

SICCH BASIC AND TRANSLATIONAL MEETINGS

Translational Cardiovascular Medicine: Third Italian Meeting on Cardiovascular Surgery

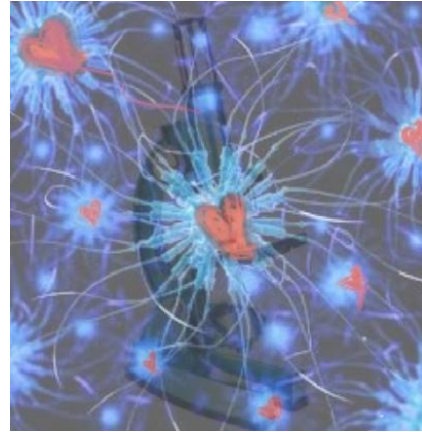
Milano, Centro Cardiologico Monzino IRCCS, Venerdì 24 maggio 2013

9.30 Welcome address

Lorenzo Menicanti President, Italian Society of Cardiac Surgery

9.40 Meeting introduction

Alessandro Parolari, Scientific Secretary, Italian Society of Cardiac Surgery



Session 1. The long way from research laboratories to the OR: where are we now?

Moderators: Lorenzo Menicanti (Milano), Elena Tremoli (Milano)

9.50 Regenerative medicine for cardiovascular diseases: still stuck in the lab or ready for prime time?

Giulio Pompilio (Milano)

10.05 Cardiac blood dynamics: what could they tell to surgeons?

Gianni Pedrizzetti (Trieste)

10.20 Proteomics in cardiovascular diseases: challenges and future opportunities.

Cristina Banfi (Milano)

10.35 The burden of cardiovascular diseases: genetics, lifestyle....or what?

Daniela Marchetti (Bergamo)

10.50 Discussion

11.05 Coffee break

Session 2. Valve disease.

Moderators: Claudio Grossi (Cuneo), Francesco Musumeci (Roma)

11.30 Biomechanical features of aortic valve repair techniques.

Carlo Antona (Milano)

11.45 Degeneration of biological prostheses: risk factors and possible ways of prevention.

Roberto Lorusso (Brescia)

12.00 Mitral valve repair in 2050: bioengineering and technical perspectives.

Francesco Maisano (Milano)

12.15 Discussion

Main lecture.

12.30 Endovascular repair of thoracic aortic aneurysms: to branch or not to branch, this is the question.

Martin Czerny (Berne)

13.00 Lunch

Session 3. Diseases of the aorta.

Moderators: Gianpiero Esposito (Bergamo), Gabriele Iannelli (Napoli)

14.30 Established and emerging biomarkers in thoracic aortic diseases: where are we now, where are we headed to.

Alessandro Parolari (Milano)

14.45 Molecular and biomechanical mechanisms underlying the aortopathy in bicuspid aortic valve disease.

Alessandro Della Corte (Napoli)

15.00 Cerebral metabolism and function in aortic arch surgery: many ways lead to Rome.

Davide Pacini (Milano)

15.15 Discussion

15.40 Coffee Break

Session 4. Cardiovascular devices

Moderators: Luigi Martinelli (Milano), Antonio Panza (Salerno)

16.00 How to improve biocompatibility of cardiopulmonary bypass: is the only way to avoid the pump?

Domenico Paparella (Bari)

16.15 New biomaterials and scaffolds for tissue repair in cardiovascular surgery.

Massimo Chello (Roma)

16.30 Future developments of VADs and TAH towards improved biocompatibility and reduced impact for the patient

Gino Gerosa (Padova)

16.45 Discussion

17.00 Conclusions