

### SCIENTIFIC COMMITTEE

Grazia Chiellini  
Raffaele De Caterina  
Emanuele Neri  
Aldo Paolicchi  
Stefano Taddei

### ORGANIZATIONAL SECRETARIAT



#### EXECUTIVE CONGRESS SRL

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### VENUE

**AULA MAGNA NUOVA  
PALAZZO DELLA SAPIENZA  
UNIVERSITY OF PISA**

Via Curtatone e Montanara, 15 - Pisa

### PATROCINIO



UNIVERSITÀ  
DI PISA



# INTERNATIONAL SYMPOSIUM The University of Pisa meets the Cardiovascular Division of the Mayo Clinic



UNIVERSITÀ PALAZZO DELLA SAPIENZA DI PISA  
PISA 21-22 March 2024

## 21 MARCH 2024

### 08:30 Introduction

Welcome greetings from:

**Riccardo Zucchi** – Rector, University of Pisa

**Silvia Briani** – General Director, Pisa University Hospital

**Michele Conti** – Mayor of Pisa

### 09:00 OPENING LECTURES

**Grazia Chiellini, Aldo Paolicchi**

The relevance of internationalization for the University of Pisa Medical Area **Ugo Faraguna**

The Mayo Clinic Cardiology Program **Amir Lerman**

The University of Pisa Cardiology Program **Raffaele De Caterina**

### 10:00 ATHEROTHROMBOSIS

**Alessandro Antonelli, Stefano Del Prato**

**From Mayo** – Prognostic value of carotid plaque composition **Valentina Nardi**

**From Pisa** – Detection of the vulnerable carotid plaque-The CAMP project

**Luna Gargani**

Discussion

### 11:00 Coffee Break

### 11:30 ATRIAL FIBRILLATION

**Lorenzo Ghiadoni, Giulio Zucchelli**

**From Mayo** – Atrial Fibrillation Screening: Who, When, and How? **Peter Noseworthy**

**From Pisa** – Atrial cardiomyopathy and atrial fibrillation **Gabriele Masini**

Discussion

### 12:30 KEYNOTE LECTURE

The new frontier in anticoagulation: Factor XI inhibitors **Raffaele De Caterina**

### 13:00 Lunch

### 14:00 ISCHEMIC HEART DISEASE

**Andrea Colli, Marco Lucchi**

**From Mayo** – Coronary artery disease in women: case base **Amir Lerman**

**From Pisa** – The European MINOCA Survey and a diagnostic algorithm for MINOCA

**Doralisa Morrone**

Discussion

### 15:00 HEART FAILURE WITH PRESERVED EJECTION FRACTION

**Angelo Gemignani, Claudio Passino**

**From Mayo** – The role of the microcirculation in HFpEF **Amir Lerman**

**From Pisa** – The cardiopulmonary test to characterize HFpEF patients

**Nicola Riccardo Pugliese**

Discussion

### 16:00 KEYNOTE LECTURE

New frontiers in cardiac amyloidosis research

**Michele Emdin** (*Scuola Superiore S. Anna/Fondazione Toscana Gabriele Monasterio*)

### 16:30 Coffee Break

### 17:00 NEW TOPICS FROM CARDIOVASCULAR RESEARCH IN PISA

**Piero Marchetti, Anna Solini**

• From pulmonary thromboembolism to pulmonary hypertension **Rosalinda Madonna**

• Treatment of mitral and tricuspid regurgitation **Marco De Carlo**

• Relationship between bariatric surgery and renal function **Diego Moriconi**

• Beta cell overdrive: a quest for balance **Domenico Tricò**

Discussants: **Amir Lerman, Lilach Lerman, Francisco Lopez-Jimenez, Valentina**

**Nardi, Peter Noseworthy**

### 18:30 End of the day

## 22 MARCH 2024

### 09:00 PREVENTION

**Maurizia Rossana Brunetto, Monica Nannipieri**

**From Mayo** – Diagnosis and management of obesity from the cardiologist's perspective

**Francisco Lopez-Jimenez**

**From Pisa** – New drugs for the treatment of obesity and reduction of cardiovascular risk

**Ferruccio Santini**

Discussion

### 10:00 HYPERTENSION

**Nunzia Bernardini, Agostino Virdis**

**From Mayo** – New treatment paradigms in renovascular hypertension **Lilach Lerman**

**From Pisa** – New research areas in hypertension **Stefano Masi**

Discussion

### 11:00 Coffee Break

### 11:30 KEYNOTE LECTURE

New drugs for the treatment of hypertension **Stefano Taddei**

### 12:00 ARTIFICIAL INTELLIGENCE IN CARDIOMETABOLIC DISEASE

**Emanuele Neri, Giusy Scandurra**

**From Pisa** – The evolution of search engines and their application to medical science

**Paolo Ferragina**

**From Mayo** – Building an artificial intelligence center of excellence from scratch: the story

of AI in Cardiology at Mayo Clinic **Francisco Lopez-Jimenez**

**From Mayo** – Application of artificial intelligence to the ECG: From retrospective analysis to

prospective trials, to clinical implementation **Peter Noseworthy**

Discussion

### 13:30 CONCLUSION

**Raffaele De Caterina, Stefano Taddei**

Internationalization as a great opportunity for medical education **Caterina Rizzo**

Mayo Clinic – University of Pisa future collaborations

**Amir Lerman, Raffaele De Caterina, Stefano Taddei**

