Mathematical Modeling for the Cell Biology Researcher & Educator

A NIMBioS Tutorial

April 8-10, 2013

NIMBioS at the Univ. of Tennessee, Knoxville

The goal of this tutorial is to introduce and teach participants how to use computational resources for mathematical modeling and simulation of kinetic networks and networks in spatial context. Participants will work through a series of examples of increasing biological and mathematical complexity. By the conclusion of the tutorial, participants will have learned the skills needed to build and simulate models of reaction networks. Attendees will be encouraged to work on models of their own research systems and will receive assistance from the organizers and presenters.

Participation in the tutorial is by application only. Applicants selected to attend will be notified by NIMBioS by mid-February. Individuals with a strong interest in the topic, including post-docs and graduate students, are encouraged to apply. If needed, applicants may request travel and lodging support.

Application deadline: January 31, 2013

For more information about the tutorial and a link to the online application form, go to http://www.nimbios.org/education/TT_vcell.html

The National Institute for Mathematical and Biological Synthesis (NIMBioS) brings together researchers from around the world to collaborate across disciplinary boundaries to investigate solutions to basic and applied problems in the life sciences. NIMBioS is sponsored by the National Science Foundation, the U.S. Department of Homeland Security, and the U.S. Department of Agriculture with additional support from The University of Tennessee, Knoxville.