Chemical Biology Seminars
Week of Mar. 21, 2021

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

Sponsored by: Department of Medicinal Chemistry

Upcoming Events

- April 12-16, 2021 – “2021 IEM Innovation Week”, seven events. For more details go to https://www.iem.umn.edu/iem-innovation-week-2021

- May 26, 2021 – “2021 Chemical Biology Interface Training Grant (CBITG) Symposium”. Details to come.

Monday, March 22

Mandy Ford, Professor
Dept. Surgery, Emory University School of Medicine
Cell-Autonomous Role of FcγRIIB in Regulating CD8+ T Cell Immunity
12pm, Zoom Webcast (MICaB Seminar Series)
https://umnprivate.zoom.us/j/95881136465?pwd=R3FJYSltHV3F0NWVuWIFESVVSIZBQT09
Meeting ID: 958 8113 6465
Passcode: 5G+FxN

Andrew Lemmex, Graduate Student (Advisors: Wendy Gordon & Kate Adamala)
College of Biological Sciences, University of Minnesota
TBA
12pm, Zoom Webcast (MCDB&G Student Seminar)
https://umn.zoom.us/j/94553134165?pwd=Uj9ha2l3c3RSHHZCTWpKcVNHU3dwQT09

Zoë Maxwell, Graduate Student (Advisor: Edgar Arriaga)
Dept. Chemistry, University of Minnesota
Novel Mass Cytometry Method to Quantify Cellular Changes in Prenylation
12:15pm, Zoom Webcast (CBC/CBITG Seminar)
https://umn-private.zoom.us/j/95321248442?pwd=Q2YwK0Z0QSs3Yll4aDRhZFRpN2VQZz09

Andrew Northwick, Graduate Student (Advisor: Erin Carlson)
Dept. Chemistry, University of Minnesota
Synthesis of a Photo-Crosslinking Probe to Capture Biomolecular Coronas
12:15pm, Zoom Webcast (CBC/CBITG Seminar)
https://umn-private.zoom.us/j/95321248442?pwd=Q2YwK0Z0QSs3Yll4aDRhZFRpN2VQZz09

Liesl Bower-Jernigan, Graduate Students (Advisor: N. Anderson)
Dept. Agronomy and Plant Genetics, University of Minnesota
Effects of Photoperiod and Saline on Flower Induction in the Chrysanthemum Arcticum Complex
3:30pm, Zoom Webcast (APS Seminar Series)
https://umn.zoom.us/j/97405536628?pwd=d3UxUnh1eUtnUmIhUzh4YUtiaDdIUT09
Passcode: qXx9H4

Tuesday, March 23

Benjamin Hackel, Associate Professor
Dept. Chemical Engineering and Materials Science, University of Minnesota
TBA
9am, Zoom Webcast (Masonic Cancer Center Seminar)
https://umn-private.zoom.us/j/98692713230

Maiken H. Mikkelsen, James N. and Elizabeth H. Barton Associate Professor
Dept. Electrical and Computer Engineering, Duke University
Extreme Photonics with Nanogap Cavities
1:25pm, Zoom Webcast (CEMS Seminar Series)
Email cemsdept@umn.edu for link.
Shanley Roach, Graduate Student
Dept. Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
TBA
3pm, Zoom Webcast (BMBB Student Seminar)
https://umn.zoom.us/j/98718155190?pwd=SHJiZHVTUnR0WFZDaVNuR1VySGE0dz09

Hans-Peter Grossart, Professor
Dept. Experimental Limnology, Leibniz Institute of Freshwater Ecology and Inland Fisheries
TBA
3pm, Zoom Webcast (PMB Seminar)
https://umn.zoom.us/j/94365560500

Akhilesh Bambhani, PhD, Senior Principal Scientist
Drug Product Development and New Technology, Merck & Co., West Point, Pennsylvania
Enabling Technologies for Manufacturing Thermostable & Cost-Effective Biopharmaceuticals: Value Creation through Innovation
3pm, Zoom Webcast (Pharmaceutics Seminar Series)
Email kmjames@umn.edu to request a meeting link

Michael Walters, Research Associate Professor, & Director of Lead and Probe Discovery Core
Institute for Therapeutics Discovery and Development, University of Minnesota
A Tale of Two Cysteines
3:35pm, Zoom Webcast (Medicinal Chemistry Seminar Series)
https://umn-private.zoom.us/j/91560938295

Wednesday, March 24

Sunny Chan, Assistant Professor
Dept. Pediatrics, University of Minnesota
When Life Gives You Teratomas, Make Skeletal Myogenic Progenitors
12pm, Zoom Webcast (LHI Seminar)
https://z.umn.edu/lhi-webcast

Hinh Ly, Professor and Director of Graduate Studies
Dept. Veterinary and Biomedical Sciences, University of Minnesota
There and Back Again: An Unexpected Journey
12pm, Zoom Webcast (IMV Education & Career Development Webinar)
https://umn-private.zoom.us/j/302651112

Mu'taz Jaber, Graduate Student (Advisor: Richard Brundage)
Dept. Experimental and Clinical Pharmacology, University of Minnesota
Application of deep neural networks in pharmacokinetic analyses
12:20pm, Zoom Webcast (ECP Seminar)
https://umn-private.zoom.us/j/98692707981?pwd=NWl1MDQveFpqRVgrd1dUWWVBYlqdz09

Damien Fair, Professor
Dept. Pediatrics, University of Minnesota Medical School
Developmental Cognitive Neuroscience in the Era of Big Data: Approaches to mapping individual connectomes
3:30pm, Zoom Webcast (Biomedical Sciences Seminar)
https://umn-private.zoom.us/j/92573072833?pwd=OWQ2VHVhOFZE&pwd=OWQ2VHVhOFZE&pwd=OWQ2VHVhOFZE

Lin Chen, Associate Professor of Biostatistics
Dept. Public Health Sciences, University of Chicago
Integrating Multi-tissue Multi-omics QTL with GWAS Summary Statistics for Elucidation of the Dynamic Molecular Mechanisms Underlying Disease Genetics
3:30pm, Zoom Webcast (Division of Biostatistics Seminar Series)
Register at https://umn.zoom.us/meeting/register/tJAqc-yoqzMtHNYK9R666KBNDF2KMY7iExg_r

Gordon Keller, Professor
Dept. Medical Biophysics, University of Toronto
Modeling human development with pluripotent stem cells
4pm, Zoom Webcast (SCI Seminar Series)
https://umn-private.zoom.us/j/91725294309

Lynn Kamerlin, Professor of Structural Biology
Dept. Chemistry, Uppsala University
Harnessing Conformational Dynamics to Engineer New Enzymes
4pm, Zoom Webcast (BMBB Seminar Series)
https://umn.zoom.us/j/98718155190?pwd=SHJiZHVTUnR0WFZDaVNuR1VySGE0dz09
Thursday, March 25

Danielle Schultz, Associate Principal Scientist
Discovery Process Chemistry, Merck

*Utilizing high-throughput experimentation to catalyze diverse chemistry and collaborations within and outside of Merck*

9:45am, Zoom Webcast (Chemistry Department Seminar Series)
https://umn.zoom.us/j/91483181596?pwd=MG9hQ2dUZ1JtTWJ6K29ndmRDZ3JRUT09

Joan Taylor, Professor and Vice Chair for Research
Dept. Pathology, University of North Carolina School of Medicine

*TBA*

12pm, Zoom Webcast (IBP Seminar Series)
https://z.umn.edu/IBPSeminarSeries

Jake Hildebrand, Graduate Student (Advisor: Sara Hamilton Hart)
Microbiology, Immunology, and Cancer Biology (MICaB) graduate program, University of Minnesota

*Preventing immunopathology during severe malaria infections*

12pm, Zoom Webcast (MICaB Student Seminar Series)
https://umn-private.zoom.us/j/99881533315?pwd=VzhUYjJPTVY2R0JDVtk9ISDJYMVBQjQT09

Stephen Schondelmeyer, Professor
Dept. Pharmaceutical Care & Health Systems, University of Minnesota

*The Resilient Drug Supply Project*

3:30pm, Zoom Webcast (SAPh Seminar Series)
https://umn-private.zoom.us/j/5176091414

David Demmer, Wetland Specialist
MN Board of Water and Soil Resources

*Science First, Policy Later- My Journey from a Field Geologist to a Natural Resource Manager*

4pm, Zoom Webcast (Seminar Series)
Email cgallup@d.umn.edu to request a meeting link

Friday, March 26

Charles France, Robert A. Welch Distinguished University Chair
Dept. Chemistry, Long School of Medicine, UT Health, San Antonio

*Methocinnamox: A New Tool for Treating Opioid Use Disorder and Overdose*

10am, Zoom Webcast (Pharmacology Seminar Series)
https://umn-private.zoom.us/j/97681380641?pwd=VFVIRytkaFZlWjJ5QlnR1FoTkndz09

Raymond Pierotti, Professor
Dept. Ecology & Evolutionary Biology, University of Kansas

*Applying Indigenous knowledge to improve Ecological Insights and Wildlife Management*

3pm, Zoom Webcast (SCSE Seminar Series)
https://z.umn.edu/scsefriday

Chioma Nwachuku, Master’s Student (Advisors: Erin Sheets & Ahmed Heikal)
Dept. Chemistry & Biochemistry, University of Minnesota Duluth

*Hetero-FRET Sensors in Vitro*

3pm, Zoom Webcast (UMD Chemistry & Biochemistry Seminar Series)
https://umn.zoom.us/j/94277233342?pwd=VGZkMnF1QmNyY3RFFJelcvdUtSemJqZz09

Althea Amaris, Master’s Student (Advisor: Anne Hinderliter)
Dept. Chemistry & Biochemistry, University of Minnesota Duluth

*Hetero-FRET Sensors in Vitro*

3pm, Zoom Webcast (UMD Chemistry & Biochemistry Seminar Series)
https://umn.zoom.us/j/97595100518