

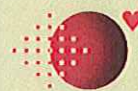


UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

Centro Di Ricerche Farmacologiche per la  
prevenzione e la Cura delle Malattie Cardiovascolari



SOCIETÀ ITALIANA FARMACOLOGIA



Centro Cardiologico  
Monzino

## V CONVEGNO MONOTEMATICO DELLA SIF

### ATEROTROMBOSI: DALLA RICERCA DI BASE ALLA CLINICA



MILANO 3-4 NOVEMBRE 2011

con il patrocinio di:



Fondazione Italiana per il cuore

#### Comitato Scientifico:

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Maria Pia Abbracchio - Damiano Baldassarre - Cristina Banfi - Franco Bernini - Liberato Berrino -  
Laura Calabresi - Marina Camera - Giorgio Cantelli Forti - Alberico L. Catapano - Susanna Colli - Gualtiero  
Colombo - Salvatore Cuzzocrea - Giovanni De Gaetano - Giovanni Di Minno - Cesare Fiorentini - Paolo  
Golino - Luciana Mussoni - Francesco Rossi - Luigi Sironi - Fabrizio Veglia

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**Centro Cardiologico Monzino, - IRCCS Via G. Parea, 4 - 20138 - Milano AULA MAGNA**

## **PROGRAMMA**

### **3 NOVEMBRE 2011**

13.40 **Welcome of the Italian Society of Pharmacology** - *Pier Luigi Canonico*  
**Introduction** - *Cesare Fiorentini, Elena Tremoli*

14.00 **Lecture**  
*Chairmen - Francesco Rossi, Luciana Mussoni*  
**Antithrombotic drugs** - *Giovanni Di Minno, Università Federico II di Napoli*

**Imaging for the assessment of cardiovascular risk**  
*Chairmen - Damiano Baldassarre, Fabrizio Veglia*

15.00 Magnetic Resonance Imaging of unstable atherosclerotic plaques in the brachiocephalic artery of apoE<sup>-/-</sup> mice - *M. Busnelli*

15.13 Clinical usefulness of Carotid IMT progression: lessons from the IMPROVE Study - *D. Baldassarre*

15.26 Tobacco smoke and atherosclerosis: gender specific differences - *F. Bovis*

15.39 Light or regular cigarettes consumption: effect on endothelial function - *B. Frigerio*

15.52 The count of family histories of vascular diseases is an independent determinant of subclinical atherosclerosis - *M. Amato*

16.05 Familial aggregation of carotid artery intima media thickness: a three-generation study - *D. Sansaro*

16.18 Circulating inflammatory biomarkers that may predict the patency of coronary artery bypass graft  
*F. Saporiti*

16.31 Correlation of human carotid plaque composition between histology and multidetector computed tomography (MDCT) - *L. Facchinetti*

**Atherosclerosis and Inflammation**  
*Chairmen: Gualtiero Colombo, Franco Bernini*

16.43 Human monocyte-derived macrophages consist of two principal morphotypes with distinct functional properties - *M. Crisci*

16.56 Cyclophilin A: a novel therapeutic target for atherosclerosis - *P. Nigro*

17.09 Cigarette smoke extract impairs human monocytes migration and modulate the expression of pro-inflammatory genes involved in the atherosclerotic process - *I. Giunzioni*

17.22 Human monocyte-derived macrophages spontaneously differentiated "in vitro" show distinct proteomic profiles - *S. Eligini*

17.35 Proprotein convertase subtilisin kexin type 9 (PCSK9) secreted by cultured smooth muscle cells reduces macrophages LDLR levels - *N. Ferri*

17.48 Dendritic cell and coronary vascular smooth muscle cell interactions - *C. Musilli*

18.01 Polymorphonuclear neutrophil accumulation in carotid arteries of normocholesterolemic rabbits: effect of nitric oxide-releasing statins - *R. Baetta*

18.14 Local and systemic up-regulated expression of the long pentraxin PTX3 in giant cell arteritis and its optic ischemic complications - *GA Ramirez*



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**4 NOVEMBRE 2011**

**9.00 Lecture**

Chairmen – *Alberto Corsini, Maria Pia Abbracchio*

**Genetics of cardiovascular disease** - Giovanni De Gaetano, Università Cattolica di Campobasso

**Experimental models of ischemia**

Chairmen - *Luigi Sironi, Liberato Berrino*

- 10.00 Palmitoylethanolamide reduces renal dysfunction and injury caused by experimental ischemia and reperfusion – *E. Esposito*
- 10.13 Protective effects of Apocynin, an inhibitor of NADPH oxidase activity, in splanchnic artery occlusion and reperfusion - *D. Impellizzeri*
- 10.26 Gene expression profiling in endothelial cells stimulated with plasma obtained from the coronary circulation of patients with acute coronary syndromes – *S. Costantino*
- 10.39 A comprehensive characterization of normal murine left atrium: anatomy, histology and high frame rate echocardiographic study – *L. Castiglioni*
- 10.52 Tissue iron accumulation is strictly involved in vascular events occurring in SHRSP. – *P. Gelosa*
- 11.05 GPR17, a new receptor involved in the evolution and remodelling of brain's ischemic lesions – *L. Sironi*
- 11.18 Coffee break

**New pharmacological aspects in the control of cardiovascular disease**

Chairmen: *Mauro Amato, Laura Calabresi*

- 11.30 Characterization of epigenetic hybrid drugs: a new frontier against heart disease – *F. Spallotta*
- 11.43 Histone Deacetylase inhibition enhances self renewal and cardioprotection by human cord blood-derived CD34+ cells – *I. Burba*
- 11.56 Antioxidant evaluation of plant-derived compounds in cardiovascular pH – *R. Bertin*
- 12.09 Molecular and metabolic effects induced by a chronic nitric oxide deprivation in human endothelial cells  
*M. Cattaneo*
- 12.22 NO donors and antioxidant hybrids as a new approach in atheroprevention. In vitro effects on smooth muscle cell proliferation – *L. Arnaboldi*
- 12.35 Genistein aglycone a nutraceutical approach to metabolic syndrome: preliminary results from a randomized clinical trial in postmenopausal women – *A. Bitto*
- 12.48 The secretome of endothelial cell: a tool for the study of the pleiotropic effects of statins – *M. Brioschi*
- 13.01 Pentraxin-3, identified in the endothelial secretome, is a novel target of the lipid-lowering Hmg-CoA reductase inhibitors – *S. Lento*
- 13.14 Lunch



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**4 NOVEMBRE 2011**

**New insights in the development of platelet activation**

Chairmen: *Marina Camera, Salvatore Cuzzocrea*

- 14.30 Prospective evaluation of platelet activation markers in patients treated with Drug-Eluting Stents: platelet-associated Tissue Factor predicts the risk of future revascularization – *P. Canzano*
- 14.43 Iperactivation of haemostatic system in cyclooxygenase-2 knockout mice (COX-2KO). – *S. Gianellini*
- 14.56 Physiopathological aspect of cyclooxygenase-2 deletion (COX-2): focus on platelets – *S. Barbieri*
- 15.09 Stability of urinary enzymatic thromboxane A2 metabolites and non-enzymatic arachidonic acid metabolites in humans over relatively long time intervals – *N. Lobo*
- 15.22 Aspirin-insensitive thromboxane biosynthesis in essential thrombocythemia: effect of different aspirin doses, formulations and dosing regimens – *F. Pagliaccia*
- 15.35 Tobacco smoke regulates the expression and activity of microsomal prostaglandin e synthase-1: role of prostacyclin and NADPH-oxidase – *P. Amadio*
- 15.48 The L-Arginine/Nitric Oxide Metabolic Pathway In Coronary Artery Diseases – *I. Squellerio*
- 16.01 Follow-up of acute coronary syndrome: the role of chronic kidney disease and methylarginines  
*B. Porro*
- 16.14 Association study between BDNF Val66Met polymorphism and coronary artery disease – *G. Stirparo*
- 16.27 Platelet gene expression signatures in patients with acute coronary syndrome and chronic renal failure  
*L. Piacentini*
  
- 16.40 End of the meeting