

WHAT IS GIBB

The Italian Group of Biomembranes and Bioenergetics is a non-profit society aiming at promoting the advancement of studies on biomembranes and bioenergetics by Italian researchers by means of knowledge sharing and scientific collaborations both in Italy and abroad. The specific competence of the society is the investigation of the biochemistry, biophysics, ultrastructure and function of energy-transducing cellular organelles.

<http://www.gibb-be.org/>

ANNUAL MEETING

Each year, the society members organise a scientific meeting in an Italian city. The spirit is to create a friendly atmosphere, in which researchers at any stage of their career share their results and perspectives. Presentations are given by junior scientists (like students and postdocs) and the Annual meeting is therefore a unique opportunity for young researchers to take the stage.

REGISTRATION

Participants: 120.00 Euro (early registration, before May 10th); 200.00 Euro (delayed registration, until May 30th). Guests: 100.00 Euro (until May 30th). Social dinner and lunch meals are included for participants and guests.

On-line registration at www.gibb-be.org

ABSTRACT SUBMISSION AT:

www.gibb-be.org



GIBB EXECUTIVE BOARD

Paolo Bernardi (PD), Alessandro Giuffrè (RM), Giovanna Lippe (UD), Vito De Pinto (CT), Francesco Francia (BO), Cesare Indiveri (CS), Luigi Palmieri (BA), Claudia Piccoli (FG)

ORGANIZING COMMITTEE

Vito De Pinto, Angela Messina, Francesca Guarino, Flora Tomasello, Simona Reina, Andrea Magri, Loredana Leggio, Maria Carmela Di Rosa, Marinella Pittalà.

SECRETARIAT

Vito De Pinto, Francesca Guarino, Angela Messina, Tel. +39 095 7384244 - 4231.
E-mail: catania2017@gibb-be.org; vdpbiofa@unict.it; guarin@unict.it; mess@unict.it.

GIBB INTERNATIONAL CATANIA 2017



MEETING OF ITALIAN GROUP OF BIOMEMBRANES & BIOENERGETICS

Catania, 14-16 June 2017

Aula Magna - Monastero dei Benedettini
Piazza Dante, 32 - Catania



UNIVERSITÀ
degli STUDI
di CATANIA



Dipartimento di Scienze
Biologiche, Geologiche e
Ambientali



PRELIMINARY PROGRAM

WEDNESDAY 14

- 14:30** Welcome address (Authorities, GIBB President & The Organizing Committee)
- 15:00** Opening Plenary lecture: **Sir John Walker (UK) Nobel laureate (Cambridge, UK)** *"The respiratory chain in mitochondria: a triumph for biochemistry and biophysics"*
- 16:00** **Session: ATPsynthase and the complexes of respiratory chain** - Oral presentations
- 19:00** End of session - Welcome cocktail

THURSDAY 15

- 9:00** Plenary lecture: **Prof. Doron Rapaport (Tuebingen, DE)** *"Biogenesis of mitochondrial outer membrane proteins in evolutionary context"*
- 9:45** **Session: Specialized transporters and pores** - Oral presentations
- 11:00** Coffee break
- 11:30** Oral presentations
- 13:30** Lunch
- 14:30** Plenary lecture: **Dr. Christian Frezza (Cambridge, UK)** *"Mitochondrial dysfunction and cancer: beyond metabolism"*
- 15:45** **Session: Bioenergetics metabolism and mitochondrial dysfunction** - Oral presentations
- 16:00** Coffee break
- 16:30** Oral presentations
- 19:00** End of Session
- 19:00** GIBB members meeting
- 20:00** Social dinner

FRIDAY 16

- 9:00** Plenary lecture **Prof. Lazlo Tretter (Budapest, HU)** *"Cyclophyllin D KO protects against bioenergetic changes detected in Alzheimer's model (Tg(APP^{Swe})/Tg(PSEN1)) mice"*
- 9:45** **Session: New and notable themes in Bioenergetics and Biomembranes** - Oral presentations
- 11:00** Coffee break
- 11:30** Oral presentations

INVITED SPEAKERS

Prof. John Walker



Professor Sir John Walker studies the structure, function, regulation and assembly of the ATP synthase in mitochondria, and increasingly in bacteria. For providing the molecular basis of the rotary mechanism of the F1-catalytic domain, he was awarded the Nobel Prize in Chemistry in 1997. In 2008, he became the Founding Director of the Medical Research Council's Mitochondrial Biology Unit, in Cambridge, where he continues his research as Director Emeritus.

Prof. Laszlo Tretter



Prof. Laszlo Tretter is interested on mitochondrial physiology, ROS homeostasis and metabolic biochemistry. He obtained M.D. and PhD degree at Semmelweis University where he is at present the head of Department of Medical Biochemistry.

INVITED SPEAKERS

Prof. Doron Rapaport



Professor Doron Rapaport is studying mitochondrial biogenesis and dynamics. He graduated in Chemistry in 1988 at Tel Aviv University and obtained his PhD in Biophysics in 1995 at The Weizmann Institute of Science. At present he heads a research group in the Interfaculty Institute of Biochemistry, University of Tuebingen.

Dr. Christian Frezza



Dr. Christian Frezza is working on the the role of altered mitochondrial metabolism in cancer. He gained his MSc in Medicinal Chemistry at the University of Padovain 2002. He then got a PhD on mitochondrial dynamics and apoptosis in Padova. In 2008, he moved to Glasgow, where he investigated the role of mitochondrial defects in tumorigenesis. In 2012 he took up his current position as Group Leader in Cancer Metabolism at the MRC Cancer Unit in Cambridge, UK.