Organized by CNT3D, MESH Academy and Bridge Institute

Drug Discovery Innovation Workshop

February 23rd, 2024
10am – 5pm

Location:
Michelson Center
For Convergent Bioscience
1002 Childs Way, MCB 101
Los Angeles, California 90089

PRELIMINARY PROGRAM

9:15 am
Registration and Coffee

Greetings from Dr. Ishwar Puri, Senior Vice President, Research and Innovation

10:10 am
Introduction by Dr. Seva Katritch and Dr. Charles McKenna, CNT3D co-directors

10:30 am-12:30 pm Session 1. New Technologies in Drug Discovery Developed at USC Dornsife
Chairs: Dr. Charles McKenna and Dr. Seva Katritch

10:30 am
Stacey Finley, PhD: Systems biology modeling to predict drug effects in the tumor microenvironment

11:10 am
Cornelius Gati, PhD: Cryo-EM for structural pharmacology of the key drug discovery targets

11:10 am
Dmitry Eremin, PhD: Discovering Novel Chemical Tools for Making Pharmaceuticals

11:30 am
Oliver Bell, PhD: Targeting polycomb repressor complex for cancer

11:50 am
Yong (Tiger) Zhang, PhD: Molecular Reprogramming for Novel Drug Discovery

12:10 pm
Erin Overstreet, PhD: Vision for IP Support and Innovation at USC

12:30 – 1:40 pm Lunch and Poster Session

1:40 pm
Greetings from Dr. Stephen Bradford, Senior Advisor to the Dornsife Dean for Research Strategy and Development

1:45 – 3:15 pm Session 2. Programs and Initiatives in Drug Discovery and Development at USC
Chair: Dr. Moh El Naggar, Divisional Dean for Physical Sciences and Mathematics

1:45 pm
Charles Hart, PhD (UCSF Catalyst): TBA, Keynote presentation

2:15 pm
Olexandr Isayev, PhD (CMU): Artificial Intelligence (AI) Solutions for Organic Chemistry and CADD

2:45 pm
Eun Ji Chung, PhD: Nanomedicine Approaches for Enhanced Drug Delivery

3:05 pm
Paul Pearson (AT2Rx): TBA

3:15 – 4:00 pm Discussion Panel
Lead: Dr. Steve Kay, Director of Convergent Biosciences, Co-Director of the USC Norris Center

4:00 – 5:00pm Reception

Please RSVP to attend:
https://usc.qualtrics.com/jfe/form/SV_bmaKDPH7CFP2GyDo

Website:
https://dornsife.usc.edu/CNT3D/

For more info please contact
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