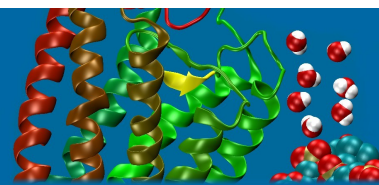


# Structural Biology of Membrane Proteins



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

February 2011

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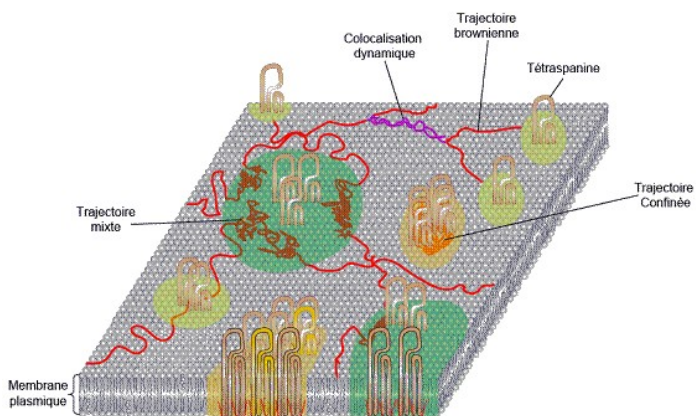
**Upcoming conferences and workshops in 2011:**

**School**

**Dynamics of Biological Membranes**

**20 - 23 June, 2011, Porquerolles Island, France**

<http://lai.sciences.univmed.fr/Colloque/Echome.htm>



## **Description:**

Cell functions such as survival, migration, environment sensing, feeding or response to infection rely on dynamic processes driven by a number of molecular machines that curve, fuse or compartmentalize membrane components. The aim of this school is to provide an integrated view of basic physical, biochemical and cell biological concepts that are needed to study cell surface dynamics. Principles will be illustrated by a few selected examples of current interest. This school will be based on a series of 90 minute lectures given by recognized specialists. Further, a few round tables, short lectures and posters will be included to facilitate an active participation of the audience. Some free time will also be devoted

to informal exchanges. Pluridisciplinarity will be supported by asking lecturers to include basic information in their presentation in order to be accessible both to biologists and physicists.

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**ASBMB 2011 annual meeting**  
**Lipid and Membrane Metabolism**  
**April 9-13, 2011, Washington, D.C**  
[http://www.asbmb.org/asbmbtoday/asbmbtoday\\_article.aspx?id=8890](http://www.asbmb.org/asbmbtoday/asbmbtoday_article.aspx?id=8890)

**Description:**



Distinct chemical families of lipids endow divergent biophysical properties to the membranes in which they reside. Thus, lipid distribution between various intracellular organelles must be properly regulated to insure appropriate membrane function. Many different classes of lipids also are known to serve as metabolic precursors to various second messengers or as signaling molecules in their own right. Because lipid signaling pathways interface with highly interdigitated networks of biological processes, diverse territories of intracellular lipid metabolism and trafficking need to be tightly coordinated. The 2011 American Society for Biochemistry and Molecular Biology annual meeting “Lipid and Membrane Metabolism” theme focuses on new progress regarding how the metabolism, trafficking, organization and biological functions of major lipid classes are coordinated. The theme consists of the following four sessions: Phosphoinositides, Sphingolipids, Phospholipases D, Neutral Lipids.

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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@iimcb.gov.pl](mailto:sfilipek@iimcb.gov.pl)).

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