Chemical Biology Seminars
Week of Sept. 23, 2018

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

Sponsored by: Department of Medicinal Chemistry

Upcoming Events

- September 24, “2018 Institute for Engineering in Medicine (IEM) Annual Conference and Retreat”, McNamara Alumni Center, University of Minnesota.


- October 11-12, “Mayo UMN Biosensing and Nanotechnology Symposium”, DoubleTree by Hilton Hotel, Rochester, Minnesota.

- March 1, 2019, “Rare Disease Day 2019”, 11:00am-2:30pm, The Graduate Hotel, Minneapolis, Minnesota.

- May 6, 2019, “4th Annual Wallin Neuroscience Discovery Day: Plenary Speaker: Dr. Huda Yahya Zoghbi”, 11:00am-4:00pm, Memorial Hall, McNamara Alumni Center, University of Minnesota.

Monday, September 24

Andrea Schietinger, PhD, Assistant Member
Program of Immunology, Memorial Sloan Kettering Cancer Center, New York, NY

Molecular Programs Defining Tumor-specific T Cell Differentiation and Dysfunction
12:00pm, 1-125 CCRB (MICaB Seminar)

Xueyang Pan, Graduate Student
Dept. Genetics, Cell Biology and Development, University of Minnesota

Autophagy Mediates Developmental Timing Control by Regulating Cholesterol Trafficking in Drosophila Melanogaster
12:15pm, 2-137 Jackson Hall (GCD Seminar)

Wei Xiong, PhD, Assistant Professor
Dept. Chemistry and Biochemistry, University of California, San Diego

Ultrafast Nonlinear IR Spectroscopy for Exotic Molecular Materials
4:00pm, 331 Smith Hall (Chemistry Special Seminar)

Tuesday, September 25

Scott Dehm, PhD, Associate Professor and Apogee Enterprises Chair
Dept. Laboratory Medicine and Pathology, University of Minnesota

Role of Androgen Receptor and Androgen Receptor Variants in Prostate Cancer
9:00am, 1-125 CCRB (TC)/112-SMed (Duluth) (MCC Seminar)

Dongping Zhong, PhD, Professor
Dept. Chemistry and Biochemistry, Ohio State University

Dynamics and Mechanisms of UV-Preventing Biological Photomachines
9:45am, 331 Smith Hall (Chemistry Bryce L. Crawford Memorial Lecture)

Jessie Oslowski, Clinical Research Support Center Manager
Clinical Research Support Center, University of Minnesota

A Collaborative, Team-based Approach to Assist Researchers and Study Teams with Clinical Research Study Start-up Processes
10:30am, Rm 105, 717 Delaware St. (CRSC/CTSI Seminar)
Eric H. Gilliam, PharmD, Assistant Professor
Dept. Clinical Pharmacy, University of Colorado, Anschutz Medical Campus

**Will “APPE-Readiness” Require More IPPE Training for Students?**
12:15pm, 7-193 WDH (TC)/160 LSci (Duluth) (CoP Clinical Seminar)

Andrew Rajczewski & Casey Eddington, Graduate Students
Dept. Biochemistry, Molecular Biology, and Biophysics, University of Minnesota

**TBA**
12:20pm, 2-137 Jackson Hall (BBMB Student Research Seminar)

Gihan Gunaratne, PhD Candidate
Dept. Pharmacology, University of Minnesota

**Characterization and Modulation of NAADP-dependent of Ca2+ Signaling Events Supporting Middle East Respiratory Syndrome Coronavirus Cell Entry**
1:15pm, 2-620 Moos Tower (Pharmacology Thesis Defense Seminar)

Patrick M. Woodward, PhD, Professor
Dept. Chemistry and Biochemistry, Ohio State University

**Halide Double Perovskites: The Search for Environmentally Benign Solution Processable Semiconductors and Phosphors**
1:25pm, B-75 Amundson Hall (CEMS Seminar)

Kelsey Pflepsen, Graduate Student
Dept. Pharmaceutics, University of Minnesota

**Impact of Age on Biodistribution of AAV5 Particles**
3:00pm, 5-125 Moos Tower (Pharmaceutics Seminar)

Tanja Phyäjärvi, PhD, Academy Research Fellow
Dept. Ecology and Genetics, University of Oulu

**All the Flowers of Tomorrow are in the Seeds of Yesterday – Evolutionary Consequences of Conifer Haploid Stage Life**
3:30pm, 105 Cargill (PMB Seminar)

Samantha Kennelly, Graduate Student
Dept. Medicinal Chemistry, University of Minnesota

**The Development and Usage of Fluorescent Probes for Surgical Tumor Removal**
3:30pm, 1-451 Moos Tower (Medicinal Chemistry Student Seminar)

**Wednesday, September 26**

Susan Marino, PhD, Associate Professor and Director
Dept. Experimental and Clinical Pharmacology, University of Minnesota

**Neuropharmacology Research Presentation**
12:20pm, 1-451 Moos Tower (ECP Seminar)

Scott Sponheim & Alik Widge, GPN Faculty Candidates
Dept. Psychiatry, University of Minnesota

**Visual Perception and Schizophrenia; Engineering Brain Circuit Connectivity: Brain Stimulation for Severe Mental Illness**
12:30pm, 2-101 NHH (GPN Seminar)

Chris Filstrup, PhD, Research Associate
Swenson College of Science and Engineering, University of Minnesota, Duluth

**Biodiversity—Ecosystem Functioning Relationships in Lakes: The Importance of Phytoplankton Evenness and Community Turnover**
3:30pm, 335 Borlaug Hall (EEB Seminars)

Diana R. Cochran, PhD, Assistant Professor
Dept. Horticulture, Iowa State University

**Alternative Crops for Adverse Environments: Hops and Peaches**
3:30pm, 310 Alderman Hall (Horticulture Seminars)
**Toshifumi Yokota**, PhD, Associate Professor  
Dept. Medical Genetics, University of Alberta  
**Targeting RNA for the Treatment of Muscular Dystrophy**  
4:00pm, 1-110 MTRF (SCI Seminar)

**Thursday, September 27**

**John S. Blanchard**, PhD, Professor  
Dept. Biochemistry, Albert Einstein College of Medicine  
**Probing Bacterial Antibiotic Resistance: Failing to Achieve Irrelevance**  
9:45am, 331 Smith Hall (Chemistry Sigma-Aldrich Seminar)

**Keehun Kim**, Graduate Student  
Dept. Genetics, Cell Biology, and Development, University of Minnesota  
**A Cell-Free FRET-based Assay for Profiling the Intrinsic Efficacy of GPCR Ligands**  
10:10am, 120 PAN (Biophysics Seminar)

**Kyle Costa**, PhD, MiCaB Graduate Faculty Candidate  
Dept. Plant and Microbial Biology, University of Minnesota  
**Metabolic Versatility of Methanogenic Archaea**  
12:00pm, 2-102 CMRR (MiCaB Seminar)

**Anne Villeneuve**, PhD, Professor  
Dept. Genetics and Developmental Biology, Stanford University  
**Architecture and Dynamics of Meiotic Chromosome Structures and Recombination Sites**  
12:15pm, 2-137 Jackson Hall (GCD Seminar)

**Ben Roller**, PhD, Postdoctoral Fellow  
Center for Adaptation to a Changing Environment, ETH Zürich  
**Resource Availability and Bacterial Reproduction across Individual and Evolutionary Scales**  
3:30pm, 239 Gortner Lab (BTI Seminar)

**Friday, September 28**

**M. Kumi Smith**, PhD, MPIA, Assistant Professor  
Division of Epidemiology & Community Health, University of Minnesota  
**Positive Incentices: A Novel Pay-for-Performance Intervention to Improve Syphilis Screening in Chinese STD Clinics**  
10:00am, 364 West Bank Office Building (EpiCH Seminar)

**Alicia Izquierdo**, PhD, Associate Professor  
Dept. Psychology, University of California, Los Angeles  
**Cortical Mechanisms of Learning Value: Changes in Drug Withdrawal**  
11:45am, 2-101 NHH (Neuroscience Seminar)

**Frank Jaskulke** and **Mary Buschette**  
VP of Intelligence at The Medical Alley Association  Direction of Alumni and Constituent Relations at CFANS Networking  
**How to Develop Rewarding Professional Relationships**  
12:00pm, 4-101 NHH (MicrobeTech/BTI Seminars)

**Matthew S. Sigman**, PhD, Peter J. Christine S. Stang Presidential Endowed Chair of Chemistry  
Dept. Chemistry, University of Utah  
**Developing Modern Physical Organic Analysis Tools for Synthesis, Catalysis, and Energy**  
4:00pm, 331 Smith Hall (Chemistry Student Seminar)