

SCIENTIFIC PROGRAM

PROMOTED BY



FONDAZIONE  
INTERNAZIONALE  
MENARINI

# HIGHLIGHTS IN CARDIOLOGY

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President of the Congress  
**Prof. Francesco Fedele**



**Rome, February 1<sup>st</sup> - 3<sup>rd</sup>, 2017**

**Aula Magna, "Sapienza"  
Università degli Studi di Roma**

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## **SCIENTIFIC INFORMATION**

Prof. Francesco Fedele

## **SCIENTIFIC COMMITTEE**

Simone Calcagno

Viviana Maestrini

Massimo Mancone



*Dear Friend and Colleague,*

*On behalf of the Organizing Committee, it is my great pleasure to welcome you to Rome and to the 1st Congress on Heart Disease “Highlights in Cardiology”. The Congress has been designed to provide an innovative and comprehensive overview of the latest research developments in cardiovascular medicine, primarily in the areas of cardiology basic sciences, coronary artery disease, heart failure and an overview about heart and sport.*

*Many distinguished cardiologists and scientists have joined the faculty and will take part in this International Congress. The speakers coming from Europe, North and South America and Asia, will present in the plenary sessions, superb scientific material that was carefully selected by the Scientific committee. We explore the treatment of cardiovascular disease, have a special track on the most debated topics about heart failure and ischemic heart diseases, and have some fascinating lectures by the leading professional in our field.*

*These presentations assure that the meeting will be a major scientific event. Our aims to explore, fuel spark and be part of the innovations that will shape the future of our cardiovascular systems and beyond.*

*We hope that you will enjoy the Congress and that your interaction with your colleagues from many different countries will stimulate a creative exchange of ideas and will be personally rewarding. We also hope and trust that you will enjoy your visit to the very beautiful and exciting city of Rome, in February 2017.*

*Yours sincerely,*  
**Francesco Fedele**



A stylized, light-colored illustration of the Colosseum in Rome, serving as a background for the signature and the bottom portion of the letter.

# PROGRAM

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## WEDNESDAY, FEBRUARY 1

**15.00** Registration

**15.15** Introduction

### Cardiovascular prevention

#### **15.30 - 17.20 SESSION I**

**Heart & Sport: primary prevention**

*Chairmen: P. Brady; M. Penco*

**15.30** Perinatal cardiovascular programming  
*G. Mercuro*

**15.45** Sudden cardiac death in the athlete  
*D. Corrado*

**16.00** Role of exercise test, provocative tests and cardiovascular imaging  
*V. Maestrini*

**16.15** Is the ECG screening in all, athletes and no athletes, the answer?  
- Yes  
*F. Fedele*  
- No  
*P. Brady*

**16.45** Not only heart  
*E. Alleva*

**17.00** Discussion

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#### **17.20 - 19.35 SESSION II**

**Cardiovascular disease between gender differences and “new” clinical scenarios**

*Chairmen: L. Badimon; M. Di Biase*

**17.20** Women and cardiovascular disease  
*R. Bugiardini*



**17.35** Cardioprotection and cardio-oncology

***C. Cadeddu Dessalvi***

**17.50** HIV and cardiovascular disease

***M. Mancone***

**18.05** Insulin resistance, metabolic syndrome and adrenergic activation:  
diabetic cardiomyopathy

***P. Perrone Filardi***

**18.20** Infective disease and cardiovascular pathology

***C. Chimenti***

**18.35** Discussion

**18.55 OPEN CEREMONY**

***Eugenio Gaudio***, Rector of “Sapienza” University of Rome

***Domenico Alessio***, General Manager of “Azienda Ospedaliera Universitaria  
Policlinico Umberto I”

***Sebastiano Filetti***, Dean of Medicine and Odontology, “Sapienza”  
University of Rome

**19.05 LECTURE**

***Chairman: F. Fedele***

The essential role of educational development: ACC prespective

***P. O’Gara***

**19.35** Welcome cocktail



## THURSDAY, FEBRUARY 2

**08.45** Introduction

### New knowledge in ischemic heart disease: basic science and clinical scenario

#### **09.15 - 11.30 SESSION III**

Basic Science

**Which is the protagonist in the ischemic heart/atherosclerotic disease development?**

*Chairmen: W. Chilian; F. Fedele*

**09.15** Role of the oxLDL and the inflammatory process  
*F. Romeo*

**09.30** Microcirculation dysfunction in different clinical settings  
*P. G. Camici*

**09.45** Role of the cardiac adrenergic innervation and microvascular constriction  
*F. Crea*

**10.00** Role of mitochondrial oxidative stress in the coronary vessel  
*W. Chilian*

**10.15** Role of cardiac metabolism: crosstalk between myocardial energy state and coronary blood flow  
*P. Severino*

**10.30** Discussion

#### **11.00 LECTURE**

*Chairman: F. Fedele*

Cardiovascular disease in China

*L. Jiang*

**11.30** Coffee break

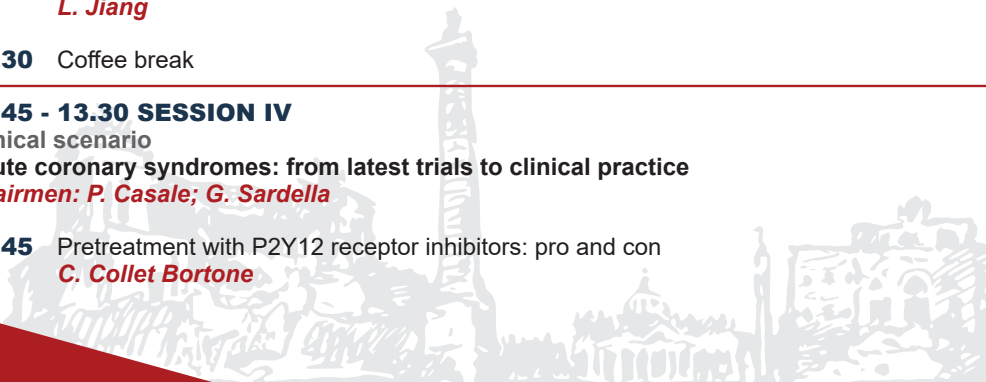
#### **11.45 - 13.30 SESSION IV**

Clinical scenario

**Acute coronary syndromes: from latest trials to clinical practice**

*Chairmen: P. Casale; G. Sardella*

**11.45** Pretreatment with P2Y<sub>12</sub> receptor inhibitors: pro and con  
*C. Collet Bortone*



**12.00** Cardiovascular disease and diabetes: a critical evaluation of recent outcome trials  
*F. Cosentino*

**12.15** Bioresorbable vascular scaffold: the present and the future  
*R. Diletti*

**12.30** Thrombectomy during primary PCI  
*G. Sardella*

**12.45** Cardiogenic shock: pharmacological and non-pharmacological therapies  
*M. Mancone*

**13.00** Discussion

**13.30** Lunch

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**14.30 - 17.15 SESSION V**

**Chronic ischemic heart disease: “new” pharmacological approach**

*Chairmen: G. Ambrosio; F. Cosentino*

**14.30** Dual antiplatelet therapies issue in:

- Atrial fibrillation patient

*G. Patti*

- Elective non-cardiac surgery

*P. Casale*

**15.00** The new drugs for the residual/persistent angina  
*S. Calcagno*

**15.15** Acid uric a new therapeutic target  
*G. Ambrosio*

**15.30** Treating hypercholesterolemia: more than statins  
*F. Adamo*

**15.45** Discussion

**16.15** Best abstract award

*Chairmen: M. Di Biase; F. Romeo*

**17.15** End of sessions



## FRIDAY, FEBRUARY 3

**08.45** Introduction

### Heart failure: translating evidences in clinical practice

#### **09.15 - 11.00 SESSION VI**

Heart failure as multi-organ syndrome

*Chairmen: L. Dei Cas; S. Novo*

**09.15** Lung involvement  
*C. D.Vizza*

**09.30** Renal involvement  
*S. Mazzaferro*

**09.45** Liver involvement  
*G. Sinagra*

**10.00** Brain involvement  
*D. Toni*

**10.15** HLM: the new TNM-like classification for heart failure  
*F. Fedele*

**10.30** Discussion

**11.00** Coffee break

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#### **11.15 - 13.30 SESSION VII**

Clinical scenario

Advanced heart failure: from drugs to device to stem cells

*Chairmen: G. Mazzesi; L. Padeletti*

**11.15** The use of new ICDs in the primary prevention  
*C. Lavalle*

**11.30** Mechanical therapy  
*F. Miraldi*

**11.45** Pharmacological therapy: new inotropes  
*M. Metra*

**12.00** Hemodynamic support and VAD  
*P. Mather*





**12.15** Stem cells and cardiac regeneration  
*D. Torella*

**12.30** Discussion

**13.00 LECTURE**

*Chairman: F. Fedele*

Surgical treatment of heart failure: the past, present and future  
*O. Alfieri*

**13.30** Lunch

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**14.30 - 17.00 SESSION VIII**

Heart failure and imaging evaluation

*Chairmen: F. Gentile; R. E. Dulgheru*

**14.30** Left ventricular function evaluation  
*R. E. Dulgheru*

**14.45** Right ventricular function  
*P. Marino*

**15.00** Strategies to assess valve involvement  
*G. La Canna*

**15.15** Fibrosis in non-ischemic cardiac diseases  
*V. Maestrini*

**15.30** Viable versus non viable myocardium  
*L. Agati*

**15.45** Endomyocardial biopsy  
*A. Frustaci*

**16.00** Discussion

**16.30 LECTURE**

*Chairman: F. Fedele*

Heart failure between clinical evaluation and multimodality imaging  
*S. Murali*

**17.00** CME evaluation and conclusions



# GENERAL INFORMATION

## CONGRESS VENUE

Aula Magna del Rettorato - "Sapienza" Università degli Studi di Roma  
Piazzale Aldo Moro, 5  
00185 Rome, Italy

## REGISTRATION

Registration is free.  
The registration form is available on the website:



[www.mcrconference.it](http://www.mcrconference.it)

The organizing secretariat will confirm in writing the approval of the registration.

## CME CREDITS (only for Italian physicians)

Provider C.M.E. **MCR Conference Srl** ID 489  
Event Number 176745 - N. 7 Assigned credits

The congress is accredited for the Italian physicians, in accordance with the existing national laws on CME.

**Profession:** Physicians

**Reserved to the following categories:** Anesthesiology and Intensive Care, Cardiology, General Medicine, Cardiac Surgery, Internal Medicine.

## CONFERENCE LANGUAGE

English is the official language.



# SPEAKERS AND CHAIRMEN

**Francesco Adamo**, *Rome I*

**Luciano Agati**, *Rome I*

**Ottavio Alfieri**, *Milan I*

**Enrico Alleva**, *Rome I*

**Giuseppe Ambrosio**, *Perugia I*

**Lina Badimon**, *Barcelona ES*

**Peter Brady**, *Rochester USA*

**Raffaele Bugiardini**, *Bologna I*

**Christian Cadeddu Dessalvi**, *Cagliari I*

**Simone Calcagno**, *Rome I*

**Paolo G. Camici**, *Milan I*

**Paul Casale**, *New York USA*

**William Chilian**, *Rootstown USA*

**Cristina Chimenti**, *Rome I*

**Carlos Collet Bortone**, *Amsterdam NL*

**Domenico Corrado**, *Padova I*

**Francesco Cosentino**, *Stockholm S*

**Filippo Crea**, *Rome I*

**Livio Dei Cas**, *Brescia I*

**Matteo Di Biase**, *Foggia I*

**Roberto Diletti**, *Rotterdam NL*

**Raluca Elena Dulgheru**, *Liegi BE*

**Francesco Fedele**, *Rome I*

**Andrea Frustaci**, *Rome I*

**Federico Gentile**, *Naples I*

**Lixin Jiang**, *Beijing CN*

**Giovanni La Canna**, *Milan I*

**Carlo Lavallo**, *Rome I*

**Viviana Maestrini**, *Rome I*

**Massimo Mancone**, *Rome I*

**Paolo Marino**, *Novara I*

**Paul Mather**, *Philadelphia USA*

**Sandro Mazzaferro**, *Rome I*

**Giuseppe Mazzesi**, *Rome I*

**Giuseppe Mercuro**, *Cagliari I*

**Marco Metra**, *Brescia I*

**Fabio Miraldi**, *Rome I*

**Srinivas Murali**, *Pittsburgh USA*

**Salvatore Novo**, *Palermo I*

**Patrick O'Gara**, *Boston USA*

**Luigi Padeletti**, *Florence I*

**Giuseppe Patti**, *Rome I*

**Maria Penco**, *L'Aquila I*

**Pasquale Perrone Filardi**, *Naples I*

**Francesco Romeo**, *Rome I*

**Gennaro Sardella**, *Rome I*

**Paolo Severino**, *Rome I*

**Gianfranco Sinagra**, *Trieste I*

**Danilo Toni**, *Rome I*

**Daniele Torella**, *Catanzaro I*

**Carmine Dario Vizza**, *Rome I*

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