

University of Rochester
Chemistry-Biology Interface Retreat
Sponsored by: CBI T32 Training Program & Department of Chemistry
July 25-26, 2019

Thursday July 25 **140 Hutchison Hall, River Campus**

3:30 PM John Schneekloth (National Cancer Institute, NIH)
"Targeting Structurally and Functionally Diverse Nucleic Acids
with Druglike Small Molecules"

Friday July 26 **Staybridge Suites, 1000 Genesee Street**

9:30 AM Poster set-up, coffee and refreshments

9:55 AM Kara Bren (UR Chemistry)
Welcome and Introduction

10:00 AM Mitchell O'Connell (Assistant Professor, UR Biochemistry & Biophysics; Center for RNA Biology)
"Don't Shoot the Messenger: CRISPR Strategies to Target and Detect RNA"

10:30 AM Break

10:45 AM Career panel discussion
John DiMaio (Patent Attorney, Hodgson Russ LLP), Lea Vacca Michel (Associate Professor of Chemistry, Rochester Institute of Technology), John Schneekloth (Investigator, Chemical Biology Laboratory, NIH NCI), Eric Stoutenburg (Chemistry Group Leader, Novomer, Inc.)

11:45 AM Lunch

12:30 PM Poster session

1:30 PM Whasil Lee (Assistant Professor, UR Biomedical Engineering; UR Pharmacology & Physiology)
"The Role of Mechanosensitive Ion Channels in Inflammation"

1:50 PM Shauna Paradine (Assistant Professor, UR Chemistry)
"Building Complex Organic Scaffolds through Selective C-C Bond Forming Reactions"

2:10 PM Break

2:20 PM Shukree Abdul-Rashed (T32 Trainee, Frontier Group, UR Chemistry)
"Halo-Prins-derived Cationic Cascades and Its Application Towards the Total Synthesis of Citridone A"

2:40 PM Clyde Overby (T32 Trainee, Benoit Group, UR Biomedical Engineering)
"The Development of Zwitterionic Anti-fouling Peptide for Nanoparticle Surfaces"

3:00 PM Retreat ends

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