INTERNATIONAL CONGRESS OF CARDIOLOGY:
FROM SCIENTIFIC RESEARCH TO CLINICAL PRACTICE

January 19\textsuperscript{th} - 21\textsuperscript{th} 2017

Organized by the
Department of Science for Promoting Health (PROSAMi)
Chair and post-graduate School of Cardiovascular Disease
School of Medicine, University of Palermo, Italy

President: Prof. Salvatore Novo
Director of Division of Cardiology, University Hospital “P. Giaccone”,
Palermo, Italy

Complesso Monumentale Chiaramonte “Steri”
Sala dei Baroni e Sala delle Capriate
Palermo (Italy)
Dear Friends and Colleagues,

Cardiovascular Disease remain the leading cause of morbidity and mortality in developed and developing countries although tremendous progress has been reached in the last years concerning the prevention, the understanding of pathophysiology, the diagnostic methods, noninvasive and invasive therapy.

This “International Congress of Cardiology: from Scientific Research to Clinical Practice” aim to discuss with an excellent Faculty of national and international scientists from different European countries as well as from USA and Asia, modern aspects in pathophysiology, diagnosis and treatment of different cardiovascular diseases: relevant aspects concerning molecular alterations of troponin in Cardiomyopathies and the progress of high resolution MRI for the diagnosis of this pathology; the continuum from ventricular dysfunction to Heart Failure, the relation with sleep disorders and the new ESC guidelines on Heart Failure.

The ESC Guidelines 2016 on Atrial Fibrillation will be discussed analyzing the new pathogenic hypothesis on atrial fibrillation, the pro and contra of cardioversion versus ablation to restore sinus rhythm and the relevant role of new oral anticoagulant in preventing systemic embolism and stroke.

The added contribution of strain in echocardiography in different form of cardiopathy (cardiomyopathy, Valvulopathies, dilated cardiomyopathy, arrhythmias) will be discussed.

Cardio-oncology is a new branch of cardiology deriving from the close cooperation of cardiologist and oncologist in the study of cardiac and vascular complication of new anticancer drugs in this pathology second only to cardiovascular disease for morbidity and mortality. New drugs to treat cancer often determine a cardiac damage and only the use of biomarkers and imaging technique, in particular global longitudinal strain reduction and cardiac MRI, may consent a precocious diagnosis of heart failure and vascular damage to start a preventive therapy as evidenced in the 2016 Position Paper of the ESC on Cardio-Oncology.

Finally will be discussed the relationship between Cardiometabolic risk and Cardio-vascular events also considering the new Guidelines ESC 2016 in Cardiovascular Prevention.

We hope that the Congress will consent an interesting change of ideas and an interactive discussion with Italian cardiologists and, of course, we believe that outside from congress works, all participants may enjoy to visit Palermo, one of the Mediterranean town richer in culture and different historical sites.

Yours sincerely.

Salvatore Novo
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<td>Tocchetti Carlo Gabriele</td>
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<td>Voigt Jens Uwe</td>
<td>Leuven, Belgium</td>
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Thursday, January 19th, 2017

14.00|15.00
Registration of participants

15.00|15.15
Welcome address

S. Novo (PALERMO, ITALY)

15.15|16.15
Greetings from the Authorities

Rector Magnificus

F. Micari (PALERMO, ITALY)

General Manager. University Hospital “Paolo Giaccone”

R. Li Donni (PALERMO, ITALY)

Dean of the School of Medicine

F. Vitale (PALERMO, ITALY)

16.15|17.00
Opening Lecture

The system of high education in Italy and the role of the University of Palermo in the 210th anniversary of its foundation

F. Micari (PALERMO, ITALY)

17.00|17.45
Lecture

Translation Research in Cardiology

E. Shlyakhto (ST. PETERSBURG, RUSSIA)

17.45|18.30
Lecture

The history of Chiaramonte “Steri” Building

G. Fiume (PALERMO, ITALY)

Welcome cocktail
08.30|10.30  
**SESSION I**  
New insights in Cardiomyopathies  
Chairpersons: A. Di Lenarda (Trieste, Italy), M. Midiri (Palermo, Italy), P. Marino (Novara, Italy)

- Cardiac Troponin Structure-Function and the Influence of Hypertrophic Cardiomyopathy: Associated Mutations on Modulation of Contractility  
  TBD
- The diagnostic approach to the infiltrative cardiomyopathies  
  P. Elliott (London, UK)
- Cardiopulmonary exercise testing in hypertrophic cardiomyopathy  
  D. Magri (Rome, Italy)
- High Spatial Resolution Cardiovascular Magnetic Resonance in Patients with Hypertrophic Cardiomyopathy  
  M. Midiri (Palermo, Italy)

10.30|10.45  
Coffee break

10.45|13.45  
**SESSION II**  
Advances in Heart Failure  
Chairpersons: F. Arrigo (Messina, Italy), P. Elliott (London, UK), P. Perrone Filardi (Naples, Italy)

- From Left Ventricular Hypertrophy to Dysfunction and Failure  
  P. G. Camici (Milan, Italy)
- Diagnostic and prognostic role of galectin-3 in Cardiovascular Disease  
  M. Ciaccio (Palermo, Italy)
- Heart failure and sleep disorders  
  G. Parati (Milan, Italy)
- The European Guidelines 2016 on Acute and Chronic Heart Failure  
  M. Metra (Brescia, Italy)

13.45|14.45  
Light lunch
14.45|16.45

**SESSION III**
Atrial fibrillation: know how

**Chairpersons:** M. Di Biase (Foggia, Italy), L. Padeletti (Milan, Italy), A. Pinto (Palermo, Italy)

- Atrial fibrillation with wide QRS: Ectopy or pre-exitation with aberrant conduction? G. Oreto (Messina, Italy)
- Oral anticoagulant therapy: when, which? R. De Caterina (Chieti, Italy)
- Cardioversion or Ablation of atrial fibrillation: state-of-the-art and future perspectives A. Capucci (Ancona, Italy)
- ESC Guidelines 2016 on Atrial Fibrillation S. Careri (Messina, Italy)

16.45|17.00

Coffee break

17.00|19.30

**SESSION IV**
The added value of strain in echocardiography

**Chairpersons:** J. U. Voigt (Leuven, Belgium), F. Fedele (Rome, Italy), M. Penco (Rome, Italy)

**Lecture:** inter-vendor variability of strain measurements and the joint efforts of EACVI, ASE and Industry to standardize strain imaging
J. U. Voigt (Leuven, Belgium)

- Cardiomyopathies C. de Gregorio (Messina, Italy)
- Valvulopathies E. Agricola (Milan, Italy)
- Ventricular arrhythmias K. Hermann Haugaa (Oslo, Norway)

**Lecture:** Clinical use of multimodality imaging in the assessment of dilated cardiomyopathy F. J. Pinto (Lisboa, Portugal)

**Chairperson:** S. Novo (Palermo, Italy)

20.00

Dinner
Saturday, January 21st, 2017

**SESSION V**
Diagnosis of cardiac toxicity due to antineoplastic drugs

**Chairpersons:** G. Mercuro (Cagliari, Italy), J. C. Plana (Houston, Tx, USA), A. Russo (Palermo, Italy)

- Biomarkers G. Novo (Palermo, Italy)
- Vascular damage C. Zito (Messina, Italy)
- Multimodality Imaging approach M. Galderisi (Naples, Italy)
- European Position Paper on Cardio-Oncology C. G. Tocchetti (Naples, Italy)

**10.30|10.45** Coffee break

**SESSION VI**
Cardiometabolic risk and Cardio-vascular events

**Chairpersons:** R. Bugiardini (Bologna, Italy), G. Licata (Palermo, Italy), M. Mariani (Pisa, Italy)

- European Guidelines on Cardiovascular Prevention 2016 S. Novo (Palermo, Italy)
- Familial hypercholesterolemia: gaining decades of life by optimizing detection and treatment E. Manzato (Padua, Italy)
- LOX-1, oxidant stress, mtDNA damage, autophagy, and immune response in atherosclerosis F. Romeo (Rome, Italy)
- Cardiometabolic Risks, Obesity and Hypertension C. Borghi (Bologna, Italy)
- Unfavorable inflammatory profile in adults at risk of type 2 diabetes identified by hemoglobin A1c levels according to the American Diabetes Association criteria F. Perticone (Catanzaro, Italy)

**13.45|14.00** Closing Remarks

**14.00|15.00** Light lunch
Meeting Venue  COMPLESSO CHIARAMONTE “STERI”
The Venue of the Meeting will be
Aula Magna dei Baroni (2nd floor) & Aula Capriate (3rd floor).
Enterance from Piazza Marina 61.

Secretariat during the Meeting  The Secretariat will be open at the following times:
- Thursday, 19th, 2017, from 14.00hrs to 20.00hrs
- Friday, 20th, 2017, from 07.30hrs to 19.00hrs
- Saturday, 21th, 2017, from 07.30hrs to 14.00hrs

Official language  The official language of the Meeting will be English.

Interpretation Service  Our Conference interpreters will provide simultaneous interpretation services throughout the Congress.

ECM  The Congress has been granted for the CME accreditation by Italy Ministry of Health (E.C.M.) for Italian Cardiologists, Geriatricians, General Practitioners, Diabetologists, Internists, Radiologists, Pharmacists: 7,00 CME points.

Registration  The Meeting is free to attend. Please confirm the participation to the Organizing Secretariat (Collage S.p.A. – by e-mail: giusy.ventura@collage-spa.it within January 2nd, 2017.

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, 19th, 2017, from 14.00hrs to 20.00hrs
- Friday, 20th, 2017, from 07.30hrs to 19.00hrs
- Saturday, 21th, 2017, from 07.30hrs to 14.00hrs

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

Abstracts book  Participants will receive the Abstract book at the Meeting.