



## 4<sup>th</sup> Italian-Hispano-Portuguese Workshop

### *Molecular Biology and Biophysics of Ion Channels and Transporters*

Mallorca (SPAIN)  
17-19 October 2013

#### Objective of the Workshop

To open a discussion forum for senior and junior researchers broadly interested in the field of ion channels, highlighting current research performed in laboratories from Italy, Spain and Portugal. Students and postdocs are especially encouraged to attend and present their results (as posters or short talks) in a friendly but rigorous environment.

#### List of Confirmed Speakers and Lecture Titles

**Valentina Benfenati**

Institute for Nanostructured Materials, CNR Bologna, (Italy)

**Organic materials and technologies for the study of ion channels in neural cells**

**Patrick Delmas**

Center for Research in Neurobiology and Neurophysiology, CNRS - Aix Marseille University (France)

**Mechanosensitive ion channels involved in touch and pain**

**Simone Furini**

University of Siena (Italy)

**Unveiling the atomic mechanisms of Na<sup>+</sup>/K<sup>+</sup> selectivity by Molecular Dynamics Simulations**

**Pau Gorostiza**

ICREA & Institute for Bioengineering of Catalonia (IBEC), Barcelona (Spain)

**Optical modulation of neurotransmission**

**Florian Lesage**

Institut de Pharmacologie Moleculaire et Cellulaire (IPMC), Sophie-Antipolis, (France)

**Background channels with two pore-domains: from inhibitory potassium-selective channels to excitatory cationic channels**

**Vera Moiseenkova-Bell**

Case Western Reserve University, Department of Pharmacology, Cleveland, Ohio (USA)

**Dissecting the underlying principles of pain sensation**

**Joao Morais-Cabral**

Institute for Molecular and Cell Biology, University of Porto (Portugal)

**Structure and function of potassium transporters**

**Manuela Pereira**

Instituto de Tecnologia Quimica e Biologica (ITQB), Universidade Nova de Lisboa (Portugal)

**Ion transport by respiratory complex I - the role of the Na<sup>+</sup>/H<sup>+</sup> antiporter like subunits**

**Pierluigi Valente**

University of Genoa (Italy)

**Fine tuning of short term plasticity and synaptic filtering mediated by GABA corelease at hippocampal glutamatergic autapses**

**John F. Wesseling**

CIMA & University of Navarra, Pamplona (Spain)

**A new NMDA receptor channel mechanism in neurodegenerative disease**



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#### **Organizing Committee:**

**Dr. Félix Viana**, Instituto de Neurociencias de Alicante, UMH-CSIC (Spain)

**Dr. Antonio Ferrer-Montiel**, Universidad Miguel Hernández de Elche (Spain)

**Dr. Stefano Ferroni**, Università degli Studi di Bologna (Italy)

**Dr. Marco Caprini**, Università degli Studi di Bologna (Italy)

**Dr. Graça Soveral**, Universidade de Lisboa (Portugal)

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#### **Dates of the Workshop**

October 17-19, 2013

#### **Venue of the Meeting**

**Hotel Riu Palace Bonanza Playa**

Illetas-Cas Catalá, Calviá

Balearic Islands (Spain)

<http://www.riu.com/en/Paises/spain/majorca/hotel-riu-palace-bonanza-playa/index.jsp>

#### **Registration**

To register and pay online, please visit the Workshop webpage at:

<http://trpchannels2013.inscribete.es>

**Registration fee with accommodation in double room Hotel Riu Bonanza Park: 285€**

**Registration fee with accommodation in single room Hotel Riu Bonanza Park: 350€**

The registration fee includes: lectures, abstract book, attendance certificate, 2-night-accomodation including breakfast, coffee breaks, 2 lunches, 2 dinners.

#### **Fellowships**

A limited number of travel grants (**250€** each) will be awarded to registered junior participants. If you are interested in applying to one of these awards please send an e-mail to [felix.viana@umh.es](mailto:felix.viana@umh.es).