



Advances in Drug Discovery & Development

Online Symposium - October 28-29, 2021

Opens: 8am PDT | 11am EDT | 4pm BST | 5pm CEST

Insights into Small Molecule Drug Discovery, Biopharma and Biotechnology

Accessed via mobile, tablet or PC, this inaugural free-to-attend event will provide those working within academia and pharmaceutical development the opportunity to hear from experts within the field. Focus will be given to the latest advances in small molecule drug discovery and development, biopharma and biotechnology.

This online symposium will feature a presentation on October 28th entitled *The Next Generation of Immune Cell Therapies Require a New Generation of Analysis Tools* by Agilent team members Peter Banks, Brandon Lamarche and Natalia Romero.

Agilent Speakers:



Peter Banks, PhD
Scientific Director
BioTek - a part of Agilent



Natalia Romero, PhD
Research & Development Scientist
Cell Analysis Division, Agilent



Brandon Lamarche, PhD
Principal Scientist, Head of xCELLigence Application Development
Cell Analysis Division, Agilent



Day 1 – October 28

Time PDT	Time EDT	Time BST	Session
08:00 – 08:50	11:00 – 11:50	16:00 – 16:50	Keynote: Advances in Drug Delivery <i>Keynote Speaker: Prof. Robert Langer, PhD</i>
08:50 – 09:00	11:50 – 12:00	16:50 – 17:00	Networking Break
09:00 – 09:45	12:00 – 12:45	17:00 – 17:45	The Next Generation of Immune Cell Therapies Require a New Generation of Analysis Tools <i>Speakers: Peter Banks, PhD, Brandon Lamarche, PhD and Jessica Walls, PhD</i>
09:45 – 09:55	12:45 – 12:55	17:45 – 17:55	Networking Break
09:55 – 10:45	12:55 – 13:45	17:55 – 18:45	Targeting Chemokine Receptor CCR2 - From Insurmountable Antagonists to Affinity-based Probes <i>Speaker: Prof. Laura Heitman, PhD</i>
10:45 – 10:55	13:45 – 13:55	18:45 – 18:55	Networking Break
10:55 – 11:15	13:55 – 14:15	18:55 – 19:15	Successful Affinity-Based Lead Identification and Optimization for Challenging Targets and Ligands <i>Speaker: Amit J. Gupta, PhD</i>
11:15 – 11:25	14:15 – 14:25	19:15 – 19:25	Networking Break
11:25 – 12:15	14:25 – 15:15	19:25 – 20:15	Plant-Based Nanoparticles and Biologics: New applications for developing countries <i>Speaker: Kathleen Hefferon, PhD</i>
12:15	15:15	20:15	End of Day 1

Day 2 – October 29

Time PDT	Time EDT	Time BST	Session
08:00 – 08:50	11:00 – 11:50	16:00 – 16:50	Enabling Technologies for Revealing Druggable Paths in RNA Biology <i>Speaker: Amanda Garner, PhD</i>
08:50 – 09:00	11:50 – 12:00	16:50 – 17:00	Networking Break
09:00 – 09:20	12:00 – 12:20	17:00 – 17:20	Key Factors To Accelerate Drug Discovery <i>Speaker: Pei Liu, PhD</i>
09:20 – 09:30	12:20 – 12:30	17:20 – 17:30	Networking Break
09:30 – 09:50	12:30 – 12:50	17:30 – 17:50	Advances in High Throughput Analysis of In-Vitro Drug Screening Using the Novel Echo® MS System <i>Speaker: Rolf Kern</i>
09:50 – 10:00	12:50 – 13:00	17:50 – 18:00	Networking Break
10:00 – 10:50	13:00 – 13:50	18:00 – 18:50	Discovery of Novel Glutamine Antagonist Prodrugs: A story from bench 2 bedside <i>Speaker: Rana Rais, PhD</i>
10:50 – 11:00	13:50 – 14:00	18:50 – 19:00	Networking Break
11:00 – 11:20	14:00 – 14:20	19:00 – 19:20	Automation That Connects Your Drug Discovery Workflow <i>Speaker: Melanie Vig</i>
11:20 – 11:30	14:20 – 14:30	19:20 – 19:30	Networking Break
11:30 – 12:20	14:30 – 15:20	19:30 – 20:20	Targeting RNA Therapeutics to the Lung: Ten years on <i>Speaker: Sterghios A. Moschos, PhD</i>
12:20	15:20	20:20	Event Close