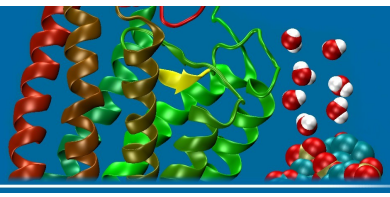
Structural Biology *of* Membrane Proteins



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

January 2010

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Information about conferences and workshops within SBMPs in 2010:

Change of location of our annual meeting:
(a date may be adjusted a bit)

2nd Annual Meeting of SBMPs

June 9 - 12, 2010 / Basel, Switzerland

The meeting will include courses on complementary skill training and contacts with the private sector as well as Mid-Term Review Meeting.
The detailed program will be announced later.

Workshop (updated flyer attached):

Cell-Free Expression of Membrane Proteins

Principles, Compound Preparation and Practical Approaches

February 21 - 27, 2010 / Frankfurt/Main, Germany

Registration to: fbern@bpc.uni-frankfurt.de

Flyer includes a detailed program, map and transportation.

Workshop (flyer attached):

Applications of Amphipols to Membrane Protein Studies

March 8 - 12, 2010 / IBPC, Paris France

Registration to: Jean-Luc.Popot@ibpc.fr

Other conferences and workshops related to membrane proteins in 2010:

3rd Annual NIH Roadmap Meeting on Membrane Protein Technologies

Nov 17-18, 2010 / La Jolla CA, USA

http://jcimpt.scripps.edu/rmi2010.html/

NIH Roadmap FOR MEDICAL RESEARCH

The Scripps Research Institute (TSRI) will be hosting the 3rd Annual NIH Roadmap Initiative meeting focused on membrane protein technologies. The past 2 meetings have been very successful, with an open exchange and sharing of data, technologies and ideas focused on how to improve all aspects of membrane protein structural biology from cloning/expression to structure determination.

To accelerate technology dissemination to the community, a special 1 day hands-on workshop will take place at The Scripps Research Institute on November 16th, 2010 focused on pre-LCP crystallization tools and LCP crystallization/imaging technologies. Interested participants should contact **Vadim Cherezov** (vcherezo@scripps.edu) about details and researchers will be encouraged to bring their own membrane protein samples.

International Workshop on Coarse-Grained Biomolecular Modeling

March 7 - 12, 2010 / Levi, Finland

http://tfy.tkk.fi/soft/levi2010/

The workshop consists of plenary lectures on different aspects of coarse-grained biomolecular simulation methodology, hands-on practical sessions related to the methods covered in the lectures, research talks by invited speakers and the participants, and a poster session.

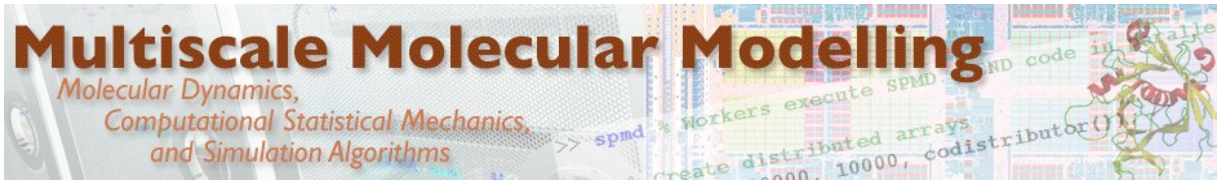
The purpose of this workshop is to introduce the participants to different state-of-the-art methods in CG modeling of biomolecular systems. The workshop features a series of plenary lectures by internationally renowned experts in the field.

Invited and contributed research talks and a poster session will further provide the participants with a view on the present-day applications of CG and multi-scale methods.

Multiscale Molecular Modelling:
Molecular Dynamics, Computational Statistical Mechanics, and Simulation Algorithms

June 30 -July 3, 2010 / Edinburgh UK

http://kac.maths.ed.ac.uk/MMM2010/



This meeting will address formulation issues, numerical methods, and the implementation of algorithms for probing molecular models, especially multiscale simulation methods. They will bring together **mathematicians and computer scientists with physical scientists**, to accelerate the transfer of theoretical methodology mathematical ideas into applications.

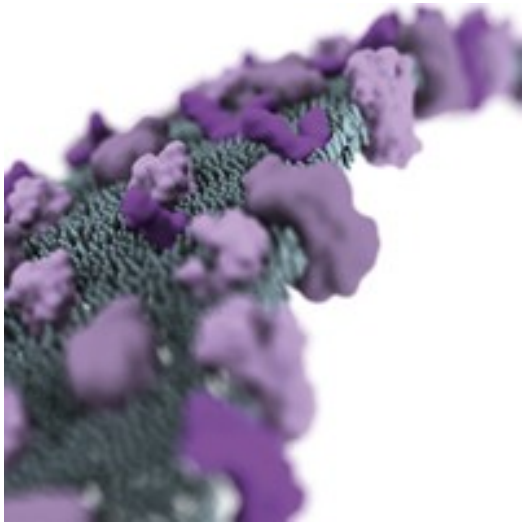
EMBO Practical Course

Scientific Programming and Data Visualization for Structural Biology

May 5 – 7, 2010 / EMBL Heidelberg, Germany

http://www.embl.de/training/courses_conferences/course/2010/APP10-01/

The Practical Course on Scientific Programming and Data Visualization was developed at Harvard where it was offered for the last two years. In 2010, for the first time, it will move to Heidelberg, allowing 45 European students to participate. The course is designed primarily for structural biologists, but scientists from other disciplines are welcome to apply. The goals of the course are to allow students to learn and master computational skills that are frequently required in less routine projects and to learn methods of data visualization. Joint lecture sessions and three parallel tutorial tracks will be offered: Scientific Programming with Python, OSX Programming and Molecular Visualization with Maya. As part of the course, we ask students to prepare a project proposal that is relevant for their own research area.



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The information about new conferences, courses and workshops related to membrane proteins please send to *Slawomir Filipek (sfilipek@iimcb.gov.pl)*.

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