

University of Rochester- 2026 Chemical-Biology Interface Retreat
Sponsored by: NIH T32 CBI Training Program & the Department of Chemistry
Agenda for Thursday May 28 and Friday May 29, 2026

Thursday May 28 University of Rochester, Lander Auditorium, Hutchison Hall

4:00 PM Plenary Lecture: Professor David Perrin (University of British Columbia- Vancouver Campus)
"Alpha-amantin- From Total Synthesis to Super-Natural Products and new Therapeutic-Antibody-Drug Conjugates."

Friday May 29 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 Keynote Speaker: Professor David Perrin (University of British Columbia- Vancouver Campus).
"Exploiting synthetic nucleosides to add function to new RNA- cleaving DNazymes and target-specific aptamers in prostate cancer"

10:30 AM Career panel discussion
Professor David Perrin (University of British Columbia- Vancouver Campus), **Professor Sarah EJ Bowman** (Department of Biochemistry, Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, Director National Crystallization Center, UB Hauptman Woodward Institute), **Professor Anne Meyer** (UR Biology Department, Nereid Biosciences), **Dr. Chris Jones** (Nilsson group alumni at Corning)

12:00 PM Lunch- Southwest taco buffet (included)

12:45 PM Poster Session and group picture

1:30 PM Professor Makaia Papasergi-Scott (UR Depts of Biochemistry & Biophysics and Pharmacology & Physiology.
Protein videography: Time-resolved cryo-EM of G protein activation by a GPCR

2:10 PM Alana Huynh, Partridge and Bren groups
Expression of Engineered OmcZ Nanowires

2:30 PM Shruti Ghosh, Nilsson Group
Amino Acid Derived Supramolecular Hydrogels for Biomedical Application

2:50 to 3:00PM Break/Buffer

3:00 PM Liván Borrego, Paradine Group
Oxidative radical cascade cyclization of 1,3-dicarbonyls under copper catalysis

3:20 PM Abhishek Roy, Partridge Group
Developing photoswitchable GTP analogs to control protein assembly

3:50 PM Concluding Remarks and End of the Retreat