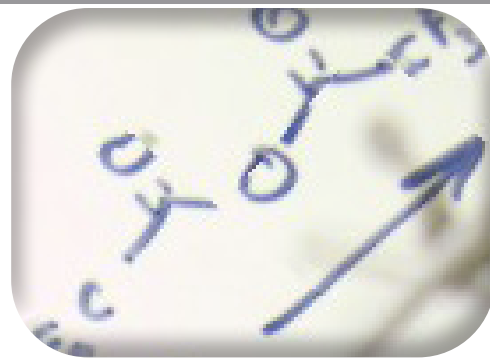

Chemical Biology Seminars Week of Nov. 15, 2020



This seminar list is also posted at <http://www.chembio.umn.edu>.

Sponsored by: **Department of Medicinal Chemistry**

Upcoming Events

- **January 13, 2021**, "11th Annual College of Pharmacy Duluth Talent Show", 6pm via zoom, link TBA

Monday, November 16

Lauren M. Aufdembrink, Junior Scientist (Advisor: Aaron Engelhart)

Dept. Integrative Biology and Physiology, University of Minnesota

TBA

12pm, Zoom Webcast (MCDB&G Student Seminar)

<https://umn-private.zoom.us/j/99422018663?pwd=MVkwM2ZTSUQRNXFOk0hM1JZQ1gwdz09>

Brian Evavold, Professor

Dept. Pathology, University of Utah

Triggering T cells: Catch Antigen if You Can

12:15pm, Zoom Webcast (MICA Seminar)

<https://umn-private.zoom.us/j/95881136465?pwd=R3FJYSthV3F0NWWuWIFESVVSIZBQT09>

Sarah Kostick, PhD Candidate

College of Food, Agricultural and Natural Resource Sciences, University of Minnesota

TBA

3pm, Zoom Webcast (PhD Defense Seminar)

<https://wsu.zoom.us/j/92062900792?pwd=ZFBtWGVpK0NIOHZWVEFJOUNrS2ExQT09>

Dorothy Kirsch, Graduate Student (Advisor: C. Hirsch)

Dept. Agronomy and Plant Genetics, University of Minnesota

Use of High throughput Phenotypic Tools for Evaluating the Interaction between Plants and their Environment

3:30pm, Zoom Webcast (APS Seminar)

<https://umn.zoom.us/j/91958863640?pwd=eXMyaWJ3N2hLT2o3a2JMUVR1dHAvZz09>

Passcode: SZ022=

Tuesday, November 17

Julie Ha Thi Dang, Executive Director of Community Engagement and Outreach

UC Davis Comprehensive Cancer Center, University of California Davis

Understanding and Addressing Liver Cancer Disparities in Asian American Communities: A Community-Based Research Approach

9am, Zoom Webcast (Masonic Cancer Center Seminar)

<https://umn-private.zoom.us/j/98692713230>

Christopher L. Warkentin, Graduate Student (Advisor: Renee R. Frontiera)

Dept. Chemistry, University of Minnesota

Surface-Enhanced Raman Spectroscopy for Characterization of Plasmon-Mediated Reactions

9:30am, Zoom Webcast (Chemistry Seminar)

<https://umn.zoom.us/j/99597043402>

Brianna A. Collins, Graduate Student (Advisor: Jason Goodpaster)

Dept. Chemistry, University of Minnesota

Organometallic Reactivity of Nickel Complexes Bearing PAIP Pincer-Type Ligands

10am, Zoom Webcast (Chemistry Seminar)

<https://umn.zoom.us/j/99597043402>

Siriluk Kanchanakungwankul, Graduate Student (Advisor: Donald Truhlar)

Dept. Chemistry, University of Minnesota

Reduction of Cu(II) to Cu(0) Supported on Metal-Organic Framework NU-1000

10:30am, Zoom Webcast (Chemistry Seminar)

<https://umn.zoom.us/j/99597043402>

Yanjun Chen, Graduate Student
Dept. Pharmacology, University of Minnesota
Regulation of APOBEC-Catalyzed DNA Mutagenesis
12:15pm, Zoom Webcast (Pharmacology Seminar)
<https://umn-private.zoom.us/j/93049871464?pwd=ZUNHZCtXL0JQWWsvZzRtRnJ6cEp4QT09>
Passcode: Zh@1m&

Haichang (Shirley) Luo, Graduate Student
Dept. Pharmacology, University of Minnesota
Role of Inhibitory G Protein Signaling in Alzheimer's Disease
12:15pm, Zoom Webcast (Pharmacology Seminar)
<https://umn-private.zoom.us/j/93049871464?pwd=ZUNHZCtXL0JQWWsvZzRtRnJ6cEp4QT09>
Passcode: Zh@1m&

Jonas Alvarez, Graduate Student
Dept. Biochemistry, Molecular Biology and Biophysics, University of Minnesota
TBA
12:20pm, Zoom Webcast (BMBB Student Seminar)
<https://umn.zoom.us/j/99939480808?pwd=T0dWTFFFKWlIRVlrSEZISG1ld3gxZz09>

Carston R. Wagner, Professor and Endowed Chair
Dept. Medicinal Chemistry, University of Minnesota
Tuning Cell-Cell Interactions with Chemically Self-Assembled Nanorings for Cancer Immunotherapy
3pm, Zoom Webcast (Pharmaceutics Seminar)
Email kmjames@umn.edu to request a Zoom join link

Jill Mikucki, Associate Professor
Dept. Microbiology, University of Tennessee
TBA
3pm, Zoom Webcast (PBS Seminar)
z.umn.edu/pmb-2020-fall-seminars

Kayla Vinh, Graduate Student (Advisor: Will Pomerantz)
Dept. Medicinal Chemistry, University of Minnesota
Targeting the CGRP Receptor for the Acute Treatment of Migraines: A Structure-based Drug Discovery Approach
3:30pm, Zoom Webcast (Medicinal Chemistry Seminar)
<https://umn-private.zoom.us/j/91560938295>
Passcode: MedChem-1

Wednesday, November 18

Roman Tyshynsky, Graduate Student (Advisors: Lucy Vulchanova and John Osborn, Jr.)
Dept. Neuroscience, University of Minnesota
Periglomerular Afferent Fibers in the Renal Cortex
12pm, Zoom Webcast (GPN Seminar)
Email umn.gpn@gmail.com

Laura Stone, Professor
Dept. Anesthesiology, University of Minnesota
Low Back Pain and Epigenetics: From the Periphery to the CNS
12pm, Zoom Webcast (GPN Seminar)
Email umn.gpn@gmail.com

Emma Mohr, Assistant Professor
Dept. Pediatrics, University of Wisconsin - Madison
Improving Outcomes in Congenital Zika Virus Infections
12pm, Zoom Webcast (Jamie McNew Endowed Memorial Lecture in CMV Research & Education)
<https://umn-private.zoom.us/j/95114846934?pwd=Q2MrNTQvQ01TT1pzbDh1VjJlU1FvZz09>

Alessandro Magli, Assistant Professor
Dept. Medicine, University of Minnesota
Delineating the Blueprint for Trunk Skeletal Myogenesis
12pm, Zoom Webcast (LHI Seminar)
z.umn.edu/lhi-webcast

Yingbo Huang, Graduate Student (Advisor: S. Huang)
Dept. Experimental and Clinical Pharmacology, University of Minnesota
Sex Differences in the Human Liver Transcriptome
12:20pm, Zoom Webcast (ECP Seminar)
<https://umn-private.zoom.us/j/93402234795?pwd=L2x0dkpYSnQ1NnQzckZRUnJkeGRPdz09>

Jayshree Seth, Corporate Scientist at 3M, and **Robert Livingston**, Social Psychologist

TBA

2pm, Zoom Webcast (Sieur du Lhut Creativity Conference)
z.umn.edu/SDL2020

Catherine Early, Barbara Brown Chair of Ornithology
Science Museum of Minnesota

TBA

3:30pm, Zoom Webcast (EEB Seminar)
<https://z.umn.edu/EEB-2020-FALL-SEMINARS>

Joseph Bauer, Assistant Professor

College of Agricultural Sciences and Natural Resources, University of Nebraska-Lincoln

Exploration of Cognitive and Neural Processes Used by Undergraduate Biology Students during Modeling Tasks

3:30pm, Zoom Webcast (BTL Seminar)

<https://umn.zoom.us/j/92501807536?pwd=NG1kQy9XSWRHTXE4YWgwS0pGYk5HUT09>

Satoshi Morita, Professor

Dept. Biomedical Statistics and Bioinformatics, Kyoto University Graduate School of Medicine; Institute for Advancement of Clinical and Translational Science, Kyoto University Hospital

Bayesian Population Finding in a Randomized Clinical Trial

3:30pm, Zoom Webcast (Division of Biostatistics Seminar)

Register at <https://umn.zoom.us/meeting/register/tJAlcOyuqz0sHdwJSjmfFk7OswlFyuBkCN1K>

Andrew Grande, Associate Professor and Co-director

Dept. Neurosurgery, University of Minnesota

TBA

3:30pm, Zoom Webcast (BME Seminar)

<https://umn.zoom.us/j/93977796730>

David Odde, Professor

Dept. Biomedical Engineering, University of Minnesota

Cell Traction and Migration in Response to Environmental Mechanical Stiffness

4pm, Zoom Webcast (Stem Cell Institute Seminar)

<https://umn-private.zoom.us/j/91725294309>

Thursday, November 19

Bach T. Nguyen, Graduate Student (Advisor: Jiali Gao)

Dept. Chemistry, University of Minnesota

In Silico Investigation of Solution Phase Decarboxylation Mechanism for 5-Carboxyluracil

9:30am, Zoom Webcast (Chemistry Seminar)

<https://umn.zoom.us/j/99597043402>

Yangzesheng Sun, Graduate Student (Advisor: J. Ilja Siepmann)

Dept. Chemistry, University of Minnesota

Machine Learning and Neural Networks for Modeling the Adsorption Equilibria in Nanoporous Materials

10am, Zoom Webcast (Chemistry Seminar)

<https://umn.zoom.us/j/99597043402>

ACS Virtual Postdoc Symposium

10am, Zoom Webcast (ACS Symposium)

Register at www.acs.org/postdocsymposium

Li-Chun Tu, Assistant Professor

Wexner Medical Center, The Ohio State University

Real-time Dynamics of Human Chromatin during the Cell Cycle

11:15am, Zoom Webcast (Biophysics Seminar)

<https://umn.zoom.us/j/98919336829?pwd=MXk5L3U2U3gxdU82c3I0ZXBMemFCQT09>

Breanne Byiers, Research Assistant Professor

College of Education and Human Development, University of Minnesota

Development of Outcome Measures for Neurodevelopmental Genetic Syndromes

12pm, Zoom Webcast (CODR Seminar)

<https://umn-private.zoom.us/j/96629216638?pwd=bWZSV042bk1xenZINGU1N3hhcGdHQT09>

Noah Gavil, Graduate Student (Advisor: Dave Masopust)

Microbiology Immunology, and Cancer Biology Program, University of Minnesota

TBA

12pm, Zoom Webcast (MICaB Seminar)

<https://umn-private.zoom.us/j/99881533315?pwd=VzhUYjJPTVY2R0JDVkJ9ISDJYMBVBJQT09>

Noah Weisleder, Professor
Dept. Physiology and Cell Biology, The Ohio State University
TBA
12pm, Zoom Webcast (IBP Seminar)
<https://z.umn.edu/IBPSeminarSeries>

Anne C. Ferguson-Smith, Department Head and Arthur Balfour Professor
Dept. Genetics, University of Cambridge, United Kingdom
TBA
12pm, Zoom Webcast (GCD Seminar)
<https://umn.zoom.us/j/91586978322?pwd=cVAxUDI3cWoxdisxVFp4aThaRjF5UT09>

Ivan Alekseichuk, Research Scientist
Dept. Biomedical Engineering, University of Minnesota
TBA
1pm, Zoom Webcast (CNE Seminar)
<https://umn.zoom.us/j/92243700017>

Sadat Navabi Ghamsari, Graduate Student
Dept. Biomedical Engineering, University of Minnesota
Non-invasive Neuromodulation using Enhanced Upconversion Nanoparticles
1pm, Zoom Webcast (CNE Seminar)
<https://umn.zoom.us/j/92243700017>

Jeffrey Bishop, Associate Professor
Dept. Experimental and Clinical Pharmacology, University of Minnesota
Epigenetics of PTSD Treatment Response
3pm, Zoom Webcast (Epigenetics Consortium Seminar)
<https://umn-private.zoom.us/j/93933709061?pwd=QTF5OThDWURXamRnenl3Y2tiWUdqUT09>

Shanteri Singh, Assistant Professor
Dept. Chemistry and Biochemistry, The University of Oklahoma
Utilizing aromatic prenyltransferases for the late-stage modification of natural products
3:30pm, Zoom Webcast (BTI Seminar)
https://z.umn.edu/BTI_seminar

Hai Dang Nguyen, Assistant Professor
Dept. Pharmacology, University of Minnesota
Uncovering the Impact of RNA Splicing Factor Mutations in Cancers
5pm, Zoom Webcast (Bioinformatics and Computational Biology Colloquium)
<https://umn-private.zoom.us/meeting/register/tJUqc-ivpzgtGNGO6zXkGvWnAz-nR7ZKWK-O>

Friday, November 20

Wendy Gordon, Associate Professor
Dept. Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
How Cells Communicate with the Microenvironment via Proteolysis and Mechanical Forces
10am, Zoom Webcast (Pharmacology Seminar)
<https://umn-private.zoom.us/j/98905621800?pwd=enZPYUF5RzgvVmU3ekdDMkZTd244dz09>
Passcode: &HC1P1

Sefani Thomas, Assistant Professor
Dept. Laboratory Medicine and Pathology, University of Minnesota
Mass Spectrometry-based Assays for Cancer Biomarker Discovery and Treatment
10:30am, Zoom Webcast (Pharmacology Seminar)
<https://umn-private.zoom.us/j/98905621800?pwd=enZPYUF5RzgvVmU3ekdDMkZTd244dz09>
Passcode: &HC1P1

Chris Frenier, HSRP&A Doctoral Candidate
Div. Health Policy & Management, University of Minnesota
The Effect of Plan Switching on Access and Quality of Care in Medicaid
11:30am, Zoom Webcast (HPM Seminar)
Register at <https://docs.google.com/forms/d/e/1FAIpQLSdyDL0Fy73eivxcp6cFI7HGh6dcHxUHpDnGgpQ7VfG3chWSWw/view-form>

David Hildebrand, Postdoctoral Associate
Laboratory of Neural Systems, The Rockefeller University
Developing Calcium Imaging Approaches for the Characterization of Marmoset Face Patches
2pm, Zoom Webcast (MDT on Optical Imaging and Brain Science Webinar)
<https://umn-private.zoom.us/j/99287016940?pwd=bnV4UWp1MVZGRGRLMGJxaThEWkx1UT09>

Marcus Flowers, PhD Candidate (Ogle Lab)
Dept. Biomedical Engineering, University of Minnesota
TBA
2pm, Zoom Webcast (SCI Journal Club Seminar)
<https://umn-private.zoom.us/j/97854403511>