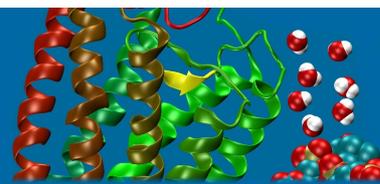


# Structural Biology of Membrane Proteins



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

March 2011

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**Upcoming conferences and workshops in 2011:**

## **Symposium**

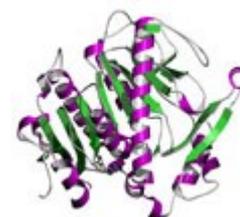
### **Delaware Membrane Protein Symposium**

**4 May 2011, Clayton Hall, University of Delaware, Newark**

<http://www.che.udel.edu/cobre/symposium.html>

# cobre

Center of Biomedical Research Excellence at the University of Delaware



#### **Description:**

Membrane proteins are critical for cell-cell recognition, inter- and intracellular signaling, transmembrane transport and cell homeostasis, and are of great interest in understanding human disease and as drug targets. It is estimated that membrane proteins represent >30% of the human genome and are the targets of >50% of all therapeutics on the market today. However, only a small fraction of these important proteins have been isolated, the functions of most of them remain unknown, and membrane proteins make up < 1% of solved high-resolution structures in the Protein Data Bank. Reasons for this lag in membrane protein characterization include difficulties in expressing such proteins in significant quantities, in isolating and purifying them in view of their amphipathic character, and in crystallizing them. The COBRE in Membrane Protein Production and Characterization undertakes research to help overcome these difficulties and to elucidate the biological functions of additional membrane proteins.

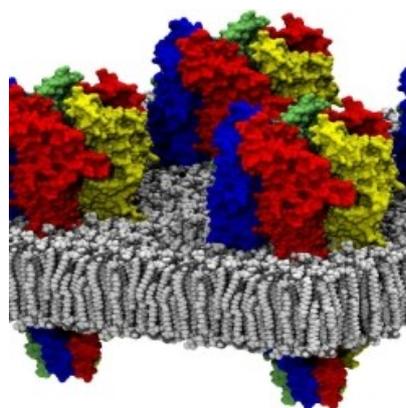
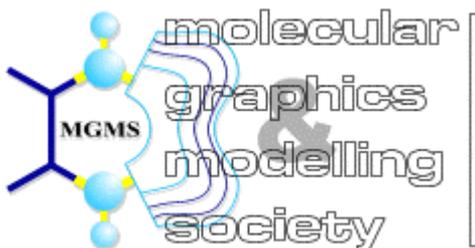
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The conference

Membrane Proteins: Structure and Function

April 6-8, 2011, Lady Margaret Hall, Oxford, UK

<http://sbc.bioch.ox.ac.uk/mgms2011/>



Description:

The conference "Membrane Proteins: Structure and Function" will take place Wednesday 6th to Friday 8th April 2011. The aim of the conference is to discuss recent structural and functional developments of membrane proteins in experimental and computational contexts. Topics covered will include ligand-gated ion channels, transporters, GPCRs and viral proteins and should be of interest to members of the pharmaceutical industry as well as those in academia. There will be opportunities for oral and poster presentations. Contributions from students and postdocs are particularly welcome.

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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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