

# III FLORENCE INTERNATIONAL SYMPOSIUM ON ADVANCES IN CARDIOMYOPATHIES

## 12<sup>TH</sup> MEETING OF THE EUROPEAN MYOCARDIAL AND PERICARDIAL DISEASES WORKING GROUP OF THE EUROPEAN SOCIETY OF CARDIOLOGY

OCTOBER, 22-24 2015

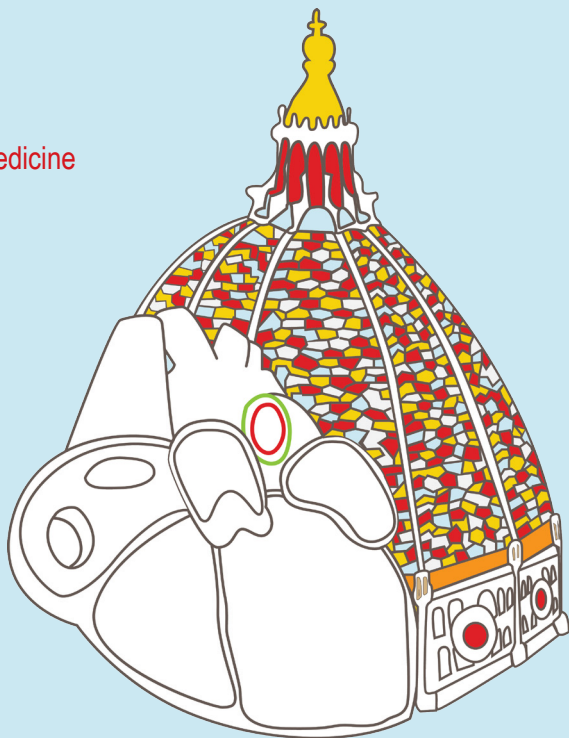
Presented by:  
Dept. Clinical and Experimental Medicine  
University of Florence

Fondazione  
A.R. Card onlus

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PRELIMINARY PROGRAM

[www.cardiomyopathies2015.com](http://www.cardiomyopathies2015.com)



**FROM THE SYMPOSIUM DIRECTORS AND THE CHAIRPERSON OF THE MYOCARDIAL AND PERICARDIAL DISEASE WORKING GROUP OF THE EUROPEAN SOCIETY OF CARDIOLOGY**

Dear colleagues,

*It is a great pleasure to invite you to the III "Florence International Symposium on Advances in Cardiomyopathies" in conjunction with the 12<sup>th</sup> Meeting of the Myocardial and Pericardial diseases Working Group of the European Society of Cardiology, to be held in Florence on 22<sup>nd</sup>-24<sup>th</sup> October 2015.*

*Individuals with cardiomyopathies constitute an increasingly large proportion of patients seen by most cardiologists. This class of diseases cause important and often unsolved management problems, despite rapid advances in the field. On the other hand, few other areas of cardiology have seen such an impressive contribution from basic science and translational research to the understanding of pathophysiology and clinical management, leading to exciting new developments.*

*As in the previous editions held in 2008 and 2012 ,the course is designed to constantly promote close interaction between basic science and clinical practice, and will be preceded by Minicourses with How-to sessions and Illustrative case study presentations, in an attempt to address the topic in a truly global fashion. Novel options such as next generation sequencing gene testing, innovative pharmacological approaches and the subcutaneous ICD will be discussed. It is hoped that the broad range of topics will attract the interest of a wide audience, including physicians, clinical researchers, cardiologists, pathologists, basic scientists, and young investigators.*

*A wide and open discussion among all the participants is welcome.*

*We hope that the Florence Meeting 2015 will be extremely productive, providing with an opportunity to improve our understanding of this challenging area of expertise and to stimulate further research into the field.*

*We look forward to welcoming you in Florence next October.*

*Arrivederci a Firenze !!*



Prof. Franco Cecchi



Dr. Jacopo Olivotto



Dr. Alida Caforio

## SCIENTIFIC COMMITTEE

Alida Caforio  
Gabriele Castelli  
Elisabetta Cerbai  
Raffaele Coppini  
Cecilia Ferrantini

Francesca Girolami  
Ales Linhart  
Alessandro Mugelli  
Corrado Poggese  
Benedetta Tomberli

## FACULTY

Yehuda Adler, *Ramat Gan IL*  
Aris Anastasakis, *Athens GR*  
Michael Arad, *Ramat Gan IL*  
Luigi Badano, *Padua I*  
Cristina Basso, *Padua I*  
Barbara Bauce, *Padua I*  
Elena Biagini, *Bologna I*  
Jan Bogaert, *Leuven BE*  
Maria Grazia Bongiorno, *Pisa I*  
Robert Bonow, *Chicago USA*  
Costanza Burgisser, *Florence I*  
Alida Caforio, *Padua I*  
Paolo G. Camici, *Milan I*  
Lucie Carrier, *Hamburg D*  
Gabriele Castelli, *Florence I*  
Franco Cecchi, *Florence I*  
Philippe Charron, *Paris F*  
Raffaele Coppini, *Florence I*  
Giulia D'Amati, *Rome I*  
Paolo Di Donna, *Asti I*  
Perry Elliott, *London UK*  
Urs Eriksson, *Zurich CH*  
Cecilia Ferrantini, *Florence I*  
Paolo Ferrazzi, *Monza I*  
Maria Frigerio, *Milan I*  
Pablo García Pavía, *Majadahonda ES*  
Francesca Girolami, *Florence I*  
Carolyn Yung Ho, *Boston USA*  
Maria Iascone, *Bergamo I*  
Massimo Imazio, *Turin I*  
Karin Klingel, *Tuebingen D*  
Christina Maria Kotta, *Milan I*  
Ornella Leone, *Bologna I*

Giuseppe Limongelli, *Naples I*  
Ales Linhart, *Prague CZ*  
Renzo Marcolongo, *Padua I*  
Barry J. Maron, *Minneapolis USA*  
Bradley A Maron, *Boston USA*  
Martin S. Maron, *Boston USA*  
Marco Matucci-Cerinic, *Florence I*  
Luisa Mestroni, *Denver USA*  
James Moon, *London UK*  
Fabio Mori, *Florence I*  
Alessandro Mugelli, *Florence I*  
Iacopo Olivotto, *Florence I*  
Antonis Pantazis, *London UK*  
Paolo Pieragnoli, *Florence I*  
Maurizio Pieroni, *Arezzo I*  
Yigal Pinto, *Amsterdam NE*  
Corrado Poggese, *Florence I*  
Daniele Poggio, *Monza I*  
Silvia Pradella, *Florence I*  
Giovanni Quarta, *Bergamo I*  
Claudio Rapezzi, *Bologna I*  
Giuseppe Ricciardi, *Florence I*  
Angelos Rigopoulos, *Schweinfurt DE*  
Alberto Roghi, *Milan I*  
Alessandra Rossi, *Florence I*  
Peter Schwartz, *Milan I*  
Pierluigi Stefano, *Florence I*  
Jil Tardiff, *Tucson USA*  
Gaetano Thiene, *Padua I*  
Benedetta Tomberli, *Florence I*  
Jolanda Van der Velden, *Amsterdam NL*  
Magdi Yacoub, *London UK*  
Elisabetta Zachara, *Rome I*

## **SYMPOSIUM DESCRIPTION**

This is the Third Florence International Symposium on Advances in Cardiomyopathies.

The three day postgraduate Symposium represents an in depth comprehensive analysis of issues relating to diagnosis, classification, genetic evaluation, risk stratification and contemporary management of different forms of cardiomyopathies, myocarditis and pericardial diseases.

The Symposium will be presented by international experts in the field and preceded by minicourses, addressing practical issues related to the field in an interactive and informal atmosphere.

Accepted abstracts will be exhibited as Posters. Young Investigator Awards and prizes will be presented to the best 3 abstracts, as selected by the Scientific Committee.

The format encourages audience participation and full interaction among participants, as well as integration among clinicians and scientists of all ages.

## **COURSE OBJECTIVES**

- Discuss optimal diagnostic procedures
- Clinical evaluation and follow-up
- Interpretation of genetic studies
- Pathophysiology at organ, cellular and molecular levels
- Prognostic indicators and risk factors
- Causes and management of arrhythmias and sudden death
- Modern management strategies and future directions for research

## **SCIENTIFIC INFORMATION**

Prof. F. Cecchi and Dr. I. Olivotto

## **ORGANIZING SECRETARIAT**



### **MCR Conference Srl**

Via Finlandia, 26 - 50126 Florence, Italy

Ph. 0039 055 4364475

info@cardiomyopathies2015.com

www.mcrconference.it



#MCRCONFERENCE

# SCIENTIFIC PROGRAM

DAY 1 - THURSDAY, OCTOBER 22<sup>nd</sup>

## MINICOURSES

08.30 Registration

### ROOM 1

#### Clinical electrophysiology and perioperative care

09:00 - 11:00 Standard and ambulatory ECG  
*E. Biagini, F. Cecchi, C. Rapezzi*

11:00 - 11:30 Coffee break

11:30 - 13:30 ICD and CRT optimization and control  
*P. Di Donna, P. Pieragnoli, G. Ricciardi*

13:30 - 14:30 Lunch

14:30 - 16:30 Perioperative care for myectomy candidates with HCM  
*D. Poggio, A. Rossi, E. Zachara*

16:30 - 16:45 Coffee break

### ROOM 2

#### Pathology, genetics and basic science

09:00 - 11:00 Pathology  
*C. Basso, G. D'Amati, O. Leone*

11:00 - 11:30 Coffee break

11:30 - 13:30 Genetics  
*F. Girolami, M. Iascone, C. M. Kotta*

13:30 - 14:30 Lunch

14:30 - 15:30 Molecular physiology of the heart made simple  
*C. Ferrantini, J. Van der Velden*

**15:30 - 16:30** Pharmacology: molecular targets and available agents  
*R. Coppini, A. Mugelli*

**16:30 - 16:45** Coffee break

### ROOM 3

#### Clinical evaluation

**09:00 - 11:00** Clinical Profiles  
*B. Bauce, G. Castelli, G. Limongelli, B. Tomberli*

**11:00 - 11:30** Coffee break

**11:30 - 13:30** Multimodality Imaging: ECHO and CMR  
*M. Pieroni, S. Pradella, G. Quarta*

**13:30 - 14:30** Lunch

**14:30 - 16:30** Exercise Echocardiography and Cardiopulmonary test  
*C. Burgisser, F. Mori, A. Pantazis*

**16:30 - 16:45** Coffee break

### ROOM 4

**08:00 - 10:00** Nucleus Meeting of the ESC WG on myocardial and pericardial disease

**10:00 - 10:30** Coffee break

**10:30 - 16:30** Meeting of WG Task Force on Myocarditis in systemic autoimmune disease Position Paper

## PLENARY ROOM

- 16:45 - 20:00**    **SESSION 1**  
**Inaugural Session**  
*Chairmen: R. Bonow, F. Cecchi*
- 16:45 - 17:00**    Official opening: welcome by Scientific Directors and by the ESC Myocardial and Pericardial Disease WG Chair (A. Caforio)
- 17:00 - 17:25**    Filling the evidence gap in Cardiomyopathies: classification and guidelines  
*P. Elliott*
- 17:25 - 17:50**    Clinical evaluation, geno +/-pheno - and the issue of overdiagnosis  
*C. Y. Ho*
- 17:50 - 18:15**    Impact of Next Generation Sequencing revolution on clinical practice  
*P. Charron*
- 18:15 - 18:40**    Role of multi-modality imaging approach  
*L. Badano*
- 18:40 - 19:05**    The dawn of evidence-based, disease-specific treatment  
*I. Olivetto*
- 19:05 - 19:30**    **KEYNOTE LECTURE**  
**The Burden of Neglected Diseases**  
*R. Bonow*
- 19:30 - 20:00**    **KEYNOTE LECTURE**  
**The Heart in Leonardo da Vinci**  
*G. Thiene*
- 20:00**            Welcome cocktail



## DAY 2 - FRIDAY, OCTOBER 23<sup>rd</sup>

### PLENARY ROOM

- 08:30 – 10:40**    **SESSION 2**  
**Dissecting sarcomere function and dysfunction**  
**(joint meeting with the Biophysical Society)**  
*Chairmen: L. Carrier, C. Poggesi*
- 08:30 - 08:55**    How the cardiomyocyte works  
*C. Poggesi*
- 08:55 - 09:20**    Contractile dysfunction  
*J. Tardiff*
- 09:20 - 09:45**    Energetic considerations  
*J. Van Der Velden*
- 09:45 - 10:10**    Targets for intervention  
*L. Carrier*
- 10:10 - 10:25**    *Selected abstract*
- 10:25 - 10:40**    *Selected abstract*

### PARALLEL SESSION

- 08:30 - 10:40**    **CONCURRENT SESSION 2**  
**Dilated cardiomyopathy: what's new in the**  
**WG Position statement?**  
*Chairmen: P. Garcia Pavia, A. Rigopoulos*
- 08:30 - 08:55**    New definition and clinical implications  
*Y. Pinto*
- 08:55 - 09:20**    Diagnostic work-up  
*A. Linhart*
- 09:20 - 09:45**    Aetiology based management for familial/genetic DCM  
*P. Charron*
- 09:45 - 10:10**    Aetiology-based management for inflammatory DCM  
*A. Caforio*
- 10:10 - 10:25**    *Selected abstract*
- 10:25 - 10:40**    *Selected abstract*
- 10:40 - 11:10**    Coffee break

## PLENARY ROOM

- 11:10 - 13:05**    **SESSION 3**  
**CMR use and misuse: from form and function to tissue characterization, perfusion and metabolism**  
*Chairmen: P. G. Camici, A. Roghi*
- 11:10 - 11:35**    Adherence to Pathological substrates  
*C. Basso*
- 11:35 - 12:00**    T1 Mapping and perfusion  
*J. Moon*
- 12:00 - 12:25**    Tissue characterization and metabolism  
*J. Bogaert*
- 12:25 - 12:40**    *Selected abstract*
- 12:40 - 12:55**    *Selected abstract*
- 12:55 - 13:05**    What next:  
*A. Roghi*

## PARALLEL SESSION

- 11:10 - 13:05**    **CONCURRENT SESSION 3**  
**The challenge of myocarditis**  
*Chairmen: A. Caforio, K. Klingel*
- 11:10 - 11:35**    Clinical presentation and diagnosis: the 2013 Task Force criteria revisited  
*A. Caforio*
- 11:35 - 12:00**    Role of viruses: from molecular diagnosis to clinical implications  
*K. Klingel*
- 12:00 - 12:25**    Myocardial involvement in systemic autoimmune diseases  
*M. Matucci-Cerinic*
- 12:25 - 12:50**    Immunosuppression in myocarditis: the clinical immunologist's point of view  
*R. Marcolongo*
- 12.50 - 13.05**    What next:  
*U. Eriksson*
- 13:05 - 14:30**    Lunch

## PLENARY ROOM

- 14:30 - 19:00**    **SESSION 4**  
**Hypertrophic cardiomyopathy: new tools for Risk stratification and Sudden Death prevention**  
*Chairmen: M. Arad, A. Linhart*
- 14:30 - 14:55**    Individual risk assessment in clinical practice  
*F. Cecchi*
- 14:55 - 15:20**    Which role for genetic testing?  
*P. Elliott*
- 15:20 - 15:45**    The added value of CMR in risk stratification  
*M. S. Maron*
- 15:45 - 16:10**    ICD, S-ICD, CRT and CRT-D: choosing the right device and minimizing complications  
*M. G. Bongiorni*
- 16:10 - 16:35**    Role of pharmacological treatment and additional interventions  
*C. Rapezzi*
- 16:35 - 16:45**    What next:  
*A. Linhart*
- 16:45 - 17:05**    Coffee break
- 17:05 - 17:30**    Lifestyle and sport with and without ICD for cardiomyopathy patients  
*A. Anastasakis*
- 17:30 - 17:45**    *Selected abstract*
- 17:45 - 18:00**    *Selected abstract*
- 18:00 - 19:00**    **KEYNOTE LECTURE**  
**How modifier genes and SNP may explain different clinical presentation and outcome:**
- In Long QT syndrome**  
*P. Schwartz*
- In Cardiomyopathies**  
*L. Mestroni*

## DAY 3 - SATURDAY, OCTOBER 24<sup>th</sup>

### PLENARY ROOM

- 08:30 – 09:55**    **SESSION 5**  
**The 2015 pericardial guidelines: an overview**  
*Chairmen: Y. Adler, P. Charron*
- 08:30 - 08:55**    Clinical and diagnostic work-up  
*L. Badano*
- 08:55 - 09:20**    Aetiological and molecular diagnosis  
*K. Klingel*
- 09:20 - 09:45**    Evidence-based medical therapy  
*M. Imazio*
- 09:45 - 09:55**    *What next:*  
*Y. Adler*
- 09:55 - 10:10**    **Young Investigator Awards**
- 10:10 - 10:30**    Coffee break
- 10:30 - 12:50**    **SESSION 6**  
**Cardiac surgery and management of advanced heart failure**  
*Chairmen: M. Frigerio, P. Stefano*
- 10:30 - 10:55**    Extended myectomy, mitral apparatus remodeling for HOCM and midventricular obstruction; why, when and how  
*P. Ferrazzi*
- 10:55 - 11:20**    Assessment and management of pulmonary hypertension in cardiomyopathies  
*B. A Maron*
- 11:20 - 11:45**    Medical treatment, cardiac surgery, mitral clip and ventricular assist devices for DCM  
*M. Frigerio*
- 11:45 - 12:10**    Indications and efficacy of atrial fibrillation ablation and CRT in patients with Dilated and Hypertrophic Cardiomyopathy  
*M. G. Bongiorno*
- 12:10 - 12:35**    From cardiac transplant to regenerative medicine: a look at the future  
*M. Yacoub*
- 12:35 - 12:55**    **KEYNOTE LECTURE**  
**HCM then and now: how 50 years of clinical research have shaped it into a treatable disease**  
*B. J. Maron*
- 12:55 - 13:05**    Conclusion and final remarks

# GENERAL INFORMATION

## CONGRESS VENUE

Convitto della Calza  
Piazza della Calza, 6  
50125 Florence, Italy  
[www.calza.it](http://www.calza.it)

A location that is unique for its fascination, atmosphere, art and history. The ancient 14th-century Hospital dedicated to Saint John the Baptist is located in the heart of the city. It is a combination of a 16th-century cloister and halls frescoed with masterpieces such as Francibigio's Last Supper, with very modern meeting rooms.



## ARRIVING BY PLANE

The international airport "Amerigo Vespucci" is located in the north-west suburban area of Florence, only 6 km from the city center. There are frequent direct flights to all the most important European cities as well as convenient intercontinental connections.

The city center can be easily reached:

- by taxi
- with the Ataf/ Sita "Vola in Bus" shuttle service (approx. 15/ 20 minutes), connecting the airport to the main train station of Santa Maria Novella. From the station, you can take a taxi or one of the following ATAF buses: 36 (to Mulino Nuovo) or 37 (to Galluzzo/Tavarnuzze) and get off in Piazza Della Calza.

## For any other info:

Florence Airport Company:

Ph. +39.055.3061300 / +39.055.30615 - [www.aeroporto.firenze.it/en](http://www.aeroporto.firenze.it/en)

Taxi Companies: Ph. +39.055.4242 - +39.055.4390

## ARRIVING BY TRAIN

The main train station of Santa Maria Novella (an interchange point of Florence public transportation) is located just a few steps (5 minutes walk) from the historical center of Florence. The new high speed trains connect the central station to several European cities, as well as all the major Italian cities such as Milan, Naples, Rome, Venice etc.

From Santa Maria Novella train station you can take a taxi or one of the following ATAF buses: 36 (to Mulino Nuovo) or 37 (to Galluzzo/Tavarnuzze) and get off in Piazza Della Calza.

## For any other info

Trenitalia: [www.trenitalia.com](http://www.trenitalia.com)

Italo: [www.italotreno.it](http://www.italotreno.it)

## ARRIVING BY CAR

Florence is well connected to the main Italian cities through an efficient highway network, which allows an easy access to the city center.

From the A1 Highway Autostrada del Sole you can exit at “Firenze Impruneta” and follow the sign “Centro/Piazzale di Porta Romana”, pass through the ancient gate and you will arrive in Piazza della Calza. Next to the congress venue there is a car parking.



## **CONFERENCE LANGUAGE**

English is the official language

## **REGISTRATION**

The registration form is available on the website:

[WWW.CARDIOMYOPATHIES2015.COM](http://WWW.CARDIOMYOPATHIES2015.COM)

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

## **CALL FOR ABSTRACT**

Scientific contributions can be submitted online through the website:

[WWW.CARDIOMYOPATHIES2015.COM](http://WWW.CARDIOMYOPATHIES2015.COM)

Accepted abstract will be exhibited as poster or selected for oral presentation upon scientific committee judgement.

Authors are kindly requested to respect the following instruction:

- Text must be no more than 2.000 characters (Arial font, size 11)
- The title should be typed in capital letters
- Author's names should contain first initials and full last names
- The abstract should contain purposes, methods, results and conclusions
- All details of the corresponding Author should be clearly indicated: name, address, telephone, fax and e-mail for further correspondence

**DEADLINE FOR ABSTRACT SUBMISSION IS JUNE 15<sup>th</sup> 2015**

Acceptance together with technical details for poster presentation will be notified to the submitting Author's by **July 30<sup>th</sup> 2015**.

Registration in the symposium is mandatory for the submission of the scientific contribution.

## **POSTERS**

Posters will be on display during the whole period of scientific session.

Young Investigators Awards and prize will be delivered to the best 3 abstracts presented.

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