

ONLINE TRAINING

PHARMACOMETRICS WITH PUMAS

Date and Time-

* Part 1: Thursday April 30, 11:00 AM – 03:00 PM US Eastern Time

* Part 2: Friday May 1, 11:00 AM – 03:00 PM US Eastern Time

Cost: \$900 USD

Instructor: Dr. Vijay Ivaturi, initiator and leader of Pumas.ai and Pumas.jl and Professor of Pharmacology at the University of Maryland School of Pharmacy

Mode of instruction: Online

About the training:

Pumas is a comprehensive platform for Pharmaceutical Modeling and Simulation, providing a single tool for the entire drug development pipeline. It is used for simulation and estimation of quantitative pre-clinical and clinical pharmacological models. This training will cover the following topics-

Part 1

1. Orientation of the JuliaPro Interface for Pumas
2. NLME Model Specification using the Pumas Domain Specific Language
3. DosageRegimen, subject and population
4. Simulation from NLME models

Part 2

1. Orientation of the workflows for estimation
2. Estimation of NLME models
3. Infer and inspect your models
4. Validate using bootstrap or VPC
5. Use your estimation for evaluating alternate scenarios

Total duration 8 hours (4 hours each day)