18th Annual Virtual Cell Short Course June 12-14, 2017

National Resource for Cell Analysis and Modeling

UCONN HEALTH
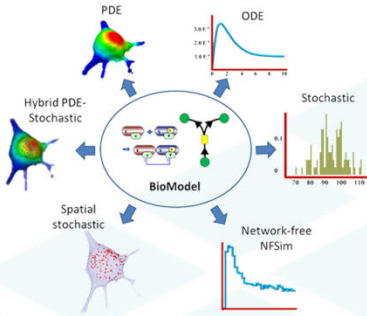
The 18th Annual Virtual Cell Short Course will be sponsored by the National Resource for Cell Analysis and Modeling (NRCAM) at the University of Connecticut Health Center on June 12-14, 2017. This is an intense hands-on course designed to enable cell biologists and biophysicists to develop a Virtual Cell model of their experimental system. As a NIH Biomedical Technology Research Center, NRCAM is charged with supporting NIH-funded research through collaborative projects. Accordingly, priority for acceptance into the course is given to NIH-funded laboratories.

Course Description

The aim of the course is to initiate collaborative projects between your lab and NRCAM. The course will consist of one morning of introductory lectures presented by the developers and selected users of the software, followed by continuous interactive, hands-on sessions using the software for developing models and performing simulations. The course will be limited to about 10 people to allow for extensive one-on-one teaching sessions and to promote in-depth scientific discussions among the participants and instructors. Course instructors will include Michael Blinov, Judy Bloom, John Carson, Ann Cowan, Leslie Loew, Ion Moraru, Frank Morgan, Jim Schaff, and Boris Slepchenko.
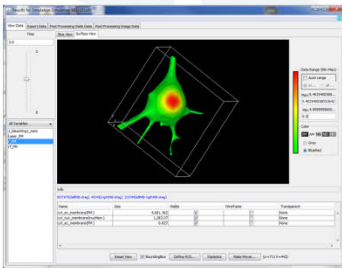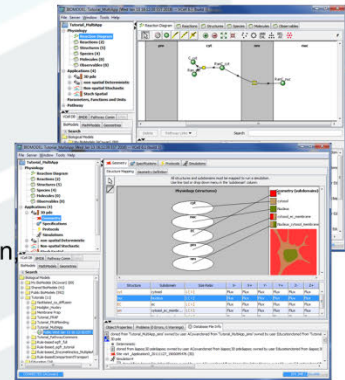
How to Apply for the Course:

To apply for the course you are asked to submit a 1-2 page proposal outling your project and including the title and period of your NIH grant. This will allow us to determine if the current implementation of the Virtual Cell is applicable to your project. Please email your short proposal by April 30, 2017 to Dr. Leslie Loew: les@uchc.edu. There is no registration fee for this course and NRCAM will provide all meals however, you will be responsible for travel and hotel costs. We hope you will be able to join us and please pass the word along to your cell biology colleagues.

Additional Information:

For more information on the Virtual Cell Software and its capabilities please visit our web site at http://www.vcell.org, which has extensive tutorials and examples of models developed using the Virtual Cell.

Contact:

Call or email Karen Zucker at 860-679-1452, zucker@uchc.edu.