

INTRO SPEECH

During the past few decades, we have learned a great deal about the pathogenesis and mechanisms of acute coronary syndromes at the molecular, cellular, pathological and clinical levels. The concept of the so-called “vulnerable plaque” has guided research and thinking on this topic. Yet, as evidence has accumulated, the risk profile of our patients has shifted, and novel therapies have been reshaping atherosclerotic disease, with a transition from focusing on individual “vulnerable plaque” to understanding atherosclerotic disease as multifactorial and systemic disease. The main objective of this International Meeting will be to provide the latest update on this topic, from exploring the pathophysiological basis of the disease to its assessment with novel advanced imaging technologies and treatment.

Prof. Italo Porto
Prof. Ik-Kyung Jang

DIRECTORS

Italo Porto
Ik-Kyung Jang

SCIENTIFIC COMMITTEE

Filippo Crea
Ik-Kyung Jang
Italo Porto
Rocco Vergallo

CO-ORGANIZED BY



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ORGANIZING AND SCIENTIFIC SECRETARIAT

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Acute Coronary Syndromes From high-risk plaque to high-risk patient

PROGRAMME

FRIDAY, 17th NOVEMBER

THURSDAY, 16th NOVEMBER 2023 - AFTERNOON

05.00 p.m.- 07.00 p.m. Alignment meeting
All Faculty

FRIDAY, 17th NOVEMBER 2023 - MORNING

09.00 a.m.- 09.10 a.m. Welcome addresses
Fondazione Internazionale Menarini
Authorities
Chairpersons: **I. Porto** (Genoa, IT), **R. Vergallo** (Genoa, IT)

09.10 a.m. - 09.30 a.m. Opening lecture
Ik-Kyung Jang (Boston, USA)
The “myth” of the vulnerable plaque: the past 20 years
of research

SESSION I - TRANSLATIONAL SCIENCE IN ATHEROSCLEROSIS: LINKING THE VULNERABLE PLAQUE TO THE VULNERABLE PATIENT

Chairpersons: **F. Crea** (Rome, IT), **G. Liuzzo** (Rome, IT),
P. Ameri (Genoa, IT)

Discussants
S. Biscaglia (Ferrara, IT), **F. Gragnano** (Caserta, IT)

09.30 a.m. - 09.50 a.m. Clonal hematopoiesis and the risk of atherosclerotic
cardiovascular disease
P. Libby (Boston, USA)

09.50 a.m. - 10.00 a.m. Q&A: All Faculty

10.00 a.m. - 10.20 a.m. Inflammation, ageing and atherosclerosis
G. G. Camici (Zurich, CH)

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10.20 a.m. - 10.30 a.m. Q&A: All Faculty

10.30 a.m. - 11.00 a.m. *Coffee break*

11.00 a.m. - 11.20 a.m. Platelet activation and inhibition in atherothrombosis
C. Patrono (Rome, IT)

11.20 a.m. - 11.30 a.m. Q&A: All Faculty

11.30 a.m. - 11.50 a.m. The role of an immuno-metabolic axis as a new frontier
in atherosclerosis
R. Choudhury (Oxford, UK)

11.50 a.m. - 12.00 p.m. Q&A: All Faculty

12.00 p.m. - 12.30 p.m. Overall discussion

12.30 p.m. - 02.00 p.m. *Lunch*

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FRIDAY, 17th NOVEMBER 2023 - AFTERNOON

SESSION II - MYOCARDIAL INFARCTION AS THE PERFECT STORM: ATHEROSCLEROTIC PLAQUE RUPTURE, EROSION, AND HEALING

Chairpersons: **I. Porto** (Genoa, IT),
Ik-Kyung Jang (Boston, USA), **A. Chieffo** (Milan, IT)

Discussants

E. Bertero (Genoa, IT), **L. Di Vito** (Ascoli Piceno, IT)

- 02.00 p.m. - 02.20 p.m. Atherosclerotic plaque rupture and thrombosis
G. Niccoli (Parma, IT)
- 02.20 p.m. - 02.30 p.m. Q&A: All Faculty
- 02.30 p.m. - 02.50 p.m. Plaque erosion: epidemiology, diagnosis and future
management concept
I. K. Jang (Boston, USA)
- 02.50 p.m. - 03.00 p.m. Q&A: All Faculty
- 03.00 p.m. - 03.20 p.m. Atherosclerotic plaque disruption and healing:
a “double hit” theory
R. Vergallo (Genoa, IT)
- 03.20 p.m. - 03.30 p.m. Q&A: All Faculty
- 03.30 p.m. - 04.00 p.m. *Coffee break*
- 04.00 p.m. - 04.20 p.m. The role of local hemodynamics in plaque vulnerability
and rupture
P.H. Stone (Boston, USA)
- 04.20 p.m. - 04.30 p.m. Q&A: All Faculty
- 04.30 p.m. - 04.50 p.m. Myocardial infarction with non-obstructive coronary
arteries
F. Crea (Rome, IT)

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SATURDAY, 18th NOVEMBER

04.50 p.m. - 05.00 p.m. Q&A: All Faculty

05.00 p.m. - 05.30 p.m. Overall discussion and closing remarks

SATURDAY, 18th NOVEMBER 2023 - MORNING

SESSION III - IMAGING ASSESSMENT OF THE VULNERABLE PLAQUE AND PATIENT

Chairpersons: **G. Guagliumi** (Milan, IT),
R. Vergallo (Genoa, IT), **A. A. Zadeh** (Baltimore, USA)

Discussants

L. Gatto (Rome, IT), **L. Nai Fovino** (Padua, IT)

09.00 a.m. - 09.20 a.m. Non-invasive imaging assessment of plaque vulnerability: an update

D. Andreini (Milan, IT)

09.20 a.m. - 09.30 a.m. Q&A: All Faculty

09.30 a.m. - 09.50 a.m. Invasive imaging assessment of plaque vulnerability: new developments

A. Mattesini (Florence, IT)

09.50 a.m. - 10.00 a.m. Q&A: All Faculty

10.00 a.m. - 10.20 a.m. The role of angiogenesis and intra-plaque hemorrhage in plaque progression

A. V. Finn (Gaithersburg, USA)

10.20 a.m. - 10.30 a.m. Q&A: All Faculty

10.30 a.m. - 10.50 a.m. Multimodality molecular imaging of atherosclerosis: ready for the clinical arena?

F. Jaffer (Boston, USA)

10.50 a.m. - 11.00 a.m. Q&A: All Faculty

11.00 a.m. - 11.30 a.m. *Coffee break*

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SATURDAY, 18th NOVEMBER

SESSION IV - PREVENTIVE AND THERAPEUTIC AVENUES

Chairpersons: **A.M. Leone** (Rome, IT),
A. Banning (Oxford, UK), **M. Canepa** (Genoa, IT)

Discussants

G. Annibali (Turin, IT), **E. Cerrato** (Rivoli, IT),
F. Montecucco (Genoa, IT)

- 11.30 a.m. - 11.50 a.m. Role of lipid-lowering and anti-inflammatory therapies on plaque stabilization
M.I. Papafaklis (Athens, GR)
- 11.50 a.m. - 12.00 a.m. Q&A: All Faculty
- 12.00 a.m. - 12.20 a.m. Medical therapy is not enough! Stenting of high-risk plaques is the key
F. Prati (Rome, IT)
- 12.20 a.m. - 12.30 p.m. Q&A: All Faculty
- 12.30 p.m. - 12.50 p.m. In medio stat virtus: is there any possible integrated approach?
I. Porto (Genoa, IT)
- 12.50 p.m. - 01.00 p.m. Q&A: All Faculty
- 01.00 p.m. - 01.30 p.m. Overall discussion
- 01.30 p.m. - 02.30 p.m. *Lunch*

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SATURDAY, 18th NOVEMBER

SATURDAY, 18th NOVEMBER 2023 - AFTERNOON

SESSION V - ROUND TABLE (ALL PARTICIPANTS)

- 02.30 p.m. - 04.30 p.m. Vulnerable plaque and patient:
summary of emerging concepts
Facilitators: **F. Crea** (Rome, IT), **I. Porto** (Genoa, IT)
- 04.30 p.m. - 05.00 p.m. *Coffee break*
- 05.00 p.m. - 06.30 p.m. New avenues in the diagnosis and treatment of
vulnerable plaques and patients: Expert consensus
Facilitators: **R. Vergallo** (Genoa, IT),
Ik-Kyung Jang (Boston, USA)
- 06.30 p.m. - 07.00 p.m. Closing remarks
I. Porto (Genoa, IT)
- 07.00 p.m. End of the meeting

Acute Coronary Syndromes

From high-risk plaque to high-risk patient

FACULTY

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Acute Coronary Syndromes

From high-risk plaque to high-risk patient

FACULTY

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Felice Gragnano	Department of Translational Medical Sciences University of Campania "L. Vanvitelli" Caserta, IT
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Acute Coronary Syndromes

From high-risk plaque to high-risk patient

FACULTY

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Acute Coronary Syndromes

From high-risk plaque to high-risk patient

FACULTY

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Acute Coronary Syndromes From high-risk plaque to high-risk patient

REGISTRATION - HYBRID 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

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REGISTRATION - LIVE STREAMING

LIVE STREAMING

Via website www.en.fondazione-menarini.it/Home

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Acute Coronary Syndromes From high-risk plaque to high-risk patient

REGISTRATION - FONDAZIONE APP



VIA FONDAZIONE MENARINI APP

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GENERAL INFORMATION

MEETING VENUE

Sala Quadrivium - Largo Eros Lanfranco, 8 - 16121 Genova (IT)

OFFICIAL LANGUAGE

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

LIVE STREAMING EVENT ONLINE ON:

Friday, 17th November: 08.45 a.m. – 05.30 p.m.

Saturday, 18th November: 09.00 a.m. - 06.30 p.m.

SECRETARIAT DURING THE MEETING

The Secretariat will be open at the following times:

Friday, 17th November: 08.45 a.m. – 05.30 p.m.

Saturday, 18th November: 09.00 a.m. - 06.30 p.m.

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.

LUNCH AND COFFEE BREAKS

Lunch and coffee breaks will be served in the meeting area.

ATTENDANCE CERTIFICATE

The attendance certificate will be provided via email upon request.



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