

## Faculty

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Montano Nicola, *Università degli Studi di Milano*  
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Santoro Rosaria, *Centro Cardiologico Monzino IRCCS*  
Scalera Giselda, *Ministero della Salute*  
Trabattoni Daniela, *Centro Cardiologico Monzino IRCCS*  
Tremoli Elena, *Centro Cardiologico Monzino IRCCS*  
Zanchetti Alberto, *Istituto Auxologico Italiano IRCCS*

## How to reach us

### Public transport (ATM)

*From the city centre:*

(1) Take subway 3 (yellow line) toward San Donato up to the last station. Take bus number 45, Via Vittorini stop which is 50 m from Centro Cardiologico Monzino.

(2) Take tram number 27 to Viale Ungheria stop, then take bus number 66 or 67 toward Linate airport and get off in Via Vittorini.

*From the Central Station and Rogoredo:* Take subway 3 (yellow line) and follow the directions above.

### By car

The Centro Cardiologico Monzino is situated 100 metres from "Via Mecenate" exit of the Tangenziale Est (bypass road).

*From Milan:*

Enter Via Mecenate, turn left at the traffic-light just before the entrance to Tangenziale Est and follow indications for CCM (Centro Cardiologico Monzino).

*From the A1 (Bologna) motorway:*

Take Tangenziale Est (toward Venezia) up to the exit of Via Mecenate, then follow the indication for CCM (Centro Cardiologico Monzino).

*From the A1 (Venezia) motorway:*

Take Tangenziale Est (toward Bologna) up to the exit of Via Mecenate, then follow the indication for CCM (Centro Cardiologico Monzino).

*From the A4 (Torino), A8 (Varese), A7 (Genova), A9 (Como) motorways:*

Take Tangenziale Ovest (toward Bologna) and then enter Tangenziale Est (toward Venezia) up to the exit "Via Mecenate" and follow the indications for CCM (Centro Cardiologico Monzino).

### Map

You can find the map indicating how to reach us on the web-site [www.cardiologicomonzino.it](http://www.cardiologicomonzino.it) in the "come raggiungereci" area, then clicking on PIANTINA.



Centro Cardiologico  
Monzino

Dipartimento DISCCO - Sezione Cardiovascolare  
Università degli Studi di Milano

8-9 march 2018

Aula Magna Cesare Bartorelli  
IRCCS Centro Cardiologico Monzino, Milano

[www.ricercamonzino.it](http://www.ricercamonzino.it)  
2018

Who we are

What we do

Where we are going



Centro Cardiologico  
Monzino



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

# Program

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## THURSDAY, MARCH 8

9.30-10.00

Welcome and introduction

*M. Melis*

*N. Montano*

*E. Tremoli*

10.00-10.30

Lecture

Chairperson: *C. Fiorentini*

Grow and future of the non communicable disorders:

The pediatrician's point of view

*C. Agostoni*

10.30-11.30

Chairperson: *E. Tremoli*

Research strategies of the Ministry of Health

*G. Guglielmi*

11.30-12.00

COFFEE BREAK

12.00-13.00

Cardiovascular IRCCS Network: the National Platform for Cardiovascular Sciences

*G. Scalera*

Cardiovascular IRCCS Network: round table

*E. Tremoli, L. Menicanti, L. Rossi Bernardi, A. Zanchetti*

13.00-14.00

LUNCH

14.00-15.00

Lecture

Chairperson: *F. Abbicchi*

Guidelines for a Longer and Healthier life

*P. Boyle*

Transcatheter aortic valve implantation:

should we treat moderate-low risk patients?

*A. Bartorelli*

15.00-17.00

Updates on Cardiovascular Imaging

Chairperson: *M. Pepi*

- Plaque imaging with cardiac CT and correlations with biomarkers  
*D. Andreini*
- Acute myocardial infarction: which lesson from cardiac magnetic resonance?  
*G. Pontone*

- Echogenicity of carotid plaques and cardiovascular events  
*D. Baldassarre*
- Network Pharmacology: new approaches to the target deconvolution  
*C. Banfi*

17.00-17.15

COFFEE BREAK

17.15-18.00

Main lecture

Chairperson: *E. Tremoli*

- TRPV2 blockers and MMP blockers to potentially prevent myocardial damage
- Interatrial decompression to prevent lung congestion in patients with heart failure  
*G. Keren*

18.00-19.00

The value of Prevention

Chairperson: *C. Fiorentini*

- Cardiovascular disease in women: from awareness and prevention to clinical outcomes  
*D. Trabattoni*
- Cardiorespiratory Monitoring  
*PG. Agostoni*

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## FRIDAY, MARCH 9

9.00-10.00

Main Lecture:

Chairperson: *E. Tremoli*

Restoring function in stroke via GPR17, a new receptor involved in adult brain self-repair (RENEW IT): the ERANET project  
*MP. Abbracchio*

10.00-11.00

Atherothrombosis: emerging scenario

Chairperson: *G. Marenzi*

- In searching for hidden platelet modulators: the role of PCSKg  
*M. Camera*
- Redefining the role of circulating cells in the thrombotic event  
*M. Brambilla*

11.00-11.30

COFFEE BREAK

11.30-12.30

- Diabetes and Atherothrombosis  
*S. Genovese*
- Monocyte and macrophage phenotype in relation to plaque morphology and activity  
*S. Eligini*

12.30-13.30

LUNCH

13.30-16.00

Translational Research: frontiers of Breaking Science

Chairperson: *A. Dello Russo*

- Identification and targeting of novel pathogenic mechanisms in Arrhythmogenic Cardiomyopathy  
*G. Pompilio*
- Heart-in-a-dish models of dystrophic cardiomyopathy; relevance of recapitulating the myocardial microenvironment  
*A. Gowran*
- Use of ionizing radiation in interventional cardiology: a silent complication. Role of DNA damage biomarker  
*M. Casella*
- Doxorubicin-Induced Cardiotoxicity: when "Heart" is not enough  
*Y. D'Alessandra*
- MicroRNA-34a promotes senescence-mediated vascular smooth muscle cells calcification by downregulating SIRT1 and Ax  
*A. Raucci*

16.00-16.30

COFFEE BREAK

16.30-17.30

Tissue engineering applications in cardiovascular therapy

Chairperson: *M. Agrifoglio*

- Cell and tissue mechano-sensation in pathology decryption and engineering of the cardiovascular system  
*M. Pesce*
- Valve tissue engineering: can the substrate modulate aortic valve interstitial cells pro-pathological differentiation?  
*R. Santoro*