

During the 2017's edition of www.ricercamonzino.it we will illustrate the strategies for research implementation in IRCCS, Institutions that serve research and clinical purposes in the biomedical field and in the organization and management of health services. The scientists and clinicians of Centro Cardiologico Monzino will provide insights into their translational research, which spans from basic to clinical cardiovascular science. Finally, two main lectures will focus on individualized cardiovascular care and on regenerative medicine, respectively.

Faculty

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UNIVERSITÀ
DEGLI STUDI
DI MILANO



Grant Agreement 675132



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 in the "come raggiungereci" area, then clicking on PIANTINA.



Centro Cardiologico
Monzino



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Monzino

Dipartimento DISCCO - Sezione Cardiovascolare
Università degli Studi di Milano

9-10 march 2017

Aula Magna Cesare Bartorelli
IRCCS Centro Cardiologico Monzino, Milano

www.ricercamonzino.it
2017

Who we are
What we do
Where we are going



Program

THURSDAY, MARCH 9

9:30-9:45

Welcome and introduction

C. Buora, M. Melis, E. Tremoli, C. Fiorentini

9:45-10:45

Research programs of the Ministry of Health

Chairperson: *E. Tremoli*

- Research: a new strategy for Italy
G. Guglielmi
- New criteria of evaluation of IRCCS
M.N. Luciani

10:45-11:15

COFFEE BREAK

11:15 -11:45

Technology Transfer in Health Care

G. Scalera

11:45-13:00

“Rete Cardiologica” network: advances

E. Tremoli, L. Rossi Bernardi, A. Parolari

13:00-14:00

LUNCH

14:00-15:00

Main lecture

Chairperson: *C. Fiorentini*

Precision medicine:

a new era toward the development of individualized care

G. Di Minno

15:00-16:00

Cardiovascular disease: from isolated biomarkers to system biology.

The OMIC approach I

Chairpersons: *M. Zanobini, G. Marenzi*

- Integrating carotid imaging and “omic” biomarkers for the assessment of cardiovascular risk
D. Baldassarre
- From genomics to microbiota
G. Colombo

16:00-17:00

Cardiovascular disease: from isolated biomarkers to system biology.

The OMIC approach II

- Metabolomics: a new tool in biomarker discovery
V. Cavalca
- Proteomic: from target discovery to target verification and validation
C. Banfi

- Circulating biomarkers for the identification of aortic valve degeneration - SILENT study

P. Poggio

- Thrombotic risk stratification: insights from “omics”

M. Camera

17:00-17:30

COFFEE BREAK

17:30-19:00

Imaging techniques: new frontiers, future medicine

Chairpersons: *C. Fiorentini, M. Pepi*

- Beyond appearance-which role of emerging magnetic resonance imaging in the modern cardiology?
G. Pontone
- Artificial intelligence in the reprocessing analysis of coronary angiographic images
M. Amato
- Intracoronary imaging: PCI guidance and atherosclerosis investigation
F. Fabbicchi
- Feeling the right force: how to contextualize cell mechanical behavior in physiologic turnover and pathologic evolution of the cardiovascular system
M. Pesce

Discussion

FRIDAY, MARCH 10

9:00-10:00

Main Lecture

Chairperson: *G. Pompilio*

Regenerative medicine build-out

A. Terzic

10:00-11:00

Translational Research I

Chairpersons: *P. Agostoni, E. Sisillo*

- The artificial heart. From the bench to the bed side
P. Agostoni
- Dystrophic cardiomyopathy: the role of the endocannabinoid signaling
A. Gowran

11:00-11:30

COFFEE BREAK

12:30-13:30

Translational Research II

Chairpersons: *C. Fiorentini, M. Casella*

- Left ventricular arrhythmogenicity in patient with organic mitral valve insufficiency
F. Alamanni, A. Dello Russo

- Unravelling the function of cyclophilin A/EMMPRIN axis in thoracic aortic aneurysm of Marfan Syndrome
P. Nigro

13:30-14:30

LUNCH

14:30-15:30

Impact of psychological factors on the pathogenesis of cardiovascular disease

Chairpersons: *A. Apostolo, E. Assanelli*

- Thrombosis and antidepressant drugs: a new outlook
S.S. Barbieri
- Psychopathology, stress and cardiovascular diseases
A. Gorini

15:30-16:30

The Value of Prevention

Chairpersons: *L. Galetto, D. Trabattoni*

- Monzino Women
D. Trabattoni
- Monzino SPORT
A. Dello Russo
- ProSalute: Program for cardiovascular prevention in communities
J. P. Werba

16:30-17:00

COFFEE BREAK

17:00-18:15

Newer biomarkers

Chairpersons: *M. Camera, V. Cavalca*

- H2020 & MASS Spectrometry TRaining network for Protein Lipid adduct ANalysis: fostering new skills
A. Martínez Fernández
- Clinical relevance of 8-OHdG as novel oxidative stress biomarker in heart failure patients
A. Di Minno
- PCSK9, not only a modulator of cholesterol levels, but also of platelet function
L. Rossetti
- An untargeted metabolomics approach to identify new pathways involved in aspirin effects
L. Turnu
- Single cell transcriptome analysis in living human platelets from healthy subjects and CAD patients
C. Zara

18:15

Conclusions and end of the congress