



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II

International Symposium on: **HYDROGEN SULPHIDE AND NITRIC OXIDE IN HEALTH AND DISEASE**

Naples (Italy), May 15-17, 2014

Organized by
DEPARTMENT OF PHARMACY - FEDERICO II UNIVERSITY OF NAPLES

Promoted by



FONDAZIONE
INTERNAZIONALE
MENARINI

Thursday, May 15th, 2014 - Afternoon

06.00 - 06.15 p.m. **G. Cirino** (Naples, I), **M. Marrelli** (Rettore dell'Università degli Studi di Napoli Federico II), **F. Rossi** (Presidente della Società Italiana di Farmacologia)

Welcome addresses

06.15 - 06.45 p.m. **L.J. Ignarro** (Los Angeles, USA)
Gasotransmitters: Past, Present and Future
06.45 p.m. *Welcome reception*

Friday, May 16th, 2014 - Morning

Chairman: **D. Vinereanu** (Bucharest, RO)
09.00 - 09.30 a.m. **W.C. Sessa** (New Haven, USA)
Endothelial NOS regulation and its role in cardiovascular diseases
09.30 - 09.45 a.m. *Discussion*
09.45 - 10.15 a.m. **T. Goodchild** (New Orleans, USA)
Vascular protective actions of nitrite in cardiovascular diseases
10.15 - 10.30 a.m. *Discussion*
10.30 - 11.00 a.m. **G. Di Minno**
Federico II University of Naples - Naples (Italy)
Hyperhomocystenemia and cardiovascular risk: a role for hydrogen sulfide?
11.00 - 11.15 a.m. *Discussion*
11.15 - 11.30 a.m. *Coffee Break*
11.30 - 12.00 p.m. **A. Papapetropoulos** (Athens, GR)
Soluble guanylyl cyclase as a therapeutic target
12.00 - 12.15 p.m. *Discussion*
12.15 - 12.45 p.m. **A. Ahluwalia** (London, UK)
Clinical translation of nitrite and nitrate-based therapeutics in cardiovascular disease
12.45 - 01.00 p.m. *Discussion*
01.00 - 02.30 p.m. *Lunch*

Friday, May 16th, 2014 - Afternoon

02.30 - 03.00 p.m. **H. Kimura** (Tokyo, J)
Physiological role of hydrogen sulfide and polysulfides

03.00 - 03.15 p.m. *Discussion*
03.15 - 03.45 p.m. **R. Banerjee** (Ann Arbor, USA)
Enzymology of H₂S homeostasis
03.45 - 04.00 p.m. *Discussion*
04.00 - 04.30 p.m. **M. Bucci** (Naples, I)
H₂S donors and sulphydrylated ACE inhibitors: role in cardiovascular diseases
04.30 - 04.45 p.m. *Discussion*
04.45 - 05.00 p.m. *Coffee Break*
05.00 - 05.30 p.m. **C. Szabo** (Galveston, USA)
Role of H₂S in angiogenesis
05.30 - 05.45 p.m. *Discussion*
05.45 - 06.15 p.m. **D.J. Lefer** (New Orleans, USA)
Cardioprotective effects of hydrogen sulfide in heart failure
06.15 - 06.30 p.m. *Discussion*

Saturday, May 17th, 2014 - Morning

09.00 - 09.30 a.m. **J.L. Wallace** (Toronto, CDN)
Novel H₂S-Based Anti-Inflammatory Drugs
09.30 - 09.45 a.m. *Discussion*
09.45 - 10.15 a.m. **J. A. Mitchell** (London, UK)
Future potential for drugs that access the NO/cGMP axis to treat pulmonary hypertension
10.15 - 10.30 a.m. *Discussion*
10.30 - 11.00 a.m. **B. Trimarco** (Naples, I)
Guido Iaccarino (Salerno, I)
Beta blockers and gaseous mediators: a clinical view
11.00 - 11.15 a.m. *Discussion*
11.15 - 11.45 A.m. **A. Cicero** (Bologna, I)
ACE-inhibitors and gaseous mediators: a clinical view
11.45 - 12.00 a.m. *Discussion*
12.45 p.m. *Conclusive remarks*
01.00 p.m. *Buffet lunch*

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Università degli Studi di Napoli Federico II
SIF - Società Italiana di Farmacologia
ESS - European Shock Society
EPHAR - Federation of European Pharmacological Societies



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Chair of the Meeting

Giuseppe Cirino
Department of Pharmacy - Federico II University of Naples - Naples (Italy)

Scientific Secretariat

Giuseppe Cirino
Department of Pharmacy - Federico II University of Naples - Naples (Italy)

Organizing Secretariat - Provider

AVEC S.r.l. - Incentive Paintings - Angela Volpe / Claudia Cislighi
Via Lavoratori Autobianchi, 1
c/o Polo Tecnologico Brianza - Edificio 9 - Ufficio 14
I-20832 Desio (MB), Italy
Phone: +39 0362 581579 - Fax: +39 0362 544211
E-mail: angela.volpe@avec-eventi.com / claudia.cislighi@avec-eventi.com

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Fondazione Internazionale Menarini

Palazzo L - Strada 6 - Centro Direzionale Milanofiori - 20089 Rozzano (Milan, I)
Phone: +39 02 55308110 - Fax: +39 02 55305739
E-mail: milan@fondazione-menarini.it [Http://www.fondazione-menarini.it](http://www.fondazione-menarini.it)