

24th Annual CCB Workshop

February 13 - 15, 2023

Please note this is the online format.

 **COPASI**

 **VCell**

The 24th 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 February 13 - 15, 2023. It will be an intense on-line event designed to enable cell biologists and biophysicists to develop models of their experimental system using Virtual Cell, COPASI, and SpringSaLaD software systems. The workshop will include a combination of plenary sessions and breakout sessions for one-on-one model building. For pre-selected participants, we will provide “hands-on” help developing models in support of their individual research. Throughout the 3 days, there will be opportunities for participants to describe their own modeling projects.

Keynote Speakers



Jason Haugh,
North Carolina
State University



Pablo Iglesias,
Johns Hopkins



Ursula Kummer,
University of Heidelberg

The workshop is free. However, to be admitted please email the following information to les@uchc.edu by January 13: your name, institution, lab head (if you are a student), research field and responses to the following questions.

- Which of the software systems will be of immediate value in your research:
 - COPASI <http://copasi.org/>
 - Virtual Cell <https://vcell.org/>
 - SpringSaLaD <https://vcell.org/ssalad>
- Are you:
 - A novice at modeling who can benefit from general introductions to kinetic and reaction-diffusion systems?
 - An experienced modeler interested in advanced topics?
- Do you have a modeling project that you would like to work on with our help? If so, please send us a short (~1 page) description of your project explaining the research question you wish to address and how modeling can help. This will allow us to determine if the current implementations of the Virtual Cell, COPASI or SpringSaLaD are applicable to your project
- VCell and COPASI support many advanced modeling techniques. Please list any such approaches you may be interested in learning more about.

