



NEW ADVANCES IN BIOLOGY AND MEDICINE 2014

Catania 24th May, 2014

Aula A, Edificio 2

Viale Andrea Doria, 6 (Catania, Italy)



10:00-10:30	Welcome address Prof. Angelo Vanella (Honorary Meeting President) Prof. Giacomo Pignataro (Rector of the University of Catania) Prof. On. Bartolo Sammartino (IEMEST President)
10:30-11:00	State of the Art Lecture: Prof. Giovanni Li Volti (University of Catania, Italy) <i>Fifteen years with heme oxygenase: back to the future</i>
11:00-12:40	Session: Cancer, Liver and cardiovascular diseases (Chairmen: Prof. Francesco Di Raimondo, Prof. Giuseppe Morgia)
11:00-11:20	Dr. Manlio Vinciguerra (University College of London, UK) <i>Short term fasting cycles enhance the efficacy of chemotherapy in gastrointestinal cancer</i>
11:20-11:40	Prof. Maurizio Parola (University of Turin, Italy) <i>Novel, hypoxia- and redox-related profibrogenic mediators in the progression of chronic liver diseases</i>
11:40-12:00	Dr. Mazzocchi Gianluigi (IRCCS “Casa Sollievo della Sofferenza”, S.Giovanni Rotondo, Italy) <i>The biological clock and the metabolic pathways in the liver: an indissoluble union in health and disease</i>
12:00-12:20	Dr. Luca Vanella (University of Catania, Italy) <i>EETs in Cardiovascular Diseases</i>
12:20-12:40	Dr. Federico Salamone (IEMEST, Palermo, Italy) <i>Oxidative stress and antioxidants in NASH</i>
12:40-13:00	Dr. Mikko Olavi Laukkanen (SDN Foundation, Naples, Italy) <i>Function of Superoxide dismutase 3 (SOD3) in tumorigenesis</i>
13:00-13:20	Discussion
13:20-15:00	Lunch
15:00-15:30	State of the Art Lecture: Prof. Bernardo Nadal-Ginard (King's College London, UK) <i>Adult Cardiac Stem Cells Are Indispensable For Myocardial Cell Replenishment: Prospects For Effective Cardiac Regeneration</i>
15:30-17:30	Session: Metabolic diseases, Immunology, Heat shock proteins and oxidative stress (Chairmen: Prof. Ferdinando Palmieri, Prof. Riccardo Ientile)
15:30-15:50	Prof. Alberto Macario (University of Maryland, USA) <i>The chaperonopathies: diseases of Hsp and chaperones in a new expanding field of Medicine</i>
15:50-16:10	Prof. Salvatore Sortino (University of Catania, Italy) <i>Shedding Light on Nanomedicine: Multifunctional Photo-Theranostic Nanoparticles</i>
16:10-16:30	Dr. Maria Domenica Castellone (CNR, Naples, Italy) <i>Interaction between Sonic hedgehog and bombesin neuropeptide pathways in small cell lung cancer</i>
16:30-16:50	Dr. Valeria Pittalà (University of Catania, Italy) <i>Natural Heme Oxygenase-1 Inducers and structure activity relationships of novel synthetic derivatives of CAPE</i>
16:50-17:10	Prof. Fabio Galvano (University of Catania, Italy) <i>How fat is obese?</i>
17:10-17:30	Prof. Nina Kulikova (University Campus of Digomi, Georgia) <i>Role of TLR homolog CD180 in the Immunopathology of Chronic Lymphocytic Leukaemia</i>
17:30-17:50	Discussion