

University of Rochester
Chemistry-Biology Interface Retreat
Sponsored by: CBI T32 Training Program & Department of Chemistry
May 30-31, 2024
PROGRAM

Thursday May 30 **University of Rochester, Sloan Auditorium Goergen Hall**

3:00 PM Plenary Lecture: Dr. Joel Schneider (Deputy Director Center for Cancer Research, Chief, Chemical Biology Laboratory, National Cancer Institute, NIH)

Friday May 31 **Staybridge Suites, 1000 Genesee Street**

9:00 AM Poster set-up, coffee and refreshments

9:25 AM Bradley Nilsson (UR Chemistry)
Welcome and Introduction

9:30 AM Dr. Charles Bowerman Lecture (Moderna, Principal Scientist, Commercial Development Readiness)

10:30 AM Career panel discussion
Dr. Joel Schneider (NIH), Dr. Charles Bowerman (Moderna), Dr. Brittany Abraham (IUVO Bioscience), Dr. Jessica Stachowski (Nazareth University)

12:00 PM Lunch- Hot Buffet

12:45 PM Poster Session

1:45 PM Group Picture

2:00 PM Michelle Hendricks, Fasan Group
Design and Development of Stapled Peptides for Targeting Protein-Protein Interactions

2:20 PM Mert Koka, O'Connell Group
The molecular mechanism of activation of membrane pore Csx28 by CRISPR-Cas13

2:40 PM Dasha Rodina, Paradine Group
Catalytic Strategies with Unconventional Ligands for Selective Pd-catalyzed Heteroannulation Reactions

3:00-3.10 Break/Buffer

3:10 PM Alyson March, Benoit Group
Design of experiments approach to screen hydrogel biochemical cues for tissue engineered periosteum applications

3:30 PM Dr. Wesley Chiang, Krauss group
Hybrid Amyloid Quantum Dot Nano-Bio Assemblies to Probe Neuroinflammatory Damage

3:50 PM Concluding Remarks and End of the Retreat

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