

# Advances in Drug Discovery and Development

World-class presenters and panels, delivered to your desk.



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Date	Time	Track	Presentation Title	Speaker
24-Sep	05:00 - 06:00 AM	Informatics/In silico Design	Algorithmic Drug Design (Prerecorded)	Andrew Hopkins, FRSC Chair of Medicinal Informatics and Professor of Translational Biology, University of Dundee
24-Sep	05:00 - 06:00 AM	Drug Discovery	Exploring macrocycles for drug discovery: Novel lead series for challenging protein- protein interactions	Nick K. Terrett, Ph.D. Chief Scientific Officer, Ensemble Therapeutics
24-Sep	06:00 - 07:00 AM	Drug Development	Attacking Dementias Moving from symptoms to causes the advance of precision medicine	Deborah Dunsire, MD CEO, Forum Pharmaceuticals
24-Sep	06:00 - 07:00 AM	Drug Discovery	Translational Medicine for Rare Disease: Lessons from Duchenne Muscular Dystrophy	Susan Ward, PhD Executive Advisor to Life Sciences, Cure Duchenne
24-Sep	07:00 - 08:00 AM	Drug Discovery	Making molecular prosthetics	Martin Burke , MD, PhD Associate Professor of Chemistry, University of Illinois
24-Sep	08:00 - 09:00 AM	Drug Development	Approaches to antibacterial discovery: New strategies and technologies to address a challenging field	Jennifer Leeds, PhD Executive Director in the Infectious Diseases Area, Novartis Institutes for BioMedical Research
24-Sep	08:00 - 09:00 AM	Cancer	Role of Academic Institutions in Target Selection	Michael A. Foley, Ph.D. Director, Tri-I TDI

24-Sep	09:00 - 10:00 AM	Drug Development	Keynote, The therapeutic discovery landscape: revolution and evolution	Alexander Kamb, Ph.D. Senior Vice President, Research, Amgen
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24-Sep	10:00 - 11:00 AM	Drug Discovery	Keynote, The Promises and Challenges of Next-Generation Therapeutics	Greg Verdine, PhD CEO, Warp Drive Bio, Erving Professor of Chemistry, Harvard University
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24-Sep	11:00 - 12:00 PM	Informatics/In silico Design	Drug Repositioning in the Era of Personalized Medicine	Craig Webb, Ph.D. Chief Scientific Officer, NuMedii
24-Sep	11:00 - 12:00 PM	Drug Development	Structure based Drug Design for G-protein coupled receptors using the StaR(r) technology	Fiona Marshall, PhD Founder and CSO, Heptares Therapeutics
24-Sep	11:45 - 12:45 PM	Panel Discussion	The Business of Biotech	Mandy Jackson, Matthew Herper, Luke Timmerman Mandy Jackson, US West Coast Editor, SCRIP Intelligence Matthew Herper, Senior Editor, Forbes Luke Timmerman, National Biotechnology
24-Sep	12:00 - 01:00 PM	Informatics/In silico Design	Exploiting cell death for drug discovery	Brent Stockwell, PhD Professor, Columbia University, Departments of Biological Sciences and Chemistry
24-Sep	12:00 - 01:00 PM	Technology Development	The Accurate Prediction of Ligand Binding Free Energies	Mark Murcko, Ph.D. Principal at Disruptive Biomedical, LLC, Professor of Practice at MIT & Northwestern
24-Sep	01:00 - 02:00 PM	Informatics/In silico Design	Evolve or die a darwinian-like innovation process for technology	Martin Leach Vice President of R&D IT, Biogen-Idec

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24-Sep	01:00 - 02:00 PM	Drug Discovery	The VCNDD: CNS Drug Discovery in Academia	Craig W. Lindsley, Ph.D. Co-Director and Director of Medicinal Chemistry, Vanderbilt Center for Neuroscience Drug Discovery (VCNDD)
24-Sep	02:00 - 03:00 PM	Informatics/In silico Design	Design of protein structures, functions and assemblies	David Baker, PhD Professor of Biochemistry, University of Washington, Principal Investigator, Howard Hughes Med Ctr
24-Sep	02:00 - 03:00 PM	Drug Development	Development and Applications of CRISPR-Cas9 for Genome Editing	Feng Zhang, Ph.D. Core Member, Broad Institute of MIT and Harvard; Investigator, McGovern Institute for Brain Research; W. M. Keck Career Development Professor in Biomedical Engineering, MIT
24-Sep	02:00 - 03:00 PM	Cancer	Targeting Lysine Acetylation in Cancer	Jay Bradner, MD Instructor in Medicine, Hematologic Neoplasia/Malignancies, Dana Farber Cancer Institute
24-Sep	03:00 - 04:00 PM	Drug Discovery	Site-directed ligand discovery for cryptic sites and other challenging targets	Michelle Arkin, PhD Associate Director of Biology at the Small Molecule Discovery Center, Assistant Adjunct Professor in the Department of Pharmaceutical Chemistry at UCSF