

WINTER 2020

CHEMICAL BIOLOGY/ORGANIC DISCUSSION GROUP

THE UNIVERSITY OF BRITISH COLUMBIA

CHEMICAL BIOLOGY TOPICS

January 23rd

Post-doctoral Speaker

Regulation of Heart Channel Proteins via Stress Signaling

Dr. Omid Haji-Ghassemi

Supervisor: Dr. Filip Van Petegem

Department of Biochemistry & Molecular Biology

The University of British Columbia

February 20th

CDI Invited Speaker

New Tools for Studying the Immunomodulatory Glycan
Polysialic Acid and its Role in Health and Disease

Dr. Lisa Willis

Assistant Professor

Department of Biological Sciences

University of Alberta

March 5th

Invited Speaker

Microfluidics and Artificial Cells for Drug Discovery

Dr. Katherine Elvira

Assistant Professor

Department of Chemistry

University of Victoria

April 2nd

Graduate Speaker

Design and Development of Macromolecular
Polyanion Inhibitors and Their Use as Antithrombotics

Chanel La

Supervisor: Dr. Jayachandran N. Kizhakkedathu

Department of Chemistry & Centre for Blood Research

The University of British Columbia

April 16th

Graduate Speaker

Antibacterial and Antibiofilm Mechanism of Action
for Two Peptide Analogues of Aurein 2.2

Nigare Raheem

Supervisor: Dr. Suzana Straus

Department of Chemistry

The University of British Columbia

ORGANIC TOPICS

January 27th in D200 at 4PM

Invited Speaker

Biocatalysis 101

Dr. Shane Grosser

Process Research and Development

Merck

January 30th

Graduate Speaker

Peptide Stapling by Aromatic Heterocyclization

Mihajlo Todorovic

Supervisor: Dr. David Perrin

Department of Chemistry

The University of British Columbia

February 27th

Graduate Speaker

Leveraging Automation to Elucidate Reaction Mechanisms

Tom Malig

Supervisor: Dr. Jason Hein

Department of Chemistry

The University of British Columbia

March 12th

Graduate Speaker

Synthetic Utility of 3a-Fluoropyrroloindolines and
Synthesis of Amanitin-Based Bioconjugates

Alla Pryyma

Supervisor: Dr. David Perrin

Department of Chemistry

The University of British Columbia

March 19th

Invited Graduate Speaker

Automated and Democratized Synthesis at the Molecule
Maker Lab

Nicholas Angello

Supervisor: Dr. Martin Burke

Department of Chemistry

University of Illinois

All events will be held in D300 (2036 Main Mall).

The speaker will begin promptly at 6:30 pm.

All are welcome to come after 6:15 pm for refreshments.

Inquiries? Email cbdg@chem.ubc.ca or odg@chem.ubc.ca