

Two Day Hands-On Workshop

SciML and Agentic QSP Workflows in Pumas

July 29 - 30, 2026 • 9:00 - 17:00 JST

Bldg. No. 1, 5F, Seminar Room 1507 Kitasato University, Shirokane Campus, Tokyo

Quantitative Systems Pharmacology (QSP) has long bridged molecular biology and clinical pharmacology, enabling mechanistic modeling of complex disease and drug action. This workshop pushes that bridge forward by integrating QSP with the latest advances in scientific machine learning (SciML), generative modeling, and agentic AI — all within the Pumas® ecosystem.

Key Highlights

- Mechanistic model construction
- In-silico clinical trial simulations
- End-to-end modeling with PumasAide
- Augmenting mechanistic models with neural networks



Sneak Peek into DeepPumas™

Where machine learning integrates with pharmacometrics

Instructors



Dr. Vijay Ivaturi
Co-founder & CEO
PumasAI



Dr. Lorenzo Contento
Product Engineer
PumasAI

