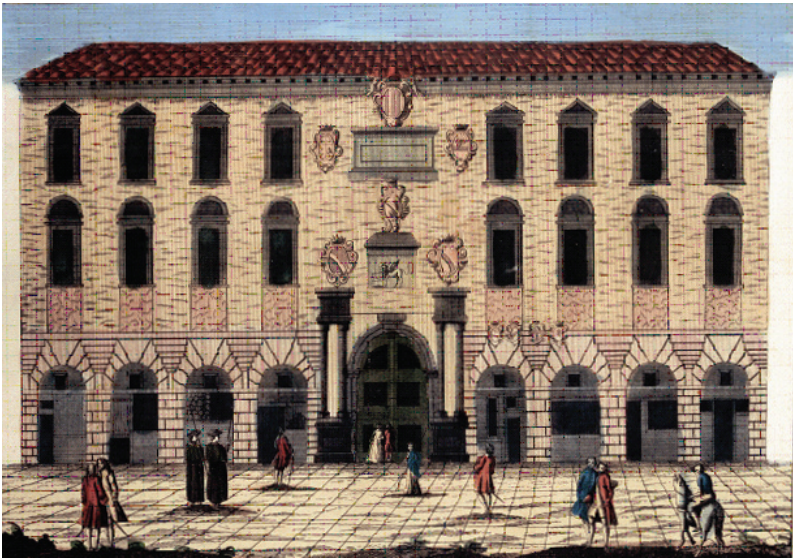


ISHR   Italy 2007
 

XXVII EUROPEAN SECTION MEETING
PADOVA-ABANO, JUNE 20-22, 2007



COUNCIL OF THE ISHR-EUROPEAN SECTION
AND SCIENTIFIC ORGANIZING COMMITTEE

Fabio Di Lisa
Sian Harding
Gerd Heusch
Gary F. Baxter
Stefan Chlopicki
David Eisner
Peter Ferdinandy
Moshe Flugelman
David Garcia-Dorado
Thomas Eschenhagen
Terje Larsen
Cees Van Echteld
Renée Ventura-Clapier

LOCAL ORGANIZING COMMITTEE

Fabio Di Lisa
Sabino Iliceto
Stefano Schiaffino
Gaetano Thiene

WELCOME TO THE CONGRESS

On behalf of the European Council of the International Society for Heart Research, it is a great pleasure to welcome you to join the 27th Congress of our Society.

This Congress precedes the World Congress of the ISHR that will take place in Bologna from June 22 to June 25 and will be concomitant with the Congresses of other ISHR Sections. In this complex organization the European Section was asked to focus on ischemic injury and cardioprotection. Besides adhering to this request, the program covers a variety of topics relevant to the vast field of cardiovascular research. I am sure that this interesting program will prompt lively discussions as is the tradition of our Congresses.

I hope that you will have time to enjoy this area of Italy and the University of Padova that represents a unique site in the history of Cardiology.

Fabio Di Lisa

***On behalf of the Local Organizing and Scientific
Programme Committee***



Aula Magna, Palazzo del Bò

OPENING CEREMONY
JUNE 20, 2007
AULA MAGNA, PALAZZO DEL BÒ

5:30 - 6:00 p.m. Welcome address

Magnifico Rettore, Prof. Vincenzo Milanese

OPENING LECTURES

Chairperson: James Downey, USA

6:00 - 6:45 p.m. *Padova in the history of cardiology*
Gaetano Thiene, Italy

6:45 - 7:30 p.m. *Keynote lecture: "Protection of the
ischemic heart: from experimental
utopia to clinical reality"*
Derek Yellon, United Kingdom

7:30 - 7:50 p.m. *Medal of Merit bestowed on
Prof. Tom Ruigrok, Netherlands*
Laudatio: R. Ferrari, Italy

8:00 - 9:30 p.m. Welcome reception

OVERVIEW
JUNE 21-22, 2007

TEATRO CONGRESSI "PIETRO D'ABANO"
LARGO MARCONI 16, ABANO TERME, PADOVA

THURSDAY, JUNE 21, 2007

9:00 - 10:30 a.m.	Symposia A1, B1, C1
10:30 - 11:00 a.m.	<i>coffee break</i>
11:00 a.m. - 12:30 p.m.	Symposia A2, B2, C2
12:30 - 2:00 p.m.	<i>lunch</i>
1:00 - 3:00 p.m.	ES-ISHR Council
3:15 - 3:45 p.m.	General assembly
4:00 - 5:30 p.m.	Symposia A3, B3, C3

FRIDAY, JUNE 22, 2007

9:00 - 10:30 a.m.	Symposia A4, B4, C4
10:45 - 11:15 a.m.	ES-ISHR/Servier Fellowship
11:30 a.m. - 12:15 p.m.	<i>lunch</i>
12:15 - 2:00 p.m.	<i>Bus to Bologna</i>

PROGRAMME FOR SYMPOSIA SESSIONS

DAY	SALA PLENARIA	SALA ASTROLABIO	SALA PIETRO D'ABANO
Thursday June 21 9:00 -10:30 a.m.	A1 Emerging signalling paradigms in cardioprotection	B1 Arrhythmias, mechanisms and targets	C1 Advances in the biology of valve replacement
Thursday June 21 11:00 a.m. 12:30 p.m.	A2 Mitochondrial mechanism in injury and survival	B2 Cardioprotection and the β 2AR	C2 Tissue Engineering
Thursday June 21 4:00 - 5:30 p.m.	A3 Mechanisms of cardioprotection	B3 Localised control of cyclic nucleotide signalling	C3 Frank-Starling law revisited
Friday June 22 09:00 - 10:30 a.m.	A4 Perspectives on myocardial metabolism: from bench to bedside	B4 Nitric Oxide in cardiac pathophysiology	C4 Gender and cardiovascular disease

SYMPOSIUM A1 - JUNE 21
9:00 - 10:30 a.m. - SALA PLENARIA

EMERGING SIGNALLING PARADIGMS IN CARDIOPROTECTION

Chairs: David Garcia-Dorado, Spain
Riccardo Zucchi, Italy

1. *PKG and cytosolic Ca²⁺ regulation*
Yasser Abdallah, Germany
2. *Rho kinase, an injury signal at reperfusion?*
Gary Baxter, United Kingdom
3. *Metabolic signalling through AMPK*
Louis Hue, Belgium
4. *Oxidative stress and kinase activation*
Angela Clerk, United Kingdom

SYMPOSIUM B1 - JUNE 21
9:00 - 10:30 a.m. - SALA ASTROLABIO

ARRHYTHMIAS, MECHANISMS AND TARGETS

Chairs: Andras Varro, Hungary
 Michael Curtis, United Kingdom

1. *Na/Ca exchange and arrhythmias*
 Karin Sipido, Belgium.
2. *SR as a target for anti-arrhythmics*
 David Eisner, United Kingdom.
3. *Ca²⁺ inward rectifier and arrhythmias*
 Sylvain Richard, France.
4. *Targeting ventricular arrhythmias using
 functional genomics*
 Catherine Stables, United Kingdom.

SYMPOSIUM C1 - JUNE 21
9:00 - 10:30 a.m. - SALA PIETRO D'ABANO

ADVANCES IN THE BIOLOGY OF VALVE REPLACEMENT

Chairs: Moshe Flugelman, Israel
Gaetano Thiene, Italy

1. *Anticalcification treatments for biological valve prostheses*
Naren Vyavahare, USA.
2. *Electron beam tomography for cusp calcification*
Giovanni Melina, United Kingdom.
3. *Anticoagulation therapy for valve replacement*
Paul Vaughan, United Kingdom.
4. *Statins after bioprosthetic aortic valve replacement*
Nalini M. Rajamannan, USA.

SYMPOSIUM A2 - JUNE 21
11:00 a.m. - 12:30 p.m. - SALA PLENARIA

MITOCHONDRIAL MECHANISMS IN INJURY AND SURVIVAL

Chairs: Paolo Bernardi, Italy
Terje Larsen, Norway

1. *Reactive nitrogen species*
Vilma Borutaite, Lithuania / United Kingdom
2. *Uncoupling proteins*
Michael Sack, USA
3. *Mitochondrial Connexin 43*
Antonio Rodriguez-Sinovas, Spain
4. *Permeability transition pore*
Andrew Halestrap, United Kingdom

SYMPOSIUM B2 - JUNE 21
11:00 a.m. - 12:30 p.m. - SALA ASTROLABIO

CARDIOPROTECTION AND THE β_2 AR

Chairs: Sian Harding, United Kingdom
Ursula Ravens, Germany

1. *Pro and anti-survival signals through β ARs*
Stefan Engelhardt, Germany.
2. *The β_2 AR and recovery during LVAD implantation*
Cesare Terracciano, United Kingdom.
3. *The β_2 AR in ischaemia/reperfusion injury*
Charles Steenbergen, USA.
4. *Consequences of β AR polymorphisms in heart failure*
Kirsten Leineweber, Germany.

SYMPOSIUM C2 - JUNE 21

11:00 a.m. - 12:30 p.m. - SALA PIETRO D'ABANO

TISSUE ENGINEERING

Chairs: Thomas Eschenhagen, Germany
 Gino Gerosa, Italy

1. *Blood vessel engineering*
 Moshe Flugelman, Israel.
2. *Valve engineering*
 Simon Hoerstrup, Switzerland.
3. *Myocardial engineered implants*
 Wolfram Zimmerman, Germany.
4. *Bone marrow stem cells for peripheral artery
 disease - Basic mechanisms and clinical experience*
 Berthold Amann, Germany.

SYMPOSIUM A3 - JUNE 21
4:00 - 5:30 p.m. - SALA PLENARIA

MECHANISMS OF CARDIOPROTECTION

Chairs: Michael Marber, United Kingdom
Peter Ferdinandy, Hungary

1. *Oxidative stress and cardioprotection, role of redox signalling*
Robert Bell, United Kingdom.
2. *New insights into HSPs and cardioprotection*
Evangelia G. Kranias, Greece / USA
3. *Signal transduction pathways in post-conditioning*
Michael Cohen, USA
4. *Clinical application of pre-conditioning and post-conditioning*
Michel Ovize, France

SYMPOSIUM B3 - JUNE 21
4:00 - 5:30 p.m. - SALA ASTROLABIO

LOCALISED CONTROL OF CYCLIC NUCLEOTIDE SIGNALLING

Chairs: Rodolphe Fischmeister, France
Stefano Schiaffino, Italy

1. *Cyclic GMP compartments in cardiac myocytes*
Rodolphe Fischmeister, France.
2. *PDE isoforms and cyclic AMP localisation*
Manuela Zaccolo, Italy.
3. *New concepts in adenylyl cyclase signalling*
Mario Pagano, United Kingdom.
4. *PDE3 isoforms in signalling complexes during heart failure*
Emilio Hirsch, Italy.

SYMPOSIUM C3 - JUNE 21
4:00 - 5:30 p.m. - SALA PIETRO D'ABANO

FRANK-STARLING LAW REVISITED

Chairs: Renée Ventura-Clapier, France
Cees Van Echteld, The Netherlands

1. *The Frank-Starling mechanism: A role for myosin binding protein C?*
Jonathan Kentish, United Kingdom.
2. *Role of mechanical crosstalk between organelles*
Allen Kaasik, Estonia.
3. *Metabolic basis of the Frank-Starling Law*
Valdur Saks, France.
4. *Role of endothelin-1 in the Frank-Starling mechanism*
Heikki Ruskoaho, Finland.

SYMPOSIUM A4 - JUNE 22
9:00 - 10:30 a.m. - SALA PLENARIA

PERSPECTIVES ON MYOCARDIAL METABOLISM: FROM BENCH
TO BEDSIDE

Chairs: William Stanley, USA
Sergio Dalla Volta, Italy

1. *The diabetic heart as a paradigm of metabolic derangements*
Kieran Clarke, United Kingdom.
2. *Metabolic basis of post-infarction remodelling*
Margaret Chandler, USA.
3. *Carnitine in myocardial ischemia: experimental evidence*
Gary D. Lopaschuck, Canada.
4. *Carnitine in acute myocardial infarction: clinical evidence*
Sabino Iliceto, Italy.

SYMPOSIUM B4 - JUNE 22
9:00 - 10:30 a.m. - SALA ASTROLABIO

NITRIC OXIDE IN CARDIAC PATHOPHYSIOLOGY

Chairs: Barbara Casadei, United Kingdom
Guro Valen, Sweden

1. *Transport and metabolism of NO in blood*
Thomas Lauer, Germany.
2. *Nitrate tolerance, role of oxidative stress*
Andreas Daiber, Germany.
3. *Role of peroxynitrite in myocardial ischaemia
and preconditioning*
Peter Ferdinandy, Hungary.
4. *Downstream targets of peroxynitrite*
Richard Schulz, Canada.

SYMPOSIUM C4 - JUNE 22
9:00 - 10:30 a.m. - SALA PIETRO D'ABANO

GENDER AND CARDIOVASCULAR DISEASE

Chairs: Jules Hancox, United Kingdom
Stephan Chlopicki, Poland

1. *Hormone replacement therapy and cardioprotection*
Christian Grohe, Germany
2. *Gender-dependent differences in ventricular repolarisation and testosterone: an overview*
Jules Hancox, United Kingdom
3. *Estrogen and arrhythmias*
Susan Coker, United Kingdom.
4. *Gender-dependent differences in action potential*
Ken Macleod, United Kingdom.

ES-ISHR/SERVIER RESEARCH FELLOWSHIP

June 22 - SALA PLENARIA

Chair: Fabio Di Lisa, Italy
Stefano Corda, France

10:45 - 10:55 a.m. *Presentation of the Winner of the 2007
Fellowship*

10:55 - 11:15 a.m. *Report of Dr. Derek Hausenloy,
Winner of the 2006 Fellowship*

INFORMATION FOR DELEGATES

OPENING CEREMONY

June 20 5:30 p.m.

AULA MAGNA UNIVERSITY OF PADOVA

CONGRESS VENUE

June 21 – 22

TEATRO CONGRESSI “PIETRO D’ABANO”

ABANO TERME, PADOVA

REGISTRATION DESK - TEATRO CONGRESSI P. D’ABANO

TIMING

June 20 from 2:00 p.m. to 4:00 p.m.

June 21 from 8:00 a.m. to 6:00 p.m.

June 22 from 7:30 a.m. to 12:00 p.m.

TRANSPORTATION

June 20

4:00 p.m.: departure from Abano, (Hotel Due Torri) to
University of Padova

10:00 p.m.: departure from Padova (Piazza Antenore)
to Teatro Congressi Pietro D’Abano

June 22

8:00 a.m. luggage delivery to bus outside Hotel Due Torri

12:15 p.m. departure from Teatro Congressi Pietro D'Abano
to Bologna Train Station

SCIENTIFIC PRESENTATIONS

All speakers are requested to bring their PowerPoint presentation to the Slide Center one hour prior to the start of their session for loading onto the computer. The Slide Center is located on the second floor.

CONTACT ADDRESS FOR REGISTRATION AND ACCOMODATION

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00196 Roma

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Front cover: An eighteenth century print of the front facade of the main building of Padova University (Palazzo del Bò)

Back cover: William Harvey's coat of arms located in the "Cortile Antico" (ancient courtyard) of the Palazzo del Bò

