

The International School of Advanced Molecular, Genome and Complex Systems BioMedicine
**Advanced Molecular Systems BioMedicine And
Complex Pathological Phenotypes**

Catania, Italy, June 18-20, 2014



18 June, 2014 - Aula Magna, Scuola Superiore di Catania

09.00: Course Introduction

Rector of the University of Catania
President, Scuola Superiore di Catania
President, Scuola Facoltà di Medicina

09.30: J Hoheisel: **Functional Genomics and Proteomics in Cancer Research**

10.30: H Valadi: **Cell-to-cell communication via exosomes**

11.30: Break

12.00: J Hoheisel: **Personalised proteomics by means of individualised protein microarrays**

19 June, 2014 - Aula Magna, Scuola Superiore di Catania

09.30: M Romani: **Epigenetic mechanisms of drug resistance (1)**

10.30: H Valadi: **Genetic communication between cells via exosomes. The use of human exosomes for delivery of therapeutic nucleic acids to cells**

11.30: Break

12.00: M Romani: **Epigenetic mechanisms of drug resistance (2)**

20 June, 2014 - Aula Pero of Policlinico, Catania

09.30: D Eizirik: **Molecular pathways of insulinitis and beta-cell apoptosis in type 1 diabetes**

10.30: M Cnop: **Molecular mechanisms of lipotoxicity and beta cell apoptosis in type 2 diabetes**

11.30: Tour on Mount Etna

Director of the School
Michele Purrello

Directors of 2014 Course
F Basile, C Di Pietro, F Purrello, M Purrello, M Ragusa

Scientific Committee
A Agodi, D Barbagallo, A Biondi, R Caltabiano, D Condorelli, M Di Vita, M Fichera, A Fiumara, L Malatino, T Mattina, P Musumeci, M Panella, S Piro, R Polosa, MA Rabuazzo, R Rizzo, S Saccone, M Santagati, M Scalia, F Sinatra, G Sorge, S Stefani, E Vasquez

Local Organising Committee
R Battaglia, C Barbagallo, M Barchitta, PV Cali, A Condorelli, S Di Mauro, MG Granata, MA Gulisano, M Maugeri, L Tamburello, F Urbano



Web Site of the School
<http://www.bgbunict.it>

