

# *Cardiometabolic Risk and Cardiomyopathies*

**APRIL 19-21, 2018  
HOTEL ROYAL CONTINENTAL, VIA PARTENOPE  
NAPOLI, ITALY**

**President of the meeting:  
Prof. Bruno Trimarco**



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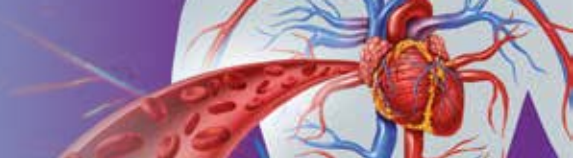


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## **INTRO SPEECH**

I would like to extend my warm welcome to all faculty and participants to the “International Symposium on Cardiometabolic risk and cardiomyopathies”. The fil rouge of the Symposium is the “holistic approach” to the patient at risk or with incident cardiomyopathies. Over the last decades we’ve witnessed an exponential growth of what was initially not more than a sub-discipline of General Internal Medicine. Today, Cardiology stands alone encompassing multiple sub-disciplines that have referred the diagnosis and treatment of patients with cardiomyopathies to super-specialized professionals. Without dismissing the paramount achievements in Cardiology, I believe there comes a moment when we need to zoom out and gather a global appraisal of the wealth of information to ultimately treat the patient as a whole. This Symposium provides the unique opportunity to overview the latest clinical evidence, novel diagnostic strategies and cutting-edge therapies without losing focus on patient’s expectations in quality and quantity of life. In other words, “by dwelling in the past, we might better enter the doors of the future”.

*Prof. Bruno Trimarco*



## UNDER THE AUSPICES OF



**Società Italiana dell'Ipertensione Arteriosa**  
Lega Italiana contro l'Ipertensione Arteriosa

### President of the Meeting:

**Prof. Bruno Trimarco**

*Full Professor of Cardiology  
Chief of Department of Cardiovascular Emergencies,  
University Federico II, Naples.*

### Scientific & Organizing Secretariat

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## Thursday, April 19<sup>th</sup>, 2018

**13.30-14.15** Registration and entry test

**14.15-14.30** Introductory notes

### **14.30-15.00** First Lecture

**Introduction:** **Luigi Frati** (Rome, I)  
**Massimo Volpe** (Rome, I)

The role of the renin-angiotensin system in the pathogenesis of cardiomyopathies and heart failure

### **15.00-15.30** Second Lecture

**Introduction:** **Domenico Bonaduce**  
(Naples, I)  
**Marco Metra** (Brescia, I)

Direct-acting oral anticoagulants: a new frontier for prevention of cardiovascular events

**15.30-16.00** *Coffee Break*

**16.00-17.45** **Session I**  
**“Cardiomyopathy: from bench to bedside”**

**16.00-16.05** **Chairpersons:**  
**Giuseppe Lembo** (Rome, I)  
**Guido Iaccarino** (Salerno, I)

### **Keynote Speakers:**

**16.05-16.25** **Gianluigi Condorelli**  
(Milan, I)

Epigenetic mechanisms in cardiovascular diseases

**16.25-16.45** **Daniela Carnevale** (Rome, I)  
Neuroimmune mechanisms in cardiovascular diseases

**16.45-17.05** **Tomasz Guzik** (Glasgow, UK)  
Perivascular inflammation in hypertension and atherosclerosis- local or systemic phenomenon?

**17.05-17.25** **Jean Luc Balligand**  
(Brussels, B)  
Not the usual business; adrenergic regulation of cardiac function through the NOS system

**17.25-17.45** **Discussion**

**17.45-18.45** **Session II**  
**“Metabolic Risk Factors and Cardiomyopathies”**

**17.45-17.50** **Chairpersons:**  
**Giuseppe Paolisso** (Naples, I)  
**Paolo Calabrò** (Naples, I)

**17.50-18.10** **Claudio Ferri** (L'Aquila, I)  
Uric acid metabolism

**18.10-18.30** **Giovambattista Desideri**  
(L'Aquila, I)

Uric acid as a prognostic marker

**18.30-18.45** **Discussion**

**18.45-19.00** **Closing Remarks**

## Friday, April 20<sup>th</sup>, 2018

### 8.45-10.30 Session III

**“Risk factors and co-morbidities:  
Holistic approach to the patient with  
cardiomyopathy”**

**8.45-08.50 Chairpersons:**  
**Carmine Vecchione** (Salerno, I)  
**Carmine Morisco** (Naples, I)

#### **Keynote Speakers:**

**8.50-9.10 Junichi Sadoshima**  
(Newark, USA)

Molecular mechanisms of diabetic  
cardiomyopathy

**9.10-9.30 Silvia Priori** (Pavia, I)

Mechanisms and prognostic  
value of ventricular arrhythmias in  
cardiomyopathy

**9.30-9.50 Antonio Cittadini** (Naples, I)

Endocrine homeostasis and cardiac  
function: role of the Growth Hormone  
in the failing heart

**9.50-10.10 Gaetano Santulli** (Naples, I)

Targeting intracellular calcium in  
clinical scenarios

**10.10-10.30 Discussion**

**10.30-11.00 Coffee Break**

**11.00-11.30 Third Lecture**

**Introduction: Pasquale Perrone Filardi**  
(Naples, I)

**Wolfram Zimmermann**  
(Goettingen, D)

Cardiac tissue engineering: back to the  
future

**11.30-12.50 Session IV**  
**“Non-invasive diagnostic cardiovascular  
imaging”**

**11.30-11.35 Chairpersons:**  
**Maurizio Galderisi** (Naples, I)  
**Nicola De Luca** (Naples, I)

#### **Keynote Speakers:**

**11.35-11.55 Maria Lorenza Muiesan**  
(Brescia, I)

Cardiac target organ damage  
in arterial hypertension

**11.55-12.15 Roland Asmar** (Paris, F)

Update on the technology for arterial  
evaluation

**12.15-12.35 Juan Carlos Plana**  
(Houston, USA)

Cardiotoxicity cardiomyopathies in  
oncology patients

**12.35-12.50 Discussion**

**12.50-14:00 Lunch Buffet**

**14.00-15.45 Session V**  
**“Ischemic cardiomyopathy”**

**14.00-14.05 Chairpersons:**  
**Emanuele Barbato** (Naples, I)  
**Eugenio Stabile** (Naples, I)

#### **Keynote Speakers:**

**14.05-14.25 William Wyns** (Galway, IRL)

Definition and management of chronic  
ischemic cardiomyopathy

**14.25-14.45 Francesco Cosentino**  
(Stockholm, S)

Diabetic cardiomyopathy: the role  
of epigenetics

# Cardiometabolic Risk and Cardiomyopathies

## **14.45-15.05** **Alberto Cuocolo** (Naples, I)

Imaging assisted management of patients with ischemic severe left ventricle dysfunction

## **15.05-15.25** **Raffaele Piccolo** (Naples, I)

Revascularization strategies in patients with ischemic left ventricular systolic dysfunction

## **15.25-15.45** **Discussion**

## **15.45-16.15** *Coffee break*

## **16.15-17.15** **Lectures**

**Introduction:** **Francesco Rossi** (Naples, I)  
**Claudio Borghi** (Bologna, I)

## **16.15-16.45** **Fourth Lecture**

**Joseph A. Hill**  
(Dallas, TX, USA)

Heart failure with preserved ejection fraction: an expanding epidemic

## **16.45-17.15** **Fifth Lecture**

**Giuseppe Mancica** (Milan, I)

One Step Below: New Blood Pressure Targets in the Guidelines for High Blood Pressure Management

## **17.15-18.15** **Session VI**

### **“Contemporary trends in valvular heart disease treatment”**

**Chairpersons:** **Giovanni Esposito** (Naples, I)  
**Plinio Cirillo** (Naples, I)

## **17.15-17.45** **Sixth Lecture**

**Francesco Romeo** (Rome, I)

Pathophysiology, classification and epidemiology of heart valve disease

## **17.45-18.15** **Seventh Lecture**

**Robert O. Bonow**  
(Chicago - IL, USA)

Guidelines recommendations for management of aortic stenosis

### **Keynote Speakers:**

**18.15-18.35** **Roberto Di Bartolomeo**  
(Bologna, I)

Present and future of valve surgery and surgeons

**18.35-18.55** **Giuseppe Tarantini** (Padua, I)

Trans-catheter heart valve therapy: from innovation strategy to mainstream therapy

## **18.55-19.05** **Discussion**

## **19.05-19.15** **Closing Remarks**

## Saturday, April 21<sup>st</sup>, 2018

### 8.30-10.30 **Session VII** **"Perspectives in Cardiomyopathies"**

8.30-08.35 **Chairpersons:**  
**Cinzia Perrino** (Naples, I)  
**Antonio Rapacciuolo**  
(Naples, I)

8.35-8.55 **Renato Pietro Ricci**  
(Rome, I)

Heart failure management: emerging  
role of remote control of implantable  
devices

8.55-9.15 **Daniele Catalucci** (Milan, I)

Nanotechnology applications in  
cardiomyopathies

9.15-10.00 **Discussion**

10.00-11.30 **Lectures**

**Introduction:** **Giovanni De Simone**  
(Naples, I)  
**Paolo Golino** (Naples, I)

10.00-10.30 **Eight Lecture**

**Giuseppe Ambrosio**  
(Perugia, I)

Oxidative stress to regulate cardiac  
function

10.30-11.00 **Ninth Lecture**

**Gianni Marone** (Naples, I)

The Resurrection of Mast Cells in  
Cardiovascular Diseases

11.00-11.30 **Tenth Lecture**

**James Thomas**  
(Chicago, USA)

Advanced echocardiography: The role  
of strain imaging

11.30-12.15 **Discussion**

12.15-12.45 **Coffee Break**

12.45-13.45 **Lectures**

**Introduction:** **Cinzia Perrino** (Naples, I)  
**Raffaella Lombardi**  
(Naples, I)

12.45-13.15 **Eleventh Lecture**

**Vera Regitz-Zagrosek**  
(Berlin, D)

Translational aspects of sex  
differences in cardiomyopathies

13.15-13.45 **Twelfth Lecture**

**Ali J Marian**  
(Houston - TX, USA)

Genetics and genomics of  
cardiomyopathies

13.45-14.30 **Discussion**

14.30-15.00 **Closing Remarks**

15.00-15.15 **CME Questionnaire**

## **GENERAL INFORMATION**

### **Meeting venue**

The venue for the Meeting will be "HOTEL ROYAL CONTINENTAL"  
Via Partenope 38 - 44 Napoli (Italy)

### **Secretariat during the Meeting**

The Secretariat will be open at the following times:  
Thursday, April 19 2018, from 13:00 a.m. to 19.30 p.m.  
Friday, April 20 2018, from 8:00 a.m. to 20.00 p.m.  
Saturday, April 21 2018, from 8.00 a.m. to 14:00 p.m.

### **Official language**

The official language of the Meeting will be English.  
Simultaneous translation will be provided.

### **Registration**

The Meeting is free to attend. Please confirm the participation  
to the Organizing Secretariat

### **Provider ECM e Segreteria Organizzativa**



**PROVIDER STANDARD NAZIONALE - ID33**

Provider with E.C.M. Standard Accreditation No 33  
Training event No 33-220199

Registration for training credits (No 12,6) is limited to a number of 180 participants.  
At the time of registration participants must provide personal tax code  
and fill in the registration form.

The actual participation to the training event will be electronically detected  
by badge (at the entrance, during and at the end of each  
of the two days of the course).

This CME event will be held in Naples from the 19<sup>th</sup> to 21<sup>th</sup> of April 2018.  
The event will be reserved to the following disciplines: Cardiology, Diabetology,  
Endocrinology & Metabolism, Family Practice (GP's), Geriatric Medicine,  
Internal Medicine, Nephrology.  
No registration fee is required.

### **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.

The center will be open at the following times:  
Thursday, April 19 2018, from 13:00 a.m. to 19.30 p.m.  
Friday, April 20 2018, from 8:00 a.m. to 20.00 p.m.  
Saturday, April 21 2018, from 8.00 a.m. to 14:00 p.m.

### **Lunches and coffee breaks**

Lunches and coffee breaks will be served in the Meeting area.

**Menarini Foundation**  
Simposia n° 384