

Monday July the 12th

10:00 Welcome

Session 1: DYNAMIC ASPECTS OF MEMBRANE PROTEINS

Chairman: Antonio Rodriguez Artalejo

10:15 -10:45 J. Antonio Lamas, Universidad de Vigo.

Inhibition of TREK currents by muscarinic agonists in mouse sympathetic neurons.

10:45-11:15 Juan Martínez Pinna, Universidad de Alicante.

Direct voltage control of endogenous lysophosphatidic acid G-protein-coupled receptors in Xenopus oocytes and HEK cells.

11:15-11:45 Francisco Ciruela, Institut d'Investigació Biomèdica de Bellvitge. (IDIBELL)-Universidad de Barcelona.

G protein-coupled receptors and ion channels containing oligomers: new potential pharmacological targets.

11:45-12:45 **Poster Session 1:** Coffee break and poster presentation.

Session 2: MEMBRANE PROTEINS: CELLULAR FUNCTION

Chairman: Luis Barrio

12:45-13:15 Antonio Felipe, Universidad de Barcelona.

Molecular determinants involved in the Kv1.3 traffic and surface expression.

13:15-13:45 Enrique Pérez Payá, Centro de Investigación Príncipe Felipe, Valencia.

Bcl-2/Apaf-1 proteins and mitochondrial transition to permeability in apoptosis.

14:00 Lunch

Session 3: MEMBRANE PROTEINS: FROM STRUCTURE TO FUNCTION

Chairman: Diego Guerin

15:30-16:00 David Aguado, Inst. de Biología Molecular y Celular, Universidad Miguel Hernández de Elche.

The Basic Helix-Loop-Helix Region of Human Neurogenin 1 Is a Monomeric Natively Unfolded Protein Which Forms a "Fuzzy" Complex upon DNA Binding.

16:00-16:30 Alfonso Martínez de la Cruz, CIC Biogune, Derio.
Regulatory Mechanisms mediated by CBS domains.

16:30-17:30 **Poster Session 2:** Coffee break and poster presentation.

17:30-18:30 **Key note lecture:** Jacqueline Gulbis, The Walter and Eliza Hall Institute of Medical Research, Parkville, Victoria, Australia.

An Intracellular Assembly Regulates Conduction in Kir Potassium Channels.

21:30 Dinner Monday, 12th

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Session 4: MEMBRANE PROTEINS AND DRUG DISCOVERY

Chairman: Antonio Ferrer-Montiel

09:00-9:30 Angel Messeguer, Instituto de Química Avanzada de Cataluña (IQAC-CSIC).

Design and construction of an improved library of peptoids under the positional scanning format.

09:30 -10:00 Rosario González Muñoz, Instituto de Química Médica, CSIC, Madrid.

Peptides and Peptidomimetics: A Source of Tools for Biological and Medicinal Chemistry within Ion Channels.

10:00-11:00 **Key note lecture:** Manuel Palacin, Universidad de Barcelona.
Mechanisms of substrate recognition and transport by a dimeric amino acid antiporter: amino acid transport and symmetry

11:00-11:30 **Poster Session 3:** Coffee break and poster presentation.

11:30-13:30 Scientific committee discussion.

13:30-14:30 Leisure activities: Chorus concert.

14:30 Lunch and Farewell



International Workshop on Membrane Proteins, Signal Transduction and Disease

Hotel Indautxu,

Bilbao, July 12-13, 2010

BioFor^{UPV EHU}

IZASA
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