

Simulation Concepts and their Application to Model-Informed Drug Development

Metrum Research Group (<http://metrumrg.com/>) will present a one-and-a-half-day workshop entitled **“Simulation Concepts and their Application to Model-Informed Drug Development.”** on **Thursday and Friday, October 24-25, 2019**. This hands-on workshop will provide participants with a foundation for applying simulation to decision-making in the drug development process. The workshop will begin with a discussion of how to translate key questions into quantitative decision criteria, suitable to be addressed through simulation. This will be followed by an introduction to mrgsolve, an open-source platform for simulation in R (<https://mrgsolve.github.io>), and a discussion of fundamental simulation concepts, such as how to implement uncertainty and variability to produce appropriate simulation output. Finally, the workshop will wrap up with hands-on case studies in mrgsolve, allowing the students to implement what they've learned.

Cost will be \$1100 for industry, \$600 for academia or government, and \$375 for students.