

 BCM

Biologia Cellulare e Molecolare

&amp;

 BIRS

Biotechnologie per l'Industria e la Ricerca Scientifica

## ***scientists around the world***

**23 -12 -2013, STEBICEF, aula Mutolo**

### **~ Cell and Molecular Biology ~**

Session Chairman : Riccardo Barile

9.10 – 9.25; **Sara Perricone:**

*"The mechanistic basis of transcriptional regulation by CpG methylation"*

9.30 – 9.45; **Valentina Perrera:**

*"Transcriptional control and post-transcriptional modifications of mouse major satellite transcripts"*

9.50 – 10.05 ; **Benedetto Daniele Giaimo:**

*"A phospho-dependent switch facilitating Notch transcriptional responses"*

10.10 – 10.25; **Roberto Giambruno:**

*"The E3 ubiquitin ligase Dzip3 regulates nuclear Abl1 kinase activity in response to genotoxic stress"*

10.30 – 10.45; **Leandro Lo Cascio:**

*"Generation of transgenic mice: how to target the articular cartilage"*

10.50 – 11.05 **Simone D. Scilabra:**

*"Development of a T3-TRAP to investigate the effect of increased levels of TIMP-3 on cell behavior"*

11.10 – 11.25 **Coffee Break**

11.30 – 11.45; **Alessandra Lo Cicero:**

*"Exosomes in intercellular communication within the epidermal-melanin unit"*

11.50 – 12.05 ; **Sandro Caradonna:**

*"Effects of 6-OHDA on glia cells"*

**~ Medical research ~**

**Cancer**

**Session Chairman: Alessandro Cumbo**

12.10 – 12.25; **Francesco Paolo Fiorentino:**

*"MYC as Target for Therapy in Small Cell Lung Cancer"*

12.30 – 12.45; **Fabrizio Miranda:**

*"Understanding the origin of ovarian cancer"*

**Host Pathogen interaction**

12.50 – 13.05; **Maura De Simone:**

*"Dissection of the role of P. aeruginosa virulence factors and host genetic background during respiratory infection"*

13.10-13.25 ; **Riccardo Barrile:**

*"Neisseria meningitidis subverts host cell trafficking and polarity in order to cross the epithelial barrier"*

13.30 -13.45; **Alessia Liguori:**

*"Seeking recombinant Abs to aid structural studies of Bexero vaccine antigens NadA and NHBA"*

13.45 –15; **Lunch Break**

**~ 100 anni di Alberto Monroy ~**

**Session Chairman: Ida Albanese**

15.00 – 15.30; **Beatrice Monroy:**

*Book Presentation - "Oltre il vasto oceano"*

15.30 – 15.40; **Letizia Vittorelli:**

*"L'eredità scientifica di Alberto Monroy"*

15.40 – 15.55; **Maria Di Bernardo:**

*"Lo scopo della Associazione Alberto Monroy"*

**~ Plant, bacterial and virus- based biotechnologies ~**

Session Chairman: Antonino Biundo

16.00 – 16.15; **Agostino Fricano:**

*"Molecular breeding applications for biotech and native traits"*

16.20 – 16.35; **Antonino Biundo:**

*"Enzyme optimization for polymer modification"*

16.40 – 16.55; **Eleonora Chiri:**

*"Diversity, abundance and activity of methane-oxidizing bacteria in glacier forefields"*

17.00 – 17.15; **Monica Epifanio**

*"Shewanella loihica PV-4 electroactive biofilms (EABs) grown in potentiostat-controlled electrochemical cells"*

17.20 – 17.35; **Valeria Villanova:**

*"Optimizing diatom growth and yield by mixotrophic growth"*

17.40 – 17.55; **Alessandro Cumbo:**

*"Virus imprinted particles"*

18.00 - 18.15; **Antonio Emidio Fortunato:**

*"Rock around the clock> in marine diatoms"*

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### **Speakers**

**Riccardo Barrile**, mail: riccardo.barrile@gmail.com - Novartis Vaccines and Diagnostics - University of Siena In vitro cell biology unit Siena, Italy

**Antonino Biundo**, mail: antonino.biundo@gmail.com - University for Natural resources and Life Science Department of Environmental Biotechnology Vienna, Austria

**Sandro Caradonna**, mail: sandro.caradonna@yahoo.it - Eberhard Karls University of Tübingen, Institute of Anatomy Graduate school of molecular and cellular neuroscience Tuebingen, Germany

**Eleonora Chiri**, mail: eleonorachiri@gmail.com - Institute for Biogeochemistry and Pollutant Dynamics (IBP) Swiss Federal Institute of Technology (ETH) Zürich, Switzerland

**Alessandro Cumbo**, mail: alessandro.cumbo@fhnw.ch - University of Applied Sciences and Arts Northwestern Switzerland (FHNW) Basel, Switzerland

**Maura De Simone**, mail: maura.desimone@yahoo.it - PhD student at Infections and Cystic Fibrosis Unit, Division of Immunology, Transplantation and Infectious Diseases San Raffaele Scientific Institute, Milan, Italy

**Monica Epifanio**, mail: monica.epifanio2@mail.dcu.ie - School of Biotechnology, Dublin City University Dublin, Ireland

**Francesco Paolo Fiorentino**, mail: fpfiorentino@gmail.com - Institut de Medicina Predictiva i Personalitzada del Càncer (IMPPC) Barcellona, Spain

**Antonio Emidio Fortunato**, mail: antonio.fortunato@upmc.fr - Génomique des Microorganismes UMR 7238 CNRS Université Pierre et Marie Curie Paris, France

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**Roberto Giambruno**, mail: giambrun8@hotmail.com - CeMM-Center of Molecular Medicine of the Austrian Academy of Science Wien, Austria

**Alessia Liguori**, mail: liguori\_a@hotmail.com - Novartis Vaccines and Diagnostics, Siena (Italy)

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**Fabrizio Miranda**, mail: fabrizio.miranda@obs-gyn.ox.ac.uk - Weatherall Institute for Molecular Medicine University of Oxford Oxford, UK

**Valentina Perrera**, mail: perrera@ie-freiburg.mpg.de - Max Planck Institute of Immunobiology and Epigenetic, Freiburg Im Breisgau (Germany)

**Sara Perricone**, mail: Sara.Perricone@igmm.ed.ac.uk - Institute of genetics and molecular medicine University of Edinburgh, Scotland

**Simone Dario Scilabra**, mail: simonescilabra@med.nagoya-u.ac.jp - Postdoctoral Fellow at Nagoya University Nagoya, Japan.

**Valeria Villanova**, mail: villanova.valeria@gmail.com - CEA , Grenoble, France