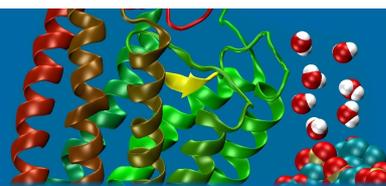


Structural Biology of Membrane Proteins



E-bulletin of Marie-Curie Integrated Training Network - SBMPs

January 2012

**Conferences and workshops related to membrane proteins
in 2012:**

**4th and Final Annual Meeting of the Initial Training
Network SBMPs**

30th May to 2nd June 2012

Hotel Villa Del Mare, Acquafredda di Maratea, Italy

http://www.sbmp-itn.eu/SBMPS_WWW/conference/



Description:

This meeting will bring together fellows of our Initial Training Network, their Principal Investigators, and the visiting scientists of the network. In addition the scientific program will contain presentations and keynote lectures of international leaders in the field of membrane protein research:

Keynote speakers:

Donald Engelman (Yale University)
Tom Walz (Harvard Medical School)
Matthias Rief (Technische Universität München)
Andreas Plückthun (Universität Zürich)

SBMPs speakers:

- Marc Baldus (Utrecht University)
- Frank Bernhard (Goethe-University Frankfurt am Main)
- Slawomir Filipek (University of Warsaw)
- Alain Milon (CNRS and Toulouse University)
- Daniel Müller (ETH Zürich)
- Jean-Luc Popot (CNRS)
- Horst Vogel (Ecole Polytechnique Fédérale de Lausanne)
- Eva Pebay-Peyroula (CNRS and Grenoble University)
- Gregg Siegal (Zobio Inc.)
- Thomas Schmidt (Leiden University)
- Shinya Yoshikawa (Hyogo University)
- Georg Büldt (Forschungszentrum Jülich)

Description of meeting's location as well as a travel information are included at the conference web site.



Gordon Research Conferences:

Protons & Membrane Reactions

February 19-24, 2012

Four Points Sheraton, Ventura, California, USA

<http://grc.org/programs.aspx?year=2012&program=protons>



Description:

The 2012 Gordon Conference on Protons & Membrane Reactions will bring together cutting edge research on the transport of proton, electrons, ions and water through proteins in biological membranes. Topics will consider the structure of membranes and membrane proteins and the thermodynamics and kinetics of transport. The aim will be to better understand the functions of biological energy transduction, sensory perception, nerve conduction and signaling that rely on active and passive transport of solutes, proton and electron transport. This interdisciplinary meeting brings together scientists carrying out studies ranging from the interactions of ions with water and membranes to the biology of channel, transporters and electron transfer proteins. Experimental and theoretical approaches will be brought together to understand basic principles of membrane transport processes. The conference will provide an opportunity for young researchers to present their results and discuss science with more established colleagues. The GRC on Protons & Membrane Reactions encourages presentations in the form of posters, which play a vital role in the meeting discourse.

Keystone Symposia on Molecular and Cellular Biology:

ApoE, Alzheimer's and Lipoprotein Biology

February 26 - March 2, 2012

Keystone Resort, Keystone, Colorado, USA

<http://www.keystonesymposia.org/Meetings/ViewMeetings.cfm?MeetingID=1182>



Description:

Apolipoprotein E4 (ApoE4) genotype is the primary risk factor for late-onset Alzheimer's Disease. Approximately one fifth of the human population are ApoE4 carriers, yet more than 17 years after its discovery, the molecular basis by which this common allele causes neurodegeneration is still not understood. One major reason is the lack of effective communication between lipid researchers who have investigated the role of ApoE as a plasma lipid transport protein, and neuroscientists who are unfamiliar with the complex biochemistry of lipid metabolism and the cell biology of ApoE receptors. This is confounded by the methodological difficulty of studying lipid metabolism and lipoprotein transport in the brain and the paucity of pioneering work tackling this problem. Yet, the solution to one of the most pressing socioeconomic problems of our times, the looming Alzheimer's Disease epidemic, depends on our ability to dissect and understand the molecular mechanism by which ApoE4 is causing this disease. The purpose of this highly interdisciplinary meeting on ApoE, Alzheimer's and lipoprotein biology is to bring together a critical mass of experts with complementary expertise from these different fields, but who do not normally collaborate or attend the same conferences. In this manner, we envisage this meeting serving as the main catalyst for communication and collaboration between lipid and lipoprotein researchers, neurogeneticists, cell biologists and synaptic neurophysiologists. Opportunities for interdisciplinary interactions will be significantly enhanced by the concurrent conference on Clinical and Molecular Biology of Acute and Chronic Traumatic Encephalopathies, which will share opening keynote addresses and a fourth day of sessions with this meeting.

The information about new **conferences**, **courses** and **workshops** related to membrane proteins as well as some important news related to **SBMPs** (including meetings, publications etc.) please send to **Slawomir Filipek** (sfilipek@chem.uw.edu.pl).
