



qsp summit
Cambridge, MA

Thursday, October 12, 2023

Le Méridien Boston Cambridge | 20 Sidney Street | Cambridge, MA 02139

Start Time (ET)	Event
8:30 AM	Breakfast and registration
9:00 AM	<i>Opening remarks</i> John Burke, PhD, Co-Founder, President and CEO at Applied BioMath
9:15 AM	Alex Pellerin, PhD, Director at Seismic Therapeutic <i>"Preclinical modeling of an IgG cleaving enzyme: A solution to a unique problem"</i>
9:45 AM	Lyndsey Meyer, PhD, Researcher at Pfizer <i>"Developing a QSP model to interrogate mitochondrial dysfunction for applications in heart failure"</i>
10:15 AM	Fereshteh Nazari, PhD, Translational PK/PD Modeler at Takeda <i>"A Quantitative Systems Pharmacology Model Describing the Cellular Kinetic-Pharmacodynamic Relationship for a Live Biotherapeutic Product to Support Microbiome Drug Development"</i>
10:45 AM	Break and poster viewing session
11:15 AM	Jane Bai, PhD, Expert Regulatory Scientist at the U.S. Food and Drug Administration <i>"Role of quantitative systems pharmacology in model informed drug development"</i>
11:45 AM	Lightning talks (two selected speakers from abstract submissions) Taylor Eggertsen, Graduate Research Assistant, University of Virginia Narshini Gunpath, Intern, Takeda
12:05 PM	Lunch and poster viewing session
1:00 PM	Weirong Wang, PhD, Senior Scientific Director at Janssen R&D <i>"Exploring Immune Cell Dynamics with QSP Modeling: Case Studies in SLE and CRS"</i>

1:30 PM	Jennifer Fretland, PhD, Executive Director at EQRx <i>"Application of Model-Informed Drug Development in Early Discovery"</i>
2:00 PM	Break and poster viewing session
2:30 PM	Rajat Desikan, PhD, Director, Quantitative Clinical Pharmacology at GSK Tianjing (Kiko) Ren, PhD, Postdoctoral Fellow at GSK and University at Buffalo <i>"QSP modeling of chronic Hepatitis B infection decodes the mechanistic underpinnings of differential functional cure rates with standard-of-care therapies"</i>
3:00 PM	Irina Kareva, PhD, Associate Director at EMD Serono <i>"Minimally Sufficient Experimental Design using Identifiability Analysis"</i>
3:30 PM	Peter Sorger, PhD, Otto Kraymer Professor of Systems Pharmacology at Harvard Medical School <i>"Multimodal tissue imaging and machine learning to advance precision medicine"</i>
4:00 PM	Roundtable Discussion Fretland (EQRx), Kareva (EMD Serono), Meyer (Pfizer), Pellerin (Seismic Therapeutic), and Sorger (Harvard Medical School) Moderated by John Burke, PhD, Co-Founder, President and CEO at Applied BioMath
5:00 PM	<i>Closing remarks and poster awards</i> John Burke, PhD, Co-Founder, President and CEO at Applied BioMath
5:15 PM	QSP Summit concludes