



*Coronary Artery Disease &
Ischemic Heart Disease:
an elusive link!*

Pisa (Italy), June 17th - 19th, 2011

Organized by

UNIVERSITÀ DEGLI STUDI DI PISA

FONDAZIONE INTERNAZIONALE MENARINI

PROGRAM

Calamidoro Hotel
Via del Tiglio, 143
Calcinaia (Pisa)



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Background

The current approach to Ischemic Heart Disease is dictated by the assumption that myocardial ischemia is consistently associated with coronary atherosclerotic obstructions. This concept is so popular that the terms “coronary artery disease” and “ischemic heart disease” are used indifferently. Instrumental evidence of myocardial ischemia is diagnosed as a “false positive” if coronary angiography does not show an atherosclerotic obstruction. Conversely, a negative test is diagnosed as a “false negative” if a coronary lesion is demonstrated at angiography. However, the assumption of a close link between coronary atherosclerosis and myocardial ischemia is strongly challenged by many anatomical data and epidemiological reports. Based on these observations, the relevance of coronary atherosclerotic obstructions on ischemic syndromes will be discussed and a more comprehensive approach will be proposed.

Objectives of the Summit

This Summit will propose to Clinical and Interventional Cardiologists a critical re-assessment of the role of coronary atherosclerosis in the pathogenesis of myocardial ischemia. Alternative mechanisms of myocardial ischemia will be discussed and the impact of stenosis removal by PCI will be analyzed. A more comprehensive approach that considers the complex and multiple mechanisms contributing to myocardial ischemia will be proposed and its therapeutic implications will be discussed.

*Mario Marzilli
President of the Meeting*

President of the Meeting

Mario Marzilli
Dipartimento Cardio Toracico
Università degli Studi di Pisa (Italy)

Scientific and Provider Secretariat

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Organizing Secretariat

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Via XX Settembre, 48
I-25121 Brescia (Italy)

Friday, June 17th, 2011 - Afternoon

- 01.30 p.m. **Introduction and Objectives of the Summit**
M. Marzilli (Pisa, I)
- Session I: Round Table on “The atherosclerotic hypothesis revisited”**
- 02.00 p.m. **G.M. Sambuceti** (Genoa, I)
Coronary anatomy and myocardial ischemia
- 02.30 p.m. **J.A. Ambrose** (Fresno, USA)
Plaque structure as predictor of clinical events
- 03.00 p.m. **C.J. Pepine** (Gainesville, USA)
Female gender as a natural model of “non-atherosclerotic”
ischemic heart disease
- 03.30 p.m. *General Discussion*
- 05.00 p.m. *Coffee break*
- Session II: Round Table on “The complex pathogenesis
of myocardial ischemia”**
- 05.15 p.m. **P.G. Camici** (Milan, I)
Endothelial dysfunction
- 05.45 p.m. **F. Crea** (Rome, I)
Inflammation: cause or consequence of myocardial
ischemia?
- 06.15 p.m. **R. De Caterina** (Chieti and Pisa, I)
Thrombosis
- 06.45 p.m. **W.M. Chilian** (Rootstown, USA)
Microvascular dysfunction
- 07.15 p.m. *General Discussion*

Saturday, June 18th, 2011 - Morning

- Session III: Round Table on “Multiple mechanisms precipitating
myocardial ischemia”**
- 08.30 a.m. **M. Marzilli** (Pisa, I)
Coronary stenosis and microvascular function/dysfunction
- 09.00 a.m. **P.G. Capozza** (Pisa, I)
Vasocostriction and vulnerable plaque in ACS
- 09.30 a.m. **G. Guarini** (Pisa, I and Rootstown, USA)
Mitochondrial myocardial ischemia
- 10.00 a.m. *Coffee break*
- Session IV: Round Table on “Non-atherosclerotic AMI”**
- 10.30 a.m. **A. Prasad** (Rochester, USA)
Takotsubo cardiomyopathy (apical ballooning syndrome)
- 11.00 a.m. **V. Kočka** (Prague, CZ)
STEMI with “normal” coronary angiogram
- 11.30 a.m. *General Discussion*
- 01.30 p.m. *Lunch*

Session V: Round Table on “Stenosis removal and clinical outcomes”

- 03.00 p.m. **A. Huqi** (Pisa, I and Edmonton, CDN)
Exercise tolerance after successful PCI
- 03.30 p.m. **E. Picano** (Pisa, I)
False negative and false positive
- 04.00 p.m. **W.E. Boden** (Buffalo, USA)
The COURAGE of being earnest
- 04.30 p.m. *Coffee Break*
- 05.00 p.m. **D. Morrone** (Newark, USA)
Common bias in IHD trials
- 05.30 p.m. **M.R. Patel** (Durham, USA)
The Framingham Risk Score: risk of what?
- 06.00 p.m. **C.N. Bairey Merz** (Los Angeles, USA)
The Yentl Syndrome
- 06.30 p.m. *General Discussion*

Session VI: Round Table on “Publication policy and medical practice”

- 08.00 a.m. **C.D. De Angelis** (Chicago, USA)
Publication policy and clinical practice
- 08.30 a.m. **A.N. DeMaria** (San Diego, USA)
Why Editors do what they do?
- 09.00 a.m. *General Discussion*
- 10.30 a.m. *Coffee break*
- Session VII: Round Table on “Strategies for the future”**
- 11.00 a.m. **W.S. Weintraub** (Philadelphia, USA)
The Economics of health care: doctors view vs patients view
- 11.30 a.m. **R.O. Bonow** (Chicago, USA)
Performance measures: clinical guidelines or clinical outcomes?
- 12.00 a.m. **D. Mozaffarian** (Boston, USA)
Dietary fats, carbohydrates and cardiometabolic risk -
new insights
- 12.30 p.m. **M. Marzilli** (Pisa, I)
Introduction to the Copernican revolution
- 01.00 p.m. *General Discussion*
- 02.30 p.m. **Concluding remarks**
M. Marzilli (Pisa, I)
- 02.45 p.m. *Lunch*

GENERAL INFORMATION

Meeting venue

The venue for the Meeting will be Calamidoro Hotel, Via del Tiglio, 143, Calcinaia (Pisa, Italy). Phone: +39 0587 2970 – Fax: +39 0587 297103.

Secretariat during the Meeting

The Secretariat will be open at the following times:

Friday, June 17th, from 01.00 p.m. to 08.30 p.m.

Saturday, June 18th, from 08.00 a.m. to 07.30 p.m.

Sunday, June 19th, from 08.00 a.m. to 02.30 p.m.

Official language

The official language of the Meeting will be English.

CME Credits

CME Credits will be applied for from the Italian Health Authorities.

Technical facilities

Facilities will be available for computer presentations and overhead projections. A business center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the business center at least one hour before the session starts. The center will be open at the following times:

Friday, June 17th, from 01.00 p.m. to 08.30 p.m.

Saturday, June 18th, from 08.00 a.m. to 07.30 p.m.

Sunday, June 19th, from 08.00 a.m. to 02.30 p.m.

Lunches and coffee breaks

Lunches and coffee breaks will be served in the Meeting area.

LIST OF ACTIVE PARTICIPANTS

John A. Ambrose

Cardiology, UCSF Fresno
University of California, San Francisco
Fresno, CA, USA

Kal Asrress

Department of Cardiology
Cardiovascular Division
The Rayne Institute
St. Thomas' Hospital
London, UK

C. Noel Bairey Merz

Women's Heart Center
Preventive and Rehabilitative Cardiac Center
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Los Angeles, CA, USA

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Leonardo Bolognese

Cardiovascular and Neurological Department
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Francesco Bovenzi

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William M. Chilian

Department of Integrative Medical Sciences
Northeastern Ohio Universities Colleges of Medicine and Pharmacy
Rootstown, OH, USA

Filippo Crea

Dipartimento di Medicina Cardiovascolare
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Rome, Italy

Catherine D. De Angelis

JAMA and Scientific Publications
and Multimedia Applications
Johns Hopkins University School of Medicine
Chicago, IL, USA

Raffaele De Caterina

Institute of Cardiology
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Ospedale SS. Annunziata
Chieti, Italy
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Anthony N. DeMaria

Journal of the American College of Cardiology
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Edmonton, Alberta, Canada

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Milan, Italy

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Interventional Cardiologist
Cardiocenter of 3. Medical School of Charles University and Teaching
Hospital Královské Vinohrady
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Brigham and Women’s Hospital and Harvard Medical School
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A Special Thanks to:

A. Menarini I.F.R.

**A. Menarini Farmaceutica Internazionale
Laboratori Guidotti**