



UNIVERSIDADE  
DE LISBOA



## *3<sup>rd</sup> Italian-Hispano-Portuguese Workshop On The Molecular Biology And Biophysics Of Ion Channels And Transporters*



### **Period**

7-10<sup>th</sup> July 2011

### **Venue**

Palazzo Vespignani, Campus of the University of Bologna, Imola (Bologna)

### **Workshop format**

Lectures and poster session

### **Contacts**

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### **Participation costs**

**A** - Registration fee for **young scientists** (undergraduate and PhD students) is 220€

It includes:

**1**-Accommodation (double/triple occupancy) for 3 nights including breakfast and lunch

**2**-Workshop materials

**B** - Registration fee for **post-doc, senior/corporate scientists** is 250€

### **Application procedure**

Upon submission of CV

Application deadline: **May 1<sup>st</sup> 2011**

Notification will be given within 15 days after application deadline

### **Organizing committee**

Prof. Stefano Ferroni, Università degli Studi di Bologna

Dr. Marco Caprini, Università degli Studi di Bologna

Prof. Antonio Ferrer-Montiel, Universidad Miguel Hernández de Alicante, Spain

## Scientific program

### LECTURES

**Vincenzo Di Marzo**, Istituto di Chimica Biomolecolare, Consiglio Nazionale delle Ricerche, Italy  
*Transient receptor potential (TRP) channels and their interactions with endocannabinoids and plant cannabinoids*

**Pietro Baldelli**, Dipartimento di Medicina Sperimentale, Università degli Studi di Genova, Italy  
*NRSF/REST: a silencing transcription factor for silencing neuronal hyperexcitability*

**Francesca Grassi**, Dipartimento di Fisiologia e Farmacologia, Università degli Studi di Roma "La Sapienza", Italy  
*Functional properties of acetylcholine receptor channels bearing mutations associated with human pathologies*

**Anna Moroni**, Dipartimento di Biologia, Università degli Studi di Milano, Italy  
*The molecular basis of the differential response of HCN channels to cAMP*

**Luis Pardo**, Max Planck Institute for Experimental Medicine, Göttingen, Germany  
*Oncogenic ion channels*

**Vicente Aguilera**, Departamento de Ciencias Experimentales, Universidad Jaume I, Castellón, Spain  
*Physics of ion permeation through wide protein channels*

**Francisco Ciruela**, Departamento de Patología y Terapéutica Experimental, Universitat de Barcelona, Spain  
*New fluorescence-based approaches for the study of multiprotein complexes in live cells: lessons from G protein-coupled receptor oligomerization*

**Teresa Giráldez**, Unidad de Investigación HUNSC, Tenerife, Spain  
*A deeper look into protein function: studying ion channels in motion*

**Graça Soveral**, Faculdade de Farmácia, Universidade de Lisboa, Portugal  
*Aquaporin water channels: function and regulation by membrane stress*

**Boris Safronov**, Instituto de Biologia Molecular e Celular, Universidade do Porto, Portugal  
*Functional distribution of Na<sup>+</sup> and K<sup>+</sup> channels in spinal neurons*

### KEYNOTE LECTURES

#### *Inaugural Keynote*

**Bernd Nilius**, Department of Physiology, Campus Gasthuisberg, Leuven, Belgium  
*TRP channels: sensory devices*

#### *Closing Keynote*

**Bert de Groot**, Max Planck Institute for Biophysical Chemistry, Göttingen, Germany  
*Permeation mechanisms across biological membranes*

### POSTER SESSION

Posters of the attendees will be displayed for the entire duration of the workshop to provide more opportunity for scientific discussion and interaction among participants during the breaks