



Practical System's Biology

an Introduction to Mapping and Modelling of Cellular Signal Transduction

**June 29th,
13:00-15:30**

**Chair:
Stefan Hohmann**

**Coordinator:
Marcus Krantz**

The attendees will be introduced to different visualisation strategies for signal transduction pathways, and how to use pathway maps as a base to create mathematical models. The workshop will contain a brief introduction to mapping and modelling and to the software used. This will be followed by independent work with a set of small case studies that demonstrates the basic methodology.

The workshop will be basic as regards mapping and modelling and assume no prior knowledge of the methods or software used. However, it will assume a good understanding of the principles of cellular signal transduction. A brief introduction to the problems and strategies for visualisation of signal transduction pathways can be found in:

The Systems Biology Graphical Notation by Le Novère et al. (PMID: 19668183).

Important Note:

Participants are expected to bring their lap-tops with them.

Pre-Registration to the Workshop:

As the total number of participants will be limited, please send an e.mail expressing your interest to participate before

May 15, 2010 both to:

Marcus Krantz, Coordinator of the Workshop:

marcus.krantz@cmb.gu.se

and to:

Gul Guner-Akdogan, Chair of FEBS Education Committee:

gul.guner@deu.edu.tr