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FONDAZIONE  
INTERNAZIONALE  
MENARINI

# CORONARY ARTERY DISEASE AND MYOCARDIAL ISCHEMIC SYNDROMES 2023

16<sup>TH</sup> – 17<sup>TH</sup> JUNE 2023 / Pisa, Italy

POLO CONGRESSUALE LE BENEDETTINE - Piazza San Paolo a Ripa D'Arno, 16 - Pisa

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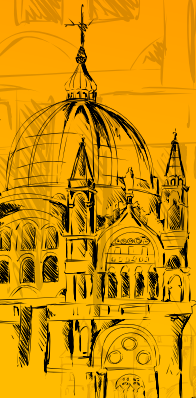
Chair and Postgraduate School of  
Cardiology University of Pisa



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DI PISA



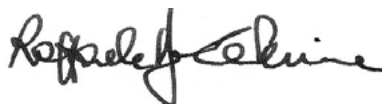
COR VITALIS  
FACILE TATIS  
FOME S' ET  
ARTER. PRIN



## RATIONALE

Although coronary atherosclerosis (coronary artery disease) is a main cause of cardiac complications, including myocardial infarction, unstable and stable angina and sudden cardiac death, the link between the two is not univocal. Very often, coronary atherosclerosis does not translate into cardiac complications. Conversely – what we now would like to call, in a new comprehensive term – “myocardial ischemic syndromes” may recognize causes unrelated to the easily visible epicardial obstructive lesions. These may be explained by an interplay of vasoreactivity, inflammation, dissections, metabolic changes and – occasionally – extra-coronary or iatrogenic causes. Coronary causes may occur both in the large epicardial vessels and in the coronary microcirculation. Changes in myocardial metabolism may also cause or worsen myocardial ischemic syndromes. Most important, causes of myocardial ischemic syndromes often likely act in concert, also explaining the inadequacy of purely mechanical epicardial coronary interventions in “non-acute” myocardial ischemic syndromes. Recognizing the multiplicity of causes for myocardial ischemic syndromes paves the way to individualized, patient-tailored therapeutic approaches, clearly different in different settings.

This expert meeting will offer an update on risk factors, mechanisms, diagnostics and management of myocardial ischemic syndromes summoning a group of world-class experts with ample space devoted to discussions and interaction. An important aspect of the meeting will be devoted to proposing a new nomenclature of “myocardial ischemic syndromes”, overarching current terminologies, notably still different between European and American cardiological societies. The meeting is dedicated to a restricted number of cardiology, cardiac surgery and internal medicine specialists.



**Raffaele De Caterina**  
Chair and Postgraduate School of Cardiology  
University of Pisa

**Director**  
University Cardiology Division  
Pisa University Hospital  
Pisa, Italy

## **CO-PRESIDENTS**

**Prof. Raffaele De Caterina**

**Prof. Peter Libby**

## **SCIENTIFIC COMMITTEE**

**Prof. William E. Boden**

**Prof. Filippo Crea**

**Prof. Stefano Del Prato**

**Prof. Peter Libby**

**Prof. Rosalinda Madonna**

**Prof. Mario Marzilli**

**Prof. Doralisa Morrone**

**Dr Danilo Neglia**

**Prof. Carlo Palombo**

**Prof. Stefano Taddei**

## **CO-ORGANIZED BY:**

**Fondazione Internazionale Menarini**

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## **ORGANIZING SECRETARIAT**

**Contatto S.r.l.**

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## **SCIENTIFIC SECRETARIAT**

Dr Luna Gargani

Dr Riccardo Liga

Prof. Rosalinda Madonna

Prof. Doralisa Morrone

Prof. Carlo Palombo

# PROGRAMME

FRIDAY, 16<sup>th</sup> JUNE 2023 - MORNING

08:45 a.m.

09:00 a.m.

*Welcome addresses – Authorities*

Chairpersons:

**R. De Caterina** (Pisa, IT)

**S. Del Prato** (Pisa, IT)

09:00 a.m.

09:20 a.m.

*Opening Lecture*

**P. Libby** (Boston, USA)

Inflammation and the pathogenesis of atherosclerosis 2023

09:20 a.m.

09:30 a.m.

Discussion

## SESSION I - THE PATHOPHYSIOLOGICAL BACKGROUND

Chairpersons:

**D. Morrone** (Pisa, IT)

**D. Neglia** (Pisa, IT)

09:30 a.m.

09:50 a.m.

**R. Virmani** (Gaithersburg, USA)

Changing patterns in plaque complications and therapeutic implications

09:50 a.m.

10:00 a.m.

Discussion

10:00 a.m.

10:20 a.m.

**H. Shimokawa** (Tokyo, JP)

Endothelial and smooth muscle cell dysfunction and vasoreactivity

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10:20 a.m. 10:30 a.m.	Discussion
10:30 a.m. 11:00 a.m.	<i>Coffee break</i>
11:00 a.m. 11:20 a.m.	<b>L. Badimon</b> (Barcelona, ES) Perivascular and epicardial adipose tissue
11:20 a.m. 11:30 a.m.	Discussion
11:30 a.m. 11:50 a.m.	<b>F. Crea</b> (Rome, IT) Microvascular dysfunction
11:50 a.m. 12:00 p.m.	Discussion
12:00 p.m. 12:20 p.m.	<b>M. Marzilli</b> (Pisa, IT) Myocardial energy balance and metabolism
12:20 p.m. 12:30 p.m.	Discussion
12:30 p.m. 01:00 p.m.	Overall Discussion Discussants: <b>C. Palombo</b> (Pisa, IT) , <b>F. Gentile</b> (Pisa, IT) , <b>V. Castiglione</b> (Pisa, IT)
01:00 p.m. 02:00 p.m.	<i>Lunch</i>

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FRIDAY, 16<sup>th</sup> JUNE 2023 - AFTERNOON

**SESSION II - DIAGNOSTIC AND PROGNOSTIC TOOLS**

Chairpersons: **M. De Carlo** (Pisa, IT)  
**G. Stefanini** (Milan, IT)

02:00 p.m. **R. Al-Lamee** (London, UK)  
02:20 p.m. Angina pectoris 2023: with and without obstructive coronary artery disease: Epidemiology, diagnosis, prognosis and treatment

02:20 p.m. Discussion  
02:30 p.m.

02:30 p.m. **C. Berry** (Glasgow, UK)  
02:50 p.m. Coronary computed tomography angiography vs functional stress imaging to triage chest pain in the emergency room

02:50 p.m. Discussion  
03:00 p.m.

03:00 p.m. **N. Bairey Merz** (Los Angeles, USA)  
03:20 p.m. MINOCA: diagnostic work-up, risk stratification and tailored therapies

03:20 p.m. Discussion  
03:30 p.m.

03:30 p.m. **C. Müller** (Basel, CH)  
03:50 p.m. Biomarkers in type II, IV and V myocardial infarction

03:50 p.m. Discussion  
04:00 p.m.

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04:00 p.m. **R. De Caterina** (Pisa, IT)  
04:20 p.m. The diagnostic work-up of ischemic cardiomyopathy

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04:20 p.m. Discussion  
04:30 p.m.

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04:30 p.m. **M. Volpe** (Rome, IT)  
04:50 p.m. Hypertension, hypertensive cardiomyopathy and myocardial ischemic syndromes 2023

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04:50 p.m. Discussion  
05:00 p.m.

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05:00 p.m. Overall Discussion  
Discussants: **G. Guarini** (Pisa, IT), **R. Liga** (Pisa, IT),  
**M. Mazzola** (Pisa, IT), **G. Tautermann** (Feldkirch, AT)

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# PROGRAMME

SATURDAY, 17<sup>th</sup> JUNE 2023 - MORNING

## SESSION III - PREVENTIVE AND THERAPEUTIC AVENUES

Chairpersons: **R. De Caterina** (Pisa, IT)  
**R. Madonna** (Pisa, IT)

09:00 a.m. **P. Ridker** (Boston, USA)  
09:20 a.m. Cardiovascular prevention – tackling the residual risk

09:20 a.m. Discussion  
09:30 a.m.

09:30 a.m. **A. Catapano** (Milan, IT)  
09:50 a.m. New avenues in the treatment of dyslipidemias

09:50 a.m. Discussion  
10:00 a.m.

10:00 a.m. **S. Del Prato** (Pisa, IT)  
10:20 a.m. Diabetes and vascular disease: new therapeutic avenues

10:20 a.m. Discussion  
10:30 a.m.

10:30 a.m. *Coffee break*  
11:00 a.m.

Chairpersons: **P. Libby** (Boston, USA)  
**M. Marzilli** (Pisa, IT)

11:00 a.m. **D. Capodanno** (Catania, IT)  
11:20 a.m. Optimizing post-ACS antithrombotic therapy

11:20 a.m. Discussion  
11:30 a.m.

11:30 a.m. 11:50 a.m.	<b>D. P. Taggart</b> (Oxford, UK) PCI vs bypass surgery in coronary artery disease
11:50 a.m. 12:00 p.m.	Discussion
12:00 p.m. 12:20 p.m.	<b>W. E. Boden</b> (Boston, USA) Optimal Medical Therapy vs Revascularization in chronic coronary syndromes
12:20 p.m. 12:30 p.m.	Discussion
12:30 p.m. 01:00 p.m.	Overall Discussion Discussants: <b>L. Gargani</b> (Pisa, IT), <b>G. Masini</b> (Pisa, IT), <b>G. Aquaro</b> (Pisa, IT)
01:00 p.m. 02:00 p.m.	<i>Lunch</i>

## SATURDAY, 17<sup>th</sup> JUNE 2023 - AFTERNOON

### SESSION IV - ROUND TABLE (ALL PARTECIPANTS)

02:00 p.m. 03:00 p.m.	Facilitators: <b>M. Emdin</b> (Pisa, IT), <b>C. Passino</b> (Pisa, IT), <b>R. De Caterina</b> (Pisa, IT) Future avenues in diagnostics and therapy for myocardial ischemic syndromes
03:00 p.m. 04:00 p.m.	Facilitators: <b>W.E. Boden</b> (Boston, USA) and <b>R. De Caterina</b> (Pisa, IT) Nomenclature issues for myocardial ischemic syndromes
04:00 p.m. 04:30 p.m.	<b>R. De Caterina</b> (Pisa, IT) Closing Remark
04:30 p.m.	End of the Meeting

## FACULTY

### **Rasha Al Lamee**

Imperial College Healthcare NHS Trust  
London, United Kingdom

### **Giovanni Donato Aquaro**

University of Pisa  
Pisa, Italy

### **Lina Badimon**

Cardiovascular Program-ICCC  
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and San Pau  
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### **Noel Bairey Merz**

Barbra Streisand Women's Heart Center  
Linda Joy Pollin Women's Heart Health  
Program  
Erika J. Glazer Women's Heart Research  
Initiative Preventive Cardiac Center  
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### **Colin Berry**

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### **Raffaele De Caterina**

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### **Peter Libby**

Boston, United States of America

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### **Gabriele Masini**

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### **Matteo Mazzola**

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Pisa, Italy

### **Doralisa Morrone**

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Basel, Switzerland

### **Danilo Neglia**

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### **Paul Ridker**

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### **Hiroaki Shimokawa**

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IRRCs Humanitas Research Hospital  
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### **Stefano Taddei**

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### **David P. Taggart**

Department Cardiac Surgery  
Oxford University Hospitals  
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### **Gerda Tautermann**

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Feldkirch, Austria

### **Renu Virmani**

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Gaithersburg, United States of America

### **Massimo Volpe**

Department of Clinical and Molecular  
Medicine, University of Rome  
Sapienza. President, Italian Society of  
Cardiovascular Prevention  
Rome, Italy

## HOW TO REGISTER AND JOIN THE EVENT

### VIA WEBSITE AND/OR APP - HYBRID EVENT

Subscription to the Reserved Area and to the Event of your interest is required.  
REGISTRATION IS FREE.

### RESIDENTIAL EVENT

Via website [www.en.fondazione-menarini.it/Home](http://www.en.fondazione-menarini.it/Home)

#### IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

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2) Click on **“SUBSCRIBE TO RESIDENTIAL EVENT”** and **LOG IN** with your credentials.

3) Choose which days you wish to attend.

**You will receive a confirmation email including your registration QR CODE for entering the event.**

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6) Choose which days you wish to attend.

**You will receive a confirmation email including your registration QR CODE for entering the event.**

*We would like to remind you that the number of places reserved is limited to the actual capacity of the venue. We therefore kindly ask you to cancel your registration if you are unable to attend, so that other interested users can participate.*

## HOW TO REGISTER AND JOIN THE EVENT

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**You can enjoy the LIVE STREAMING for free on 16<sup>th</sup> and 17<sup>th</sup> June 2023.**

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## GENERAL INFORMATION

### VENUE

CENTRO CONGRESSI POLO LE BENEDETTINE, PIAZZA S. PAOLO A RIPA D'ARNO, 16 – 56125 PISA

### OFFICIAL LANGUAGE

The official language of the meeting is English. Simultaneous translation will not be provided.

### REGISTRATION HOURS FOR RESIDENTIAL EVENT

Attendance at the meeting is free.

For more information and to register please visit the following website:

[www.en.fondazione-menarini.it/Home](http://www.en.fondazione-menarini.it/Home)

Friday, 16<sup>th</sup> June 2023 : 08:45 a.m. - 05:00 p.m.

Saturday, 17<sup>th</sup> June 2023: 09:00 a.m. - 04:30 p.m.

Please note that times are expressed in Local Pisa time (Central European Time - CET)

### LIVE STREAMING EVENT ONLINE ON:

Friday, 16<sup>th</sup> June 2023: 08:45 a.m. - 05:00 p.m.

Saturday, 17<sup>th</sup> June 2023: 09:00 a.m. - 04:30 p.m.

### FACULTY SLIDE CENTRE OPENING HOURS

The center will be open at the following times:

Friday, 16<sup>th</sup> June 2023, from 07:45 a.m. to 05:00 p.m.

Saturday, 17<sup>th</sup> June 2023, from 08:00 a.m. to 04:30 p.m.

### TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections.

A Slide Center with PCs (Windows and Macintosh operating systems) will be available for

Speakers to preview and finalize their presentations. Speakers are kindly requested to submit their presentations to the Slide Center technicians at least one hour before their talks.

### LUNCH AND COFFEE BREAKS

Lunch and coffee breaks will be served in the meeting area in accordance with the current Covid regulations.

### ATTENDANCE CERTIFICATE:

The attendance certificate will be provided via email after the meeting, upon request.







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