

Advances in Heme oxygenases and oxidative stress
Villa San Saverio, Catania, Italy,
April 12th-13th, 2012



April 12th, 2012

16.00 Registration

17.00 *Opening Remarks*: Aula Magna, Palazzo Centrale, Università di Catania

Prof. A. Vanella- Organizing Committee President

Prof. A. Recca- Rector University of Catania

Prof. G. Ronsisvalle- Dean Faculty of Pharmacy, University of Catania

Inaugural lecture

17.30-18.30- *Nader Abraham and A. Kappas* -Heme oxygenase: discovery and clinical significance in diabetes and cardiovascular disease - *University of Toledo OH, USA ; Rockefeller University-USA*

April 13th, 2012

Villa San Saverio, via Valdisavoia, 9, Catania, Italy.

Chairmen: M. Schwartzman, A. Gullo

9.00-9.20 **R. Smidth** -Update on volatile anesthetic induced HO-1- University of Freiburg, Germany

9.20-9.40 **M. Parola** -Reactive oxygen species as critical mediators of oriented migration of profibrogenic liver cells-University of Turin, Italy

9.40-10.00 **F. Salamone** - Clinical significance of antioxidants in nonalcoholic fatty liver disease - University of Catania, Italy

10.00-10.20 **M. Vinciguerra** – Longevity signaling pathways and oxidative stress in cardiometabolic diseases- The Institute of Hepatology The Foundation for Liver Research, London, United Kingdom

10.20-10.40 **Discussion**

10.40-11.10 **Coffee Break**

Chairmen: (F. Palmieri, R. Ientile)

11.10-11.30 **G. Li Volti** – Oxidative Stress and cardiac arrest-University of Catania, Italy

11.30-11.50 **R. Motterlini** -The heme oxygenase-1/CO pathway: an emerging target for drug discovery- INSERM, University of Paris, France

11.50-12.10 **D. Sacerdoti** -Endothelial dysfunction of cirrhotic portal hypertension: a role for HO/CO?-University of Padua, Italy

12.10-12.30 **M. Li** HO-1 enhances the expression of pAKT on the pancreas and kidney of db/db mice after intra bone marrow-bone marrow transplantation- Kansai Medical University, Osaka, Japan

12.30-12.50 *In Progress*

12.50-13.10 **Discussion**

13.10-15.00 **Lunch- Poster Section**

Chairmen: (F. Salvatore, R.M. Di Giorgio)

15.00-15.20 **L. Vanella**– Effect of EETs on mesenchymal stem cell differentiation- -
University of Catania, Italy

15.20-15.40 **A. L'Abbate** -HO-1 over-expression prevents gas embolism and
markedly reduces mortality in the rapid decompression rat model.
Scuola Superiore S.Anna, Pisa, Italy

15.40-16.00 **D. Torella** - Cardiac Stem Cells: a paradigm shift for adult myocardial
regeneration in response to mechanical and oxidative stress-University
of Magna Grecia, Italy

16.00-16.20 **S.J. Peterson**- Pre-conditioning with an apolipoprotein mimetic protein
recruits HO-1-adiponectin dependent pAMPK and prevents ischemic
cardiac injury- New York Medical College, Valhalla, NY, USA.

16.20-16.40 *Discussion*

Chairmen: G. Scapagnini, T. Avitabile

16.40-17.00 **M. Schwartzman** – Eicosanoids biology, oxidative stress and
inflammation- New York Medical College, USA

17.00-17.20 **C. Bucolo** -HO/CO pathway and eye: implications for glaucoma.
University of Catania, Italy

17.20-17.40 **F. Bonomini** - Apolipoprotein E and oxidative stress- University of
Brescia, Italy

17.40-18.00 **M. Rizzo** The role of small, dense LDL in patients with the metabolic
syndrome- University of Palermo, Italy

18.00-18.15 *Discussion*

Chairmen: (N.G. Abraham,R. Rezzani)

18.15-18.35 **L. Nibali** Oxidative stress and periodontitis - University College of
London

18.35-18.55 **F. Cappello** -The pathogenetic role of the chaperonin Hsp60 in chronic
obstructive pulmonary disease: new data and perspectives-University of
Palermo, Italy

18.55-19.15 **I. Barbagallo** - Heme Oxygenase 1-induced resistance to imatinib in
chronic myelogenous leukemia cells, University of Catania, Italy

19.15-19.35 **S. Guccione**- Heme oxygenase-1 and -2 interactions as new targets for
drug design: interactive links between virtual and experimental
approches-University of Catania, Italy

19.35-19.55 *Discussion*

20.00 **Wine party, Villa S.Saverio Court**

GENERAL INFORMATION

The registration fee (40 euro, before march 1th) includes:

Attendance at all scientific sessions, attendance certificate, badge and congress kit, coffee breaks, lunch (April 13th), Wine party (April 13th).

Registration fees may be payed by money transfer to: Banca Agricola Popolare di Ragusa -IT66N0503683960CC0410075750

ABSTRACTS

Submission deadline is March 10th, 2012.

Abstracts must be written in English (max 300 words) and submitted through via email (vanella@unict.it).

POSTER PRESENTATION GUIDELINES

The poster should be exactly 80 cm (width) x 120 cm (height). The necessary material for displaying the posters will be available in poster area. *

*** Full papers of Lectures and selected posters will be published on a Special issue**