VCELL

20th Annual Workshop
Computational Cell Biology
# June 24-26, 2019

COPASI

The 20th Annual Workshop on Computational Cell Biology will be sponsored by the Center for Cell Analysis and Modeling (CCAM) at the University of Connecticut School of Medicine on June 24-26, 2019. This is an intense hands-on course designed to enable cell biologists and biophysicists to develop models of their experimental system using Virtual Cell and COPASI software systems. As a NIH Biomedical Technology Resource, we are 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 course will consist of ½ day of introductory lectures presented by the developers of the two software platforms. The remaining 2.5 days will consist of continuous interactive, hands-on sessions using the software for developing models and performing simulations. The course will be limited to about 12 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, Ann Cowan, Leslie Loew, Pedro Mendes, Ion Moraru, Masoud Nickaeen, and Boris Slepchenko.
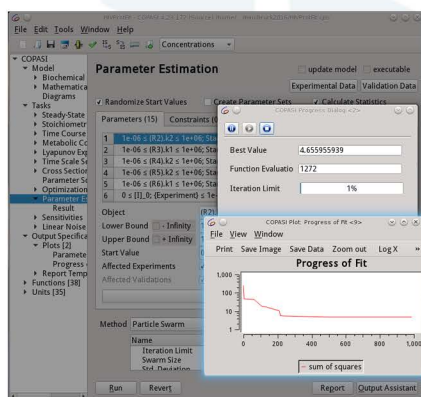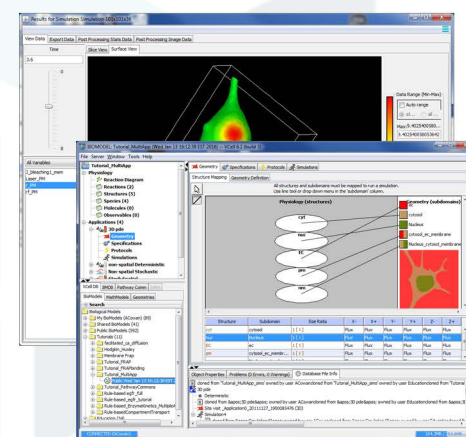
How to Apply for the Course

To apply for the course you are asked to submit a 1-2 page proposal outlining your project and including the title and period of your NIH grant. This will allow us to determine if the current implementations of the Virtual Cell and COPASI are applicable to your project. Please email your short proposal by April 30, 2019 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 and COPASI Software and their capabilities please visit our web sites at http://vcell.org and http://copasi.org, which have extensive tutorials and example models.

Contact

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