, 1565
 Roche F.: 452
 Rodrigues B.: 288, 798
 Rodrigues E.A.: 166
 Rodrigues R.: 293
 Rodriguez-Gonzalez J.: 693
 Rodriguez-Sinovas A.: 707, 1551
 Rodway N.: 518
 Roelleke E.: 1085
 Roemen T.H.: 934
 Roeykens J.: 630
 Rogelio Gonzalez R.G.S.: 1574
 Rogov K.A.: 1514
 Rogowski O.: 1582
 Rohn V.: 127
 Roig E.: 56, 206, 1576
 Roig-Minguell E.: 1072, 1088
 Roik M.: 67, 905, 1175, 1181
 Rojewski M.T.: 1299
 Roleder T.: 1560
 Rolles M.: 1198
 Rolland-Turner M.: 1584
 Romaguera R.: 373
 Romano S.: 857
 Romanov A.: 98, 516, 1066, 1401, 1403
 Romanov YA.: 1406
 Romeo M.D.: 860
 Rominger M.B.: 439
 Romuk E.: 1395
 Ronca-Testoni S.: 253, 947
 Roncon L.: 475, 494
 Rondinini L.: 448, 526, 866, 1242
 Roosimaa M.: 602
 Roovers L.: 1198
 Rooyen J.: 271
 Roque M.: 1576
 Rosanio S.: 461
 Rosano G.: 1411, 1492
 Rosc-Schlueter B.I.: 950, 956, 971
 Rosello-Lleti E.: 473, 967, 1434, 1436
 Rosen S.D.: 1104
 Rosenberg E.: 1133
 Rosjo H.: 369
 Rossi A.: 824, 1453
 Rossi P.: 1135
 Rossignol P.: 52, 517, 521, 719, 1586
 Rota S.: 1393
 Roubille F.: 606, 608
 Roughton M.: 78
 Roul G.: 1093
 Roulia G.: 559
 Roussel J.: 247
 Roy A.: 70, 1117, 1124
 Rozec B.: 277
 Rozentryt P.: 207, 1421
 Rubin W.: 211, 222, 917
 Rubis P.: 1211, 1212
 Rucker C.: 1295
 Rucker-Martin C.: 960, 1296
 Rudowski R.: 1500
 Ruff R.: 1516
 Ruiz Olgado M.J.: 915, 1574
 Ruiz-Bustillo S.: 693
 Ruiz-Meana M.: 707, 1551
 Rupp H.: 439
 Ruppert V.: 589, 945
 Ruppert Mazzo F.R.: 939
 Ruscazio M.: 1484
 Rusinaru D.: 226, 1172
 Ruskoaho H.: 859
 Russel I.K.: 1067
 Russo M.: 54, 55
 Ruta J.: 72
 Rutkai I.: 631
 Rutkovskiy A.: 1248
 Rutten F.H.: 136, 449, 1127, 1128
 Ruusalepp A.: 602
 Ryan G.: 101
 Ryder M.: 1082, 1112
 Rydlewska A.: 1223, 1234, 1510
 Rynkiewicz A.: 658, 1152
 Ryu K.H.: 624, 718, 837, 838, 1291, 1292
 Ryu W.S.: 1463
 Ryzhkova D.V.: 510
 Ryzkova D.: 1376
 Rzezak J.R.: 372
 S Kanagasingam N.: 1596
 Saatashvili G.: 1217
 Sabbadini G.: 412, 413, 414, 867
 Sabbah H.N.: 144, 242, 243, 244, 266, 1290
 Sabbah M.S.: 144, 1290
 Sabet S.: 1136
 Sabovic M.: 1165
 Sacherer M.: 1283
 Sachs A.: 1073
 Sacilotto L.: 292
 Sack S.: 524
 Sadeghian H.: 498
 Sadr-Ameli M.A.: 550
 Saha G.K.: 1486
 Sahin I.: 1194
 Sahnoun M.: 1192
 Saikali K.: 135, 149, 174
 Sainani G.: 626, 627
 Sainz A.: 693
 Saito S.: 145, 1159, 1173
 Sakadakis E.A.: 1394, 1432
 Sakadamis G.: 764
 Sakai T.: 781
 Sakoda T.: 1233, 1587
 Salama M.: 599
 Salas M.A.: 1257
 Salemi V.: 267
 Salerno A.: 82
 Salerno-Uriarte J.A.: 176
 Salgado A.: 1183
 Salih M.: 1272
 Salinger S.: 536, 547
 Salinger-Martinovic S.S.M.: 1203
 Salman N.: 1076, 1416, 1417
 Salpeas V.: 1394, 1432
 Salustri A.: 822, 832, 860
 Salvador A.: 473, 967
 Salvati A.: 126
 Salvatore F.: 590
 Samardzic J.: 188
 Samiei N.: 550
 Samkharadze T.: 970
 Samko A.N.: 1406
 Sampaio F.: 888, 1473
 Samuel J.L.: 269

Abstracts Authors

Name / Index Number

- Sanada S.: 509, 1161, 1490
 Sanchez H.: 1554
 Sanchez J.A.: 707
 Sanchez R.: 1079
 Sanchez Fernandez PL.: 1143, 1146
 Sanchez-Mas J.: 186
 Sanchez-Tembleque C.: 836
 Sanchis J.: 695
 Sandberg W.J.: 1563
 Sanden E.: 1370
 Sandesc D.: 1556
 Sandri M.: 1228
 Sanfins V.: 1149
 Sanhueza H.: 816, 1186
 Santha M.: 609
 Santi F.: 1141
 Santillo E.: 291
 Santini M.: 107
 Santini D.: 395
 Santise G.: 191
 Santoro C.: 1275
 Santos J.F.: 493, 1482
 Santos L.: 288, 1482
 Santos N.: 529
 Santos O.: 288, 798
 Santos R.H.: 190
 Santos S.: 533
 Santos W.: 1098, 1498
 Santosh MJ.: 429
 Sapia L.: 1257
 Saporetti A.: 754
 Sarafraz N.: 1268
 Saraiva F.: 110, 133, 1467
 Saranteas T.: 1541
 Sarao' E.: 884
 Sarbu A.: 426, 1407, 1461
 Sarev T.: 542
 Sargento L.: 523, 554, 851
 Saric J.: 1459
 Sarli B.: 77, 810
 Sarmiento P.: 417
 Sartorio C.L.: 1552
 Sashida Y.: 775
 Sassi Y.: 386
 Satar S.: 578
 Sato N.: 768, 781, 782
 Sato T.: 145, 225, 1159, 1173, 1214
 Sato Y.: 168, 870
 Satoh M.: 396
 Satoh N.: 759, 940
 Satoh T.: 842
 Saturno G.: 1255
 Sauter M.: 935
 Savelov N.A.: 132
 Savenkova G.: 541
 Savic L.: 831, 1374
 Savino M.: 809
 Savoure A.: 530
 Sawatis K.: 1369
 Saxena A.: 70, 463, 1124, 1392
 Saxena S.: 116
 Sbaraglia F.: 182
 Sblattero D.: 1275
 Scardovi A.B.S.: 881
 Schaad F.: 431, 433
 Schafers H.J.: 1555
 Schalij M.J.: 200, 1446, 1547
 Schena F.: 1239
 Schenal N.: 494
 Schlecht-Bauer D.: 943
 Schlesinger H.: 250
 Schlipp A.: 444, 576, 577
 Schlossarek S.: 390
 Schlueter K.D.: 283, 799, 1537
 Schmidt K.: 257
 Schmidt R.: 301
 Schmidt-Lucke C.: 632, 1369
 Schneider H.: 827
 Schneider M.: 1085
 Schneider M.D.: 663, 961
 Schneider R.: 1258
 Schnell F.: 1466
 Schoenbrodt M.: 738
 Scholten M.F.: 505
 Schonberger J.: 668
 Schotola H.: 1549
 Schou M.: 868, 1075
 Schreckenberger R.: 283, 799, 1537
 Schroen B.: 388, 666
 Schubert C.: 265
 Schuchert A.: 515, 519, 527, 532
 Schuermann F.: 390
 Schuler G.: 1228
 Schultheiss H.P.: 394, 632, 1232, 1369, 1585
 Schulz R.: 955
 Schulze C.: 1232
 Schuster M.: 278
 Schwanke K.: 1286
 Schwarz M.: 409
 Schwarzbach V.: 576, 577
 Sciacca S.: 191
 Sciacqua A.: 1086
 Sciarretta S.S.: 881
 Scipioni A.R.: 558
 Scislo P.: 61, 67, 71, 404, 476, 1175
 Sebag-Montefiore L.: 710, 938
 Sebestjen M.: 1165
 Seca L.: 68, 755, 797, 828, 1493
 Secoli G.: 418, 1447
 Sedej S.: 1283, 1367
 Sedmera D.: 616
 Sedov V.: 434, 1376
 Sedova K.A.: 965, 966
 Seetha Rammohan H.: 154, 166, 195, 1483
 Sefedini E.: 1487
 Seferou M.: 177, 821
 Seidler T.: 1549
 Seidman J.G.: 230, 231
 Seidova N.M.: 75
 Seino Y.: 940
 Sejersen T.: 579
 Sejersted O.M.: 948
 Sela G.: 615
 Selcuk E.: 1134
 Semecky V.: 936
 Semple D.: 1252
 Semrad M.: 127
 Senard J.M.S.: 715, 1426
 Senior R.: 135
 Seppet E.: 602
 Seprenyi G.Y.: 261
 Sepulveda Morales L.: 816, 1186
 Sequeira V.: 285
 Serafinovich I.: 442
 Serag A.: 459
 Serban I.: 1451, 1457
 Serban M.: 1451, 1457
 Serebyuk N.M.: 198
 Serebyuk V.: 198
 Serenella Castelvechio S.C.: 202
 Serio A.: 370, 420, 1402
 Serra J.: 548
 Serra W.: 1527
 Serrano Sanchez J.A.: 872, 894, 1143, 1146
 Seth S.: 581, 776, 1117, 1124, 1392, 1400, 1530, 1589
 Seung K.: 802
 Sevic L.J.: 811, 852, 1433
 Sevilla B.: 473
 Seymour A.M.L.: 585, 1252
 Sfakianiakis K.: 559
 Sfirakis P.: 113, 120
 Shabanov V.: 98
 Shaburishvili T.: 174
 Shah M.K.H.: 180
 Shah A.M.: 282, 629, 933, 954, 968, 1254
 Shahzad T.: 1250
 Shainberg A.: 1593

Abstracts Authors

Name / Index Number

- Shalaby S.: 459, 1454, 1523
 Shaporova N.L.: 79
 Sharashidze N.: 1217
 Sharin Tang M.: 489
 Shaseb E.: 260, 928
 Shatskii A.S.: 205
 Shattock M.J.: 1271
 Shavgulidze K.B.: 1514
 Shaw S.M.: 180, 1583
 Shchekochihin D.: 1140
 Shchekochikhin D.: 440, 849, 877
 Sheehan S.: 101
 Sheela A.: 429
 Sheeran F.: 1568
 Sheiban I.: 531, 544, 1151, 1160
 Sheikh-Fathollahi M.: 498
 Shelia G.: 178
 Shen L.: 1122
 Shende P.: 1363
 Sherman A.S.: 109
 Shetty G.G.: 429
 Shi Y.: 935
 Shiga T.: 742
 Shigemasa C.: 53, 791, 893
 Shih J.C.: 281
 Shim C.Y.: 470, 1218
 Shim T.J.: 1291
 Shin E.K.: 1470
 Shin M.S.: 1470
 Shinada T.: 219
 Shirakabe A.: 219, 940
 Shiva F.: 164
 Shkolnik E.: 148, 160
 Shkurat I.: 1412
 Shlyakhto E.: 79, 555, 579, 694
 Shmakov D.N.: 965, 966
 Shnaider O.: 66
 Shnizer S.: 1231
 Shochat M.: 732
 Shofti R.S.: 109
 Shornikov S.: 410
 Shotan A.: 732
 Shpillberg O.: 299
 Shtepa O.: 874
 Shukla N.: 919
 Shukla D.H.: 1246
 Shukrullah I.: 57
 Shyu K.G.: 1572, 1594
 Siasos G.: 83
 Sicard S.: 263
 Sicard P.: 706, 929
 Sichev A.: 175
 Sida V.: 655
 Siddique A.: 1486
 Siddiqui T.: 964
 Sidorenko B.A.: 130, 1525
 Sigemasa C.: 790
 Siirila-Waris K.: 32
 Sikkeland L.I.: 34
 Silman Z.: 1287
 Silva A.: 908
 Silva E.: 1125
 Silva G.: 1473
 Silva G.F.: 773
 Silva IV.: 1144
 Silva J.: 68, 755, 1184
 Silva R.: 1419
 Silva S.: 916, 1215
 Silva Tinoco R.: 162, 163, 909, 910
 Silva-Cardoso J.: 507
 Silveira G.: 1502
 Silvestri F.: 414
 Silvestri P.: 532
 Sim HW.: 90, 1176
 Simic A.: 1433
 Simic D.: 455, 1459
 Simic T.: 1459
 Simiti A.: 1381
 Simo R.: 899
 Simoes O.: 486, 1526
 Simon A.: 50
 Simonds A.K.: 556
 Simor T.: 1456
 Simunek T.: 249, 582
 Sinagra G.: 224, 412, 413, 414, 418, 867, 1447
 Sinescu C.: 820, 844, 1178, 1195, 1494
 Singh R.: 74, 453
 Singh S.: 1530
 Singh Curry R.: 551
 Sinikova M.Y.: 79
 Siniorakis E.: 559
 Sinning D.: 394, 1232
 Sionis A.: 206
 Siqueira S.: 105
 Sirianni G.: 740
 Sironi L.: 593
 Sitafidis G.: 466
 Sitges M.: 56
 Sitnikova M.: 555
 Siva A.: 933
 Sjaastad I.: 369, 843, 1264, 1539
 Sjoberg G.: 579
 Skaardal R.: 522
 Skalski J.: 1213
 Skomedal T.: 843, 951, 1264, 1539, 1540
 Skoric B.: 188
 Skoromnaya A.: 874
 Skoularigis J.: 466, 479, 751
 Skoumas C.: 566
 Skoumas J.: 815, 1185
 Skrzep-Poloczec B.: 1395
 Skvortsov A.: 1418
 Slezak J.: 228
 Sliva K.: 415, 1235
 Sljivic A.S.: 1226, 1397
 Sloboda N.: 1586
 Sluijter J.P.G.: 1297
 Smit D.: 827
 Smith A.L.: 216
 Smith K.: 585
 Smith H.: 871
 Smith S.: 913
 Smits G.: 621
 Snyman T.: 1235
 Snytnikova A.V.: 1101
 Soares L.N.: 493, 496
 Soares R.: 916, 1215, 1219
 Soares S.S.: 1480
 Sobkowicz B.: 484
 Sochalski J.: 374
 Sokolov A.N.: 1406
 Soler R.: 405
 Solinas R.: 1484
 Solomakhina N.: 440, 849, 877
 Somers S.: 952
 Somsen G.A.: 1230
 Song W.: 580
 Song B.K.: 838
 Sonin D.: 239
 Sonin D.L.: 240
 Soon C.Y.: 1122
 Soos P.: 557
 Soosova I.: 400
 Soria F.: 1379, 1434
 Soriano C.J.: 373
 Soulef G.: 1119
 Sousa E.: 780
 Sousa F.: 834, 1149
 Sousa J.: 523, 554
 Sousa O.: 1097
 Souza G.E.C.S.: 190, 203, 217, 292, 432, 714
 Soya O.V.: 155, 1485
 Spadaro O.: 531, 544, 1151, 1160
 Spagnolli W.: 884
 Spanou D.: 1541
 Spargias K.: 503
 Spertus J.A.: 733, 745, 756, 862
 Spiegelstein D.: 1284
 Spiers J.P.S.: 1270
 Spiess J.: 1263
 Spina G.: 1120
 Spinar J.: 237, 735, 753, 758, 766, 787, 793, 794, 1505

Abstracts Authors

Name / Index Number

- Spinarova L.: 187, 416, 1575
 Spinnler M.T.: 826
 Spoladore R.: 82
 Sportouch-Dukhan C.: 608
 Sprenger C.: 49, 747
 Springer J.: 251, 619
 Sredni B.: 184
 Stahlberg M.: 108, 297
 Stahlhofen S.: 955
 Stain N.: 112
 Stakheev D.: 611
 Stakos D.: 193
 Stamenkovic D.: 1471
 Stancheva N.: 800, 890
 Standen N.: 1237
 Stanescu C.: 1201
 Stanescu Cioranu R.: 567
 Stankovic S.: 772
 Stankovic G.: 831
 Stankovic S.: 831
 Stanley P.J.: 1261
 Stanojevic D.: 547, 1203
 Stanojilovic T.: 547
 Starczewska M.H.: 67, 905, 1175, 1181
 Startari U.: 571
 Stasko J.: 173
 Stauber R.: 1524
 Stecher S.: 152
 Steckiewicz R.: 419
 Steedman T.: 696
 Steendijk P.: 200, 1446, 1547
 Stefanadi E.: 83, 167
 Stefanadis C.: 83, 167, 566, 634, 812, 815, 1068, 1148, 1167, 1177, 1185, 1193, 1199, 1384, 1385, 1387, 1422, 1458, 1462, 1472
 Stefanovic B.: 831
 Steinacher R.: 692
 Steinbeck G.: 49
 Stellato S.: 461
 Stenberg T.A.: 1370
 Stengl M.: 1570
 Stenslokken K.O.: 1248
 Stepanovic J.: 480
 Stepien V.: 419
 Stepinska J.: 165
 Sterba M.: 249, 582
 Sternik L.: 1284
 Stevancec D.: 1113
 Stevanovic A.: 811, 852, 1433
 Stevens M.: 597, 1561
 Stewart S.: 374, 415, 1235
 Stillitano F.: 591
 Stockinger J.: 125
 Stoica E.: 567, 717
 Stoica M.: 1119
 Stojadinovic M.: 1471
 Stojanov V.: 1479
 Stojkovic S.: 480
 Stojisic Milosavljevic A.: 1187
 Stopyra K.: 1428, 1430
 Storrow A.: 765
 Straburzynska-Migaj E.: 1222, 1229
 Strasser R.H.: 931
 Strbak V.: 259
 Stridsberg M.: 369
 Stritesky M.: 127
 Striuli L.S.: 1531
 Strizhakov L.: 1140
 Strohmmer B.: 692
 Stromberg A.: 401, 656
 Struck J.: 762, 804, 1168, 1420, 1423, 1427
 Strunk G.: 1168, 1420, 1427
 Strunz C.M.: 432
 Studinger P.: 1521
 Stulik J.: 592
 Styliadis I.: 406
 Su Y.D.: 942
 Suffredini S.: 947
 Sugden P.H.: 1365, 1591
 Sugihara S.: 790, 791, 893
 Sukhorukov O.: 1373
 Sulaiman H.M.: 84
 Suleiman M.S.: 617, 919, 1557
 Suliman A.E.A.: 158
 Suliman I.M.: 1087
 Sulimov V.: 75, 1164, 1489
 Sun J.: 245, 600, 601
 Sun K.: 242, 243
 Sund R.: 32
 Suslova T.: 861
 Suteu C.: 1534
 Suzic J.S.: 1226, 1397
 Suzmecelik E.: 241
 Suzuki H.: 145, 1159, 1173
 Suzuki Y.: 219
 Svatek E.: 1073
 Svet AV.: 1101
 Sviglerova J.: 1570
 Svobodova D.: 237
 Swedberg K.: 733, 745, 752, 756, 1132, 1133, 1204
 Swinnen M.: 388, 666
 Swirida O.N.: 156
 Sychev AV.: 1406
 Sykora R.: 1570
 Syrensky A.V.: 239, 240
 Syrkin A.: 410, 445, 1101
 Szabados C.S.: 1516
 Szabo B.: 87
 Szabo G.Y.: 557
 Szabo B.: 886, 892, 1081
 Szabo N.: 1081
 Szadkowska I.: 823, 1503
 Szarszoi O.: 280
 Szenasi G.: 614, 1573
 Szentmiklosi J.: 631
 Szentpali Z.S.: 1521
 Szerafin T.: 631
 Szili Torok T.: 92
 Szoke Z.S.: 426, 1461
 Szolnoky J.: 1519
 Sztefko K.: 1428, 1430
 Szucs G.: 270, 271
 Szunyog A.: 252, 609
 Szymanski F.M.: 1441, 1500
 Szyzka A.: 497
 Tabib A.: 973, 1244
 Tabuchi T.: 396
 Taccardi AA.: 140, 744
 Tadic M.: 455
 Tageldien A.A.: 215
 Tagliani M.: 370, 420
 Taglieri C.: 1171, 1182
 Tahirovic E.: 1174
 Takagi A.: 781
 Takahashi Y.: 396
 Takano T.: 759, 768, 782
 Takano-Iwai M.: 1214
 Takatsu Y.: 168, 870
 Takayama M.: 781
 Takeishi Y.: 145, 225, 232, 705, 842, 1159, 1173, 1214
 Takimoto E.: 281
 Taluzina I.V.: 1525
 Tamareille S.: 258
 Tanaka K.: 759, 782
 Tanaka S.: 898
 Tanaka T.: 76
 Tanaseanu C.: 447
 Tanchilevitch A.: 1231
 Tani C.: 807
 Taniguchi R.: 168, 870
 Tarasenko N.: 250
 Tarasoutshi F.: 1120
 Tarazona N.: 266
 Tarperi C.: 1239, 1240
 Taskinen P.: 859
 Tatenkulova S.: 175, 1398, 1399
 Tavares M.: 765
 Tavares Aguiar C.M.: 185
 Tavazzi L.: 91, 142, 151, 734, 739
 Tavoni A.: 807

- | | | | |
|--|--|---------------------------------------|--|
| Taylor J.: 1126, 1220 | Thomaidi A.: 193 | Torrado M.: 932 | Tsagalou E.: 150, 1405 |
| Tebbe U.: 49 | Thomas M.: 1256 | Torres A.: 48, 1476 | Tsai C.S.: 853 |
| Tedesco L.: 142 | Thuillez C.: 247 | Torres D.: 48, 1476 | Tsakiridis K.: 546 |
| Teerlink J.R.: 30, 149, 711, 737, 750, 757, 795 | Tibazarwa K.: 415 | Tortorella G.: 89, 549 | Tsaknakis T.: 751 |
| Teichman S.L.: 30, 711, 737, 757, 795 | Ticho B.: 152, 618, 620, 621, 622 | Torzewski J.: 1299 | Tsarouhas K.: 1100 |
| Teis A.: 873 | Tichy M.: 592 | Tosovsky J.: 127 | Tschoepe C.: 394, 632, 935, 1232, 1369, 1446, 1585 |
| Teixeira R.: 105, 121, 133, 210, 471, 508, 539, 770 | Tikkanen J.: 859 | Toste A.: 916, 1215, 1219 | Tseliou E.: 103, 274, 1405, 1475 |
| Teixeira M.: 888 | Timmer S.A.: 1067 | Toth A.: 631, 633, 941, 957, 1366 | Tsiachris D.: 812, 815, 1199 |
| Teixeira R.: 1450, 1460, 1467 | Timotio A.: 525 | Toth L.: 1456 | Tsiamis E.: 566, 1185, 1384 |
| Teixeira M.: 1473 | Timour Q.: 973, 1244 | Toumanidis S.: 1405 | Tsiapras D.: 1517 |
| Tek M.: 85, 169, 302, 818 | Tincani A.: 483 | Tousoulis D.: 83, 167, 634, 812, 1422 | Tsiatas M.: 634 |
| Tektonidou M.: 1123 | Tinoco G.A.T.: 69 | Trabels I.: 1157, 1192 | Tsiagri G.: 907 |
| Temesvari A.: 482, 1521 | Tinoco R.T.: 69 | Tracz W.: 478, 1211, 1212, 1213 | Tsimiklis G.: 467, 487 |
| Temporelli P.L.: 1453 | Tinoco Mesquita E.T.M.: 88, 1208, 1480 | Tramarin R.: 1162 | Tsirogianni A.K.: 503 |
| Ten Brinke E.A.: 200, 1446 | Tirziu C.M.: 1137 | Trapanese C.: 48, 1476 | Tsitlakidis K.: 1517 |
| Ten Cate F.J.: 92 | Tisheva S.: 800, 890 | Trappe H.J.: 506, 716 | Tsitsimpikou C.H.: 1100 |
| Tentolouris C.: 634 | Tissier R.: 257, 921, 1371 | Travers B.: 1083, 1112 | Tsujino T.: 1233, 1587 |
| Tentolouris N.: 1495 | Toader D.: 598, 1478, 1544, 1545 | Treguer F.: 258 | Tsur-Gang O.: 1285 |
| Tepes Piser I.: 567 | Toblli J.: 709 | Treiman M.: 920 | Tsutamoto T.: 76, 397 |
| Terehov I.: 1401, 1403 | Toepper A.: 1200 | Trejo C.: 816, 1186 | Tsverava D.: 472, 596, 1413 |
| Teresa Gonzalez T.G.: 915 | Toganel R.: 1534 | Trembath R.: 112 | Tsverava M.: 472, 596, 1413 |
| Terrovitis J.: 103, 150, 274, 1475 | Toggwiler S.: 561 | Tremoli E.: 593 | Tsygankov A.: 246 |
| Tesak M.: 1505 | Tognoni G.: 1108 | Treshkur T.V.: 510 | Tuana B.S.: 1272 |
| Teucher N.: 1549 | Tolosana J.M.: 56 | Triantafyllis A.: 1394 | Tulner S.A.: 200 |
| Tham E.L.: 1591 | Tomashevska O.Y.: 501 | Tribouilloy C.: 226 | Tumasyan L.R.: 58, 565 |
| Thanopoulos V.: 1391 | Tomasik A.R.: 189, 1395, 1529 | Tribulova N.: 228, 1368 | Tummala H.: 1298 |
| Thebault C.: 464 | Tomasov P.: 575 | Tricarico Rosano C.: 291 | Turazza F.M.: 122 |
| Thebault J.F.: 143, 146, 147, 1443, 1444, 1449, 1452 | Tomcikova D.: 753, 787, 794 | Tricarico Rosano P.: 291 | Turchi S.: 854 |
| Theodoropoulos S.T.: 99, 124 | Tomescu M.C.: 1535 | Trifanescu R.: 201 | Turner N.A.: 1588 |
| Theodoropoulos T.A.D.: 422, 423 | Tomkiewicz-Pajak L.: 1213 | Trifunovic D.: 457, 772 | Tuvia S.: 1285 |
| Theodorou L.: 1247 | Tonhajzerova I.: 300 | Trigo J.: 902, 1098, 1498 | Tytova A.: 1431 |
| Theuns D.F.: 92 | Tonini G.: 395 | Trikalinos N.: 1385, 1387 | Tziakas D.N.: 193 |
| Theuring N.: 931 | Toniolo M.: 824 | Trikas A.: 83 | Tziolas N.: 479 |
| Thierfelder L.: 298 | Topaiboon P.: 1095 | Tripodiadis F.: 216, 466, 479, 751 | Tziovas A.R.: 560, 1170 |
| | Toporin D.: 447 | Tripotenti M.: 1398, 1399 | Tzonev S.N.: 911 |
| | Toprak N.: 1380 | Trochu J.N.: 277 | Uccellini A.: 126 |
| | Topsakal R.: 77, 810 | Trojanarska O.: 1156 | Ueland T.: 522 |
| | Torabi A.: 100, 223, 562, 1474 | Trujillo F.: 836 | Ulbricht L.J.: 301 |
| | Torp-Pedersen C.: 691 | Trujillo Berraquero F.: 437 | Ulicna O.: 279 |
| | | Trukshina M.: 555 | |

Abstracts Authors

Name / Index Number

- Ulrike M.: 232
 Ulyrchova M.: 592
 Unalir A.: 85, 818
 Unemori E.: 30, 737, 795
 Unsoeld B.: 1549
 Urbinati S.: 734
 Urrutia A.: 402, 873, 895, 899, 1096
 Uslu I.: 169
 Uslu A.: 1194
 Ussoli A.: 784
 Usurelu C.: 1496
 Vaage J.: 1248
 Vaccari D.: 543
 Vaes B.: 451
 Vaiciulyte Ruta D.R.: 1238
 Vaillant F.: 973, 1244
 Vakalyuk I.P.: 198
 Valadri R.: 57, 65
 Valdes M.: 186, 405, 783, 792, 885
 Vale W.W.: 229
 Valen G.: 1248
 Valente S.: 142
 Valente M.: 554
 Valero R.: 835
 Valet P.: 1279
 Valim L.R.: 217, 432
 Valk M.: 449
 Vallauri P.: 1171, 1182
 Valle A.: 373
 Valle R.: 712, 740
 Valle V.: 873
 Valle A.: 879
 Valle V.: 895, 899, 1096
 Valle R.: 1171, 1182
 Valleggi A.: 845
 Vallejos I.: 1576
 Valsecchi S.: 94
 Valverde C.A.: 1257
 Van Almen G.C.: 666
 Van Beek-Harmsen B.J.: 1210
 Van Berckelaer C.: 1522
 Van Berendoncks A.M.: 664, 1378
 Van Bilsen M.: 934
 Van Bracht M.: 506
 Van Craenenbroeck E.: 630, 1522
 Van De Sand A.: 955
 Van Der Harst P.: 1506
 Van Der Laarse W.J.: 912, 1210
 Van Der Palen J.: 505
 Van Der Spank A.: 1230
 Van Der Vusse G.J.: 934
 Van Der Wall E.E.: 200, 1446
 Van Deurs U.: 920
 Van Es J.: 505
 Van Gilst W.H.: 1506
 Van Leeuwen R.E.W.: 388
 Van Linthout S.: 632, 1369
 Van Mechelen W.: 1210
 Van Mil A.: 1297
 Van Nieuwenhoven F.A.: 934
 Van Rooyen J.: 270, 578, 953
 Van Rossum A.C.: 1067
 Van Tol A.F.: 1547
 Van Veldhuisen D.J.: 78, 1069, 1506
 Van Velzen E.: 449
 Van Vliet P.: 1297
 Vandecasteele G.: 386, 1267, 1269
 Vandekerckhove H.: 1114
 Vandenberghe S.: 287
 Vanderheyden M.: 808
 Vanderper A.: 924, 925
 Vanhouthe D.: 388, 666
 Vanoli E.V.: 1531
 Varbaro A.: 107
 Varga I.: 400
 Varga-Szemes A.: 1456
 Varghese K.: 429
 Varnous S.: 563
 Varounis C.: 875
 Varro A.: 1519
 Varshitsky B.: 181
 Vasconcelos M.: 129
 Vasile R.: 199
 Vasiljevic Z.: 831, 1374
 Vasiljevic-Pokrajcic Z.: 772
 Vasiliou V.: 1123
 Vasku A.: 237, 1505, 1575, 1577
 Vassanelli F.: 771, 784
 Vassanelli C.: 824, 1240
 Vassiliadou K.: 1068, 1387
 Vasyuk YA.: 148, 160
 Vataman E.B.: 1414
 Vatinian S.: 1437, 1438
 Vausort M.: 914
 Vavouris M.: 274
 Vavrova A.: 582
 Vazir A.: 556
 Vazquez O.: 1419
 Vazquez Diaz O.: 163, 909, 910
 Vazquez-Diaz O.: 162
 Vegh J.: 261
 Veiga A.: 523
 Veikutis Vincentas D.R.: 1238
 Veksler V.: 1554, 1567
 Velez Rueda J.O.: 1257
 Vellenga E.: 1506
 Velloso M.M.: 1208, 1209
 Velthuis S.: 388
 Vene N.: 1165
 Venetsanou K.: 869
 Ventura M.: 471, 508
 Ventura-Clapier R.: 664, 1554, 1567
 Venturi M.: 1255
 Venugopal P.: 1400
 Verberne H.J.: 1230
 Verboven Y.: 517
 Verde A.: 122
 Verde S.: 769
 Vergara G.: 94
 Vergaro G.: 796, 845, 1216
 Verhesen W.: 388
 Verlato R.: 543
 Verma S.: 96
 Vermes E.: 452, 1119
 Verwey H.F.: 200
 Verzura G.: 763, 771, 784
 Veselka J.: 575
 Vest R.: 57, 65
 Vettel C.: 1256
 Vicentini A.: 515, 531, 544, 1151, 1160
 Vida Simiti L.: 1381
 Vidal B.: 56
 Vidal-Puig A.: 933
 Videbaek L.: 164, 868, 1075
 Vieira M.L.C.: 203
 Vignier N.: 390
 Vila Petroff M.G.: 1257
 Vilas-Boas F.: 871
 Villasmil J.J.: 1125
 Villeneuve C.: 1569
 Villuendas R.: 873, 1096
 Vimercati M.: 94
 Vincent A.: 606, 608
 Vincent J.: 719
 Vincenzi B.: 395
 Vincenzo Montericchio V.M.: 202
 Vinge L.E.: 1563
 Vinkemeier U.: 945
 Vintila M.: 447
 Viro P.: 1094
 Vishinskaya I.D.: 130
 Vishinskaya I.: 1525
 Vitarelli A.: 461
 Vitlianova K.: 911
 Vitovec J.: 735, 753, 787
 Vityazev V.A.: 966
 Vizzard E.: 469, 483
 Vlahodimitris I.: 411, 430, 1123, 1495
 Vodolazhskiy I.: 490

Abstracts Authors

Name / Index Number

- Vogiatzi P.: 1415
 Vogt J.: 880
 Vogt K.: 1299
 Vogt S.: 1562
 Vojacek J.: 157, 474, 592, 858
 Vojdani A.: 1477
 Volkov Y.V.: 1270
 Volkova A.L.: 196
 Vollmann D.: 848
 Volpe M.: 126
 Volpe S.: 192, 803
 Volterrani M.: 1411, 1492
 Voltyrakis E.: 1432
 Von Birgelen C.: 505
 Von Haehling S.: 78, 619, 720
 Von Harsdorf R.: 251
 Vonk Noordegraaf A.: 912
 Voors AA.: 30, 711, 737, 750, 757, 795, 1506
 Vormbrock J.: 506, 716
 Vos M.: 1283
 Votteas V.: 411, 430, 1123, 1415, 1495
 Voudris V.: 113, 120
 Voutas P.: 559
 Vrbska J.: 817
 Vrijhoef HJM.: 1103
 Vrints C.: 630, 630, 1522
 Vrints C.J.: 664, 1378
 Vujisic-Tesic B.: 457, 772, 1479
 Vuletic M.S.: 972, 974
 Vuolteenaho O.: 864
 Waagstein F.: 31, 865
 Wachter R.: 1174
 Wachowiak-Baszynska H.: 1222, 1229
 Wachter R.: 848, 1065, 1424
 Waczulikova I.: 279, 946
 Wagenmakers A.: 597, 1561
 Wagner D.R.: 665, 914
 Wagner C.: 931
 Wagner S.: 1549
 Wagner D.R.: 1584
 Walczak E.W.: 63, 372
 Waldenstroem A.: 588
 Waldenstrom A.: 269, 583, 1260
 Walker B.R.: 389
 Walker K.: 1235
 Wall S.: 244
 Walther S.: 1263, 1367
 Wang M.: 144
 Wang Y.C.: 255
 Wang M.: 266, 282
 Wang Y.: 964
 Wang B.W.: 1572, 1594
 Watanabe M.: 104, 713
 Watanabe T.: 842
 Watson C.: 137, 813, 833, 1388
 Watson C.J.: 1592
 Waywell C.: 1583
 Weatherley B.: 30, 731, 737
 Weber P.: 1562
 Webster I.: 926
 Wedel H.: 865
 Weger S.: 632
 Wegrzynowska-Teodorczyk K.: 221, 1508
 Wehner D.: 1298
 Weiland J.: 301
 Weinbrenner C.: 931
 Weir R.A.P.: 696
 Weismann P.: 228, 1368
 Wells C.: 968
 Wende C.: 524
 Wenzel K.: 1258
 Wenzel S.: 283, 1537
 Wergeland R.: 522, 535
 Wergeland A.: 578
 Westenbrink B.D.: 1506
 Westendorp R.: 451
 Westendorp B.: 1272
 Westermann D.: 394, 935, 1232, 1369, 1585
 Westphal C.: 265
 Westra R.: 1198
 Wetterholm A.: 593
 Wettwer E.: 1275, 1289
 Wexberg P.: 762, 1169, 1423
 Whalley E.T.: 621, 622
 Whellan D.J.: 1488
 White C.M.: 93, 102
 White E.: 268
 Wiangosot W.: 1095
 Widimsky J.: 753
 Widimsky P.: 787
 Wiehe J.M.: 1299
 Wieland T.: 1256
 Wielders J.P.M.: 449
 Wijayawardana S.: 65
 Wijtvet E.P.J.: 1111
 Wikman P.: 212
 Wikstrand J.: 865
 Wikstrom G.: 164, 583
 Willems F.F.: 454, 1198
 Williams S.G.: 180, 1583
 Williams T.: 668
 Willson K.: 1512
 Wilson M.C.: 922
 Wimmerova S.: 400
 Winter M.: 484
 Wirtz U.: 1085
 Witt H.: 265
 Wizner B.: 86
 Wodnar-Filipowicz A.: 950
 Wodniecki J.: 189, 1529
 Woehle H.: 880
 Wojciechowska C.: 189, 1395, 1529
 Wold N.: 51, 125
 Wolf J.E.: 431, 433
 Wolf A.: 1116, 1204
 Wolff A.A.: 135, 149, 174
 Wolff R.: 1076, 1416, 1417, 1582
 Wollin M.S.: 625
 Won H.Y.: 856, 1448
 Wong Y.Y.: 912
 Wongcharoen W.: 128, 906
 Wortham K.: 622
 Wos S.: 1560
 Wranicz J.K.: 72
 Wroblewska J.: 658, 1152
 Wuyts K.: 630
 Wynn G.J.: 154, 166
 Wynne A.M.: 1247
 Xanthou G.: 1391
 Xu M.: 1592
 Yaari V.: 184
 Yabanoglu S.Y.: 1597
 Yacoub M.: 99, 117, 124
 Yadav R.: 1530
 Yajima K.: 898
 Yamada M.: 232
 Yamada T.: 123, 509, 1161, 1490
 Yamaji M.: 76, 397
 Yamamoto T.: 76, 397
 Yanagihara K.: 53
 Yang Y.: 245, 600, 601
 Yang L.Z.: 1263
 Yarlagadda R.: 93
 Yarlioglu M.: 77, 810
 Yassin A.S.: 1126, 1132
 Ye Y.: 444, 577
 Yegorova Y.: 1375
 Yeh C.H.: 255
 Yellon D.M.: 612, 958, 959, 1243, 1245, 1246, 1247, 1253, 1372
 Yilmazer M.S.: 767
 Yin X.: 263
 Yndestad A.: 1590, 1591
 Yokoi K.: 898
 Yokota M.: 1509
 Yokoyama H.: 104
 Yokoyama S.: 219
 Yokoyama H.: 713, 761
 Yonan N.: 180, 1583
 Yoon H.J.: 774
 Yoshida C.: 1233

Abstracts Authors

Name / Index Number

Yoshihisa A.: 145, 1159, 1173, 1214	Zajac B.: 484	Zdrojewski T.: 86	Zivkovic V.: 974
Yoshikawa T.: 781	Zaker R.: 561	Zecchin M.: 224	Zoller B.: 1085
Yoskovitz G.: 298	Zamora E.: 899	Zeller T.: 1276, 1555	Zotos P.: 117
Yossof M.: 441, 491, 491, 1543	Zamorano Gomez J.L.: 97, 1139, 1145	Zeman K.: 794	Zucchelli G.: 526
Ytrehus K.: 284, 286, 1294	Zampini R.: 1239	Zhang J.: 223, 399, 562, 564, 801, 1474	Zucchi R.: 253, 947
Yu C.M.: 91	Zannad F.: 52, 159, 517, 521, 719, 741, 745, 749, 752, 756, 1488, 1586	Zhang M.: 282	Zuithoff N.P.A.: 136
Yumino D.: 775	Zanolla L.: 824, 1239, 1240	Zhang M.: 933, 1254	Zuk G.: 658, 1152
Yun D.H.: 289	Zanon F.: 475, 543	Zhang Q.I.: 1408	Zuloff-Shani A.: 1287
Yuschuk E.N.: 148	Zanotto G.: 107	Zhang Y.: 51, 125	Zummo G.: 1274
Yussim A.: 184	Zapata A.: 1071, 1088	Zhao Y.: 1548	Zunino M.T.: 734
Yvorra C.: 914	Zarreas E.: 559	Zhelev N.: 1298	Zvara U.: 1553
Z M.: 536	Zatloukalova L.: 936, 937	Zhong J.C.: 278, 930	Zvonova E.V.: 1468
Zabel M.: 848	Zaytsev V.V.: 510	Zi M.: 1261	Zwas D.: 181, 1383
Zafari M.: 57, 65	Zaza A.: 969, 1255, 1277, 1278	Ziegelhoffer A.: 279, 946	Zweigerdt R.: 1286
Zafir N.: 299	Zdravkovic M.: 1459	Ziegelhoffer B.: 279, 946	Zykov K.: 1398, 1399
Zaghlol M.: 491		Zima E.: 557	Zysko D.: 211, 222, 917
Zahidova K.: 1501		Zimmermann O.: 1299	Zyw L.: 796, 1216
		Zito C.: 511	
		Zivkovic V.I.: 972	

Speakers

Name / Index Number

Abraham W.T.: 359, 360
 Anand I.S.: 19, 687
 Angermann C.E.: 989
 Anker S.D.: 354, 675, 1609
 Arad M.: 329
 Avkiran M.: 703
 Backs J.: 1620
 Bailie G.: 353
 Bakkers J.: 1057
 Barba I.: 1004
 Bauersachs J.: 1354
 Bax J.J.: 365, 1014
 Beattie J.M.: 643
 Benjamin I.: 1355
 Bers D.M.: 1618
 Beygui F.: 366
 Bishopric N.H.: 661
 Blue L.M.: 1309
 Boehm M.: 336, 375, 1013
 Boengler K.: 1624
 Borggreffe M.: 29
 Boriani G.: 1037
 Bortoloso E.: 1001
 Brand T.: 1058
 Braunschweig F.: 1605
 Brostrom A.: 996
 Brugada Terradellas J.: 1
 Burnett Jr J.C.: 650, 673
 Butrous G.S.: 376
 Capogrossi M.C.: 326
 Carrier L.: 46
 Cavill I.: 352
 Cazorla O.: 1063
 Charron P.: 1344
 Cleland J.G.F.: 21, 344, 345,
 647, 689, 1018
 Clerk A.: 1356
 Cohen-Solal A.: 1330
 Colonna P.: 1601
 Condorelli G.: 325
 Conraads V.: 317
 Cook S.A.: 1002
 Corda S.: 670
 Cowie M.R.: 1009, 1010,
 1036, 1604
 Creemers E.: 328

Danser A.: 391
 Dargie H.J.: 1607
 Daubert J.C.: 347
 De Geest S.M.: 697, 1307
 de Groote P.: 38, 1611
 De Keulenaer G.W.A.: 1352
 De Windt L.J.: 327
 Di Somma S.: 1026
 Dickstein K.: 307, 346, 378,
 690, 1011, 1012
 Didie M.: 1321
 Diez Martinez J.: 640
 Doehner W.: 308
 Doevendans P.A.F.M.: 1320
 Drexler H.: 638
 Eisner D.A.: 1614
 Ekman I.: 653, 985, 1308
 El-Armouche A.: 1052
 Ellingsen O.: 1317
 Elliott P.M.: 1343
 Emanuel C.: 1316
 Engelhardt S.: 660
 Erdmann E.: 18
 Evans P.: 47
 Ferrari R.: 23, 334
 Fielitz J.: 45
 Filippatos G.S.: 306, 342, 345,
 688, 1022
 Flather M.: 1329
 Follath F.: 36, 635
 Fonarow G.C.: 311 681
 Francis D.: 358, 360
 Fraser A.G.: 1598
 Galinier M.: 5
 Gasparini M.: 26
 Gautel M.: 1060
 Gheorgiade M.: 312, 686,
 991
 Gibelin P.: 14
 Gielen S.: 316
 Gneccchi M.: 41
 Gotthardt M.: 1062
 Gras D.: 28
 Griffiths E.J.: 1622
 Guazzi M.: 377
 Guibert - Heriteau E.: 15

Harding S.E.: 384, 669, 1318
 Hausenloy D.J.: 1625
 Haverich A.: 1043
 Heads R.J.: 1313
 Henderson D.J.: 1359
 Hetzer R.: 1032
 Heymans S.: 1055
 Hilfiker-Kleiner D.: 683, 1311
 Hirsch E.: 1053
 Hittinger L.: 39 1008
 Hoes A.W.: 1339
 Hori M.: 22
 Isnard R.: 37
 Iung B.: 363
 Jaarsma T.: 379, 1608
 Jaconi M.: 1358
 Jagla K.: 1059
 Jankowska E.A.: 1350
 Janssens S.: 43
 Jondeau G.: 7 314
 Jourdain P.: 323, 1348
 Juilliere Y.: 8
 Keshet E.: 42 1315
 Kober L.: 1337
 Kockskaemper J.: 1616
 Komajda M.: 338, 680, 990,
 1023
 Konstam M.A.: 679, 994
 Krum H.: 25
 Lamp B.: 12 1039
 Latini R.: 1054
 Lawler Z.: 698
 Leclercq C.: 27, 1031, 1603
 leprince P.: 364, 1033, 1040
 Lezoualc'h F.: 659
 Limbourg F.P.: 1362
 Linke W.: 1061
 Lip G.Y.H.: 652
 Logeart D.: 324, 637
 Lopez-Sendon J.L.: 1336
 Luttk M.L.A.: 380, 653
 Maack C.: 332
 Maggioni A.P.: 1020, 1334
 Maier L.S.: 1619
 Maisel A.: 674, 1347
 Mallat Z.: 1312

Speakers

Name / Index Number

Manolis A.J.: 639
 Marino P.N.: 1050
 Martin U.: 1319
 Mayosi B.M.: 682
 Mayr M.: 1003
 Mcdermott B.J.: 669
 McDonagh T.A.: 9 642
 McDonald K.: 1025, 1340
 McKelvie R.S.: 1613
 McMurray J.J.V.: 11, 350, 676, 690
 Mebazaa A.: 649
 Melenovsky V.: 1049
 Mendes M.: 318
 Mercadier J.J.: 1000
 Metra M.: 343, 345, 993, 1021, 1035, 1606
 Miller L.: 1034
 Mohacsi P.J.: 1029, 1035
 Mueller C.: 1024, 1028, 1349
 Mulvany M.J.: 393
 Neglia D.: 1353
 Neyses L.: 1005
 Nieminen M.S.: 651, 1017
 O'Connor C.: 319
 Otsu K.: 44
 Pacaud P.: 330
 Parissis J.T.: 646
 Parodi G.: 685
 Paulus W.J.: 1351
 Pedersen B.K.: 1310
 Peker Y.: 1006 1007
 Perez-Pomares J.M.: 1361
 Piepoli M.F.: 320
 Pierard L.A.: 321
 Pieske B.M.: 678, 1612
 Pitsis A.: 1042
 Pompa Minguez J.L.: 1360
 Ponikowski P.: 355, 357, 360, 690, 988, 1325, 1326
 Pressler S.J.: 382, 653, 986
 Priori S.G.: 305, 348, 1617
 Rademakers F.E.: 10, 368
 Rasmusson K.: 984
 Riley P.R.: 1314, 1602
 Rochais F.: 671

Rogers A.: 648
 Roudaut R.: 322
 Roy D.: 3
 Rutten F.H.: 987, 1342
 Ryder M.: 641, 997
 Schrader J.: 1357
 Schumacker P.T.: 702
 Schwitter J.: 367
 Scorrano L.: 1623
 Sedmera D.: 1056
 Seferovic P.: 1335
 Seggewiss H.: 1346
 Sejersted O.M.: 1615
 Senior R.: 1015
 Seronde M.-F.: 17
 Shah A.M.: 384, 701
 Sicari R.: 1599
 Sipido K.R.: 1621
 Sitsapasan R.: 999
 Sliwa-Hahnle K.: 684
 Smith G.L.: 998
 Solomon S.: 20, 315
 Spertus J.: 645
 Stellbrink C.: 699
 Stewart S.: 13, 1306
 Stromberg A.: 304, 381
 Swedberg K.: 333, 1333
 Tarone G.: 662
 Tavazzi L.: 340, 1338
 Terracciano C.: 40
 Thomas J.D.: 361
 Thompson D.R.: 383
 Torp-Pedersen C.: 636
 Travers B.: 995
 Trochu J.-N.: 16, 1030, 1341
 Tschoepe C.: 1610
 Unger T.: 392 1046
 Vachiery J.L.: 6
 Vahanian A.: 362
 Van Der Wal M.H.L.: 983
 van Veldhuisen D.J.: 313, 1019, 1324, 1326, 1331
 Vardas P.E.: 1038
 Veksler V.: 704
 Ventura-Clapier R.: 331
 Voigt J.U.: 1600

Vollmann D.: 349
 Volpe M.: 1047
 Voors A.A.: 310, 1044
 Westermann D.: 1048
 Willenheimer R.: 1323, 1326, 1327
 Yacoub M.H.: 1041, 1345
 Zannad F.: 24, 341, 345, 992, 1027, 1322, 1326

HEART FAILURE 2010

Meeting organised by the Heart Failure Association of the ESC

29 May - 1 June
Berlin
Germany



The characteristics and management of hyponatraemia

Sunday 31st May

12.35–13.50

Lunch Symposium

Nice Acropolis, Room Calypso

12:35–12:40

Welcome and introduction

Faiez Zannad,
MD, PhD, Co-Chair

12:40–13:00

Prevalence, characteristics and consequences of hyponatraemia

Gerasimos Filippatos,
MD, PhD, Co-Chair

13:00–13:20

Causes of hyponatraemia and current therapies

Marco Metra, MD

13:20–13:40

Future directions in the treatment of hyponatraemia

John Cleland, MD

13:40–13:50

Questions and answers

All



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