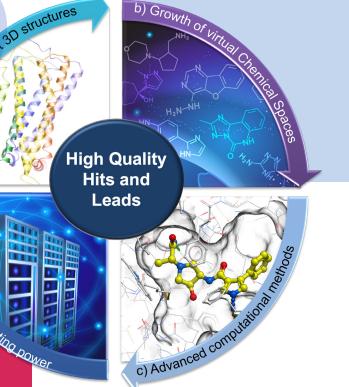
Organized by CNT3D, MESH Strategic Partnerships and Bridge Institute

The 3rd Drug Discovery Innovation Workshop



February 28th, 2025 10am - 5pm

Location:

Michelson Center for Convergent Bioscience 1002 Childs Way, MCB 101/102 Los Angeles, California 90089

PROGRAM

Students and postdocs are invited to present posters on their research related to Drug Discovery and Development - please do not forget to indicate this in the registration form

Check-in and Coffee 9:30 am

Introduction by Dr. Vsevolod Katritch and Dr. Charles McKenna, 10:00 am

CNT3D co-directors

10:10 am **Greetings from Dr. Ishwar Puri,** Senior Vice President, Research and Innovation

and Dr. Stephen Bradforth, Professor of Chemistry and

Executive Vice Dean of USC Dornsife

10:20am - 12:15pm Session 1. New Technologies in Drug Discovery and Development at USC

Chair: Dr. Steve Kay, University and Provost Professor of Neurology, Biomedical Engineering and Biological Sciences, Director of Convergent Bioscience

Dr. Hussein Yassine (USC): Development of Calcium-Dependent Phospholipase 10:20 am

A2Inhibitors to Target Cellular Senescence and Oxidative Stress in

Neurodegenerative Diseases.

Dr. Denis Evseenko(USC): Development of a Clinical-stage Small Molecule Drug 10:45 am

for Osteoarthritis in Academia: Progress Made and Challenges Remaining.

Dr. Neel Patel (NVIDIA): Accelerating Drug Discovery with NVIDIA BioNeMo.

Dr. Eun Ji Chung (USC): Engineering Biomimetic Nanotherapeutics 11:35 am for Gene Therapy.

Dr. Cristina Zavaleta (USC): Development of a New Multiplexed Molecular 11:50 am

Imaging Strategy to Enable Drug Discovery.

Lunch and Poster Session 12:15-1:30 pm

Session 2. Programs and Initiatives in Drug Discovery and Development 1:30 - 3:10 pm

Chair: Dr. Remo Rohs, Professor of Quantitative and Computational Biology, Chemistry, Physics and Astronomy, Computer Science and Medicine

Dr. Michelle Arkin (UCSF): New Targets and New Technologies in 1:30 pm

Academic Drug Discovery

Dr. Susruta Majumdar (WashU): Precise Control of Potency, Efficacy and Bias 2:10 pm

at GPCRs to Design Novel Analgesics.

Dr. R. Michael van Dam (UCLA): High-throughput techniques for 2:40 pm

radiopharmaceutical development.

Industry participants: Amgen, Takeda, Eli Lilly, Gillead, and

other SoCal companies

Discussion Panel 3:10 - 4:00 pm

Lead Dr. Charles McKenna, Professor of Chemistry and Pharmacology and

Pharmaceutical Sciences

Reception 4:00 - 5:00 pm

Please Register at:



Website:

11:10 am

https://dornsife.usc.edu/ bridge-institute/ cnt3d_workshop_2025

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