

2024
August 2nd

VANDERBILT INSTITUTE OF CHEMICAL BIOLOGY
STUDENT RESEARCH SYMPOSIUM
VANDERBILT STUDENT LIFE CENTER

MORNING SESSION	
8:30 am - 8:35 am	Welcome Remarks: Gary Sulikowski (Director, Vanderbilt Institute for Chemical Biology)
Oral Session I (Jen Wurm, Chair)	
8:35 am - 8:55 am	Student Flash Talks
8:55 am - 9:00 am	Break
9:00 am - 9:20 am	Maowei Hu, Ph.D. (Daniel Blair Research Group, St. Jude Children's Research Hospital) <i>Continuous collective analysis of chemical reactions</i>
9:20 am - 9:25 am	Break
9:25 am - 10:10 am	Gisele Nishiguchi (Lead Scientist, St. Jude Children's Research Hospital) <i>Targeted Protein Degradation Platform at St. Jude</i>
10:10 am - 10:15 am	Break
Oral Session II (Alexis Pope, Chair)	
10:15am-10:35 am	Student Flash Talks
10:35am-10:40 am	Break
10:40am- 11:00 am	Abigail Rose (Wenhan Zhu Research Group) <i>Rational engineering of an obligate anaerobic bacterium to survive oxygen in the inflamed gut</i>
11:05am- 11:10am	Break
11:10am -11:55 am	Stephen W. Fesik, Ph.D. (Orrin H. Ingram II Chair in Cancer Research; Professor of Biochemistry, Pharmacology, & Chemistry) <i>Cancer Drug Discovery using Fragment-based Methods</i>
LUNCH BREAK 11:55am - 12:45 pm	
11:55am - 12:45 pm	Q & A with Dr. Nomura (RSVP-only event)
AFTERNOON SESSION	
Oral Session III <i>Deerfield & Richard Armstrong Prize for Research Excellence</i> (Molly Sullivan, Chair)	
12:50 pm - 1:35 pm	Christine Brideau (Vice President of Preclinical Pharmacology, Deerfield Discovery and Development) <i>Bridging academic discoveries to commercialization - a Deerfield Drug Discovery & Development (3DC) perspective</i>
1:35 pm - 1:45 pm	Break
1:45 pm - 2:15 pm	Katherine Clowes Moster, Prize Runner Up (Chuck Sanders Research Group) <i>Investigating KCNQ1 Mistrafficking in Long QT Syndrome with High-Throughput Methods</i>
2:15 pm - 2:45 pm	Xiaoyu "Lily" Yu, Prize Winner (Doug Kojetin Research Group) <i>Defining the atypical friendship (activation mechanism) between RXRα and orphan nuclear receptor Nurr1</i>
2:45 pm - 2:50 pm	Break
Oral Session IV <i>Keynote</i> (Crissey Cameron, Chair)	
2:50 pm - 3:50 pm	Dan Nomura, Ph.D. (Professor of Chemical Biology and Molecular Therapeutics, UC Berkeley) <i>Reimagining Druggability using Chemoproteomic Platforms</i>
3:50 pm - 4:00 pm	Break/Transition to reception and poster session
RECEPTION	
4:00 pm - 5:00 pm	Poster session

