Chemical Biology Seminars
Week of Mar. 31, 2019

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

Sponsored by: Department of Medicinal Chemistry

Upcoming Events

• April 15-18, 2019, “Design of Medical Devices Conference 2019”, The Graduate Hotel, Minneapolis, Minnesota and McNamara Alumni Center.

• 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.

• May 22, 2019, “Annual Chemistry-Biology Interface Training Grant Symposium”, 8:00am- 4:30pm, Tate Hall, University of Minnesota. RSVP and Submit Poster Abstracts by May 17 at cbitg.chem.umn.edu/symposium.

Monday, April 1

David Walk, Professor
Dept. of Neurobiology, University of Minnesota
Magnetics Resonance Biomarkers in ALS
9:30am, MTRF (CODR Seminar)

Vanessa Sperandio, Professor
Dept. of Microbiology, University of Texas Southwestern
You’re Hot and you’re Cold: Neurotransmitters Modulation of Bacterial Virulence Expression
12p, 1-125 CCRB (MiCaB Seminar Series)

Afonso C. Silva, Professor
Dept. of Neurobiology, Brain Institute, University of Pittsburgh
Two-Photon Imaging of Neuroactivity and Cerebral Hemodynamics with Single Cell/Single Vessel Resolution in Transgenic Marmosets
12p, 2-102 CMRR (Optical Imaging & Brain Science Medical Discovery Team Seminar)

Kanut Laoharawee, Graduate Student (Moriarity Lab)
Dept. of Genetics, Cell Biology, and Development, University of Minnesota
Human Primary Monocyte and B-Cell Genome Engineering
12:15pm, 2-101 NHH (GCD Student Seminar)

Nada Boustany, Associate Professor
Dept. of Biomedical Engineering, Rutgers University
Biophysical Measurements of Subcellular Morphology and Function
3:35pm, 2-101 NHH (BME Graduate Seminar)

Tuesday, April 2

Amod Zambre, Graduate Student (Advisor: Emilie Snell-Rood)
Dept. of Evolution, Ecology, and Behavior, University of Minnesota
TBA
10am, 257 BioSci (EEB Seminar)

Elizabeth Fay, Graduate Student (Ryan Langlois Lab)
Dept. Biochemistry, Molecular Biology, & Biophysics, University of Minnesota
TBA
12:20pm, 2-137 Jackson Hall (BMBB Student Seminar)

Margaret E. Ackerman, Associate Professor
Dept. of Thayer School of Engineering, Dartmouth College
Principal Components of Antibody Activity: High Throughput Humoral Profiling and Machine Learning to Advance HIV Vaccine Research and Development
1:25pm, B-75 Amundson Hall (CEMS Seminar)
**Andrew Zhou**, Graduate Student (Kandimalla Lab)  
Dept. of Pharmaceutics, University of Minnesota  
**Type 2 Diabetes Sequelae and Amyloid Beta Exposure Disrupt Insulin Trafficking and Signaling in Alzheimer’s Disease Brain**  
3pm, 5-125 Moos Tower (Pharmaceutics Seminar)

**Jessica Sieber**, Assistant Professor  
Swenson College of Science and Engineering, University of Minnesota Duluth  
**TBA**  
3:30pm, 105 Cargill (PMB Seminar)

**Wednesday, April 3**

**David (Blake) Stagg**, Graduate Student (Advisor: Peter Igarashi)  
Dept. of Biochemistry, Molecular Biology, & Biophysics, University of Minnesota  
**TBA**  
10am, 2-960 Moos Tower (BMBB Student Seminar)

**Zachary Zeidler**, Graduate Student (Advisor: Esther Krook-Magnuson)  
Dept. of Neuroscience, University of Minnesota  
**What did the Cerebellum Say to the Hippocampus**  
12pm, 2-101 NHH (GPN Colloquium)

**Rebecca Speltz Paiz**, Graduate Student (Advisors: Donald Simone and George Wilcox)  
Dept. of Neuroscience, University of Minnesota  
**mGluR5 and MOR, How Receptor Expression Affects Analgesia**  
12pm, 2-101 NHH (GPN Colloquium)

**Patrick Alford**, Associate Professor  
Dept. of Biomedical Engineering, University of Minnesota  
**Vascular Smooth Muscle Mechano-Adaptation**  
12pm, 1-125 CCRB (LHI Lecture Series)

**Jacquelyn Bainbridge**, Professor  
Dept. of Clinical Pharmacy, University of Colorado  
**Cannabis “A Primer for an Old Timer”: Medicinal Use**  
12:15pm, 2-530 Moos Tower (2019 Melendy Lecture)

**Phil Portoghese**, Professor  
Dept. of Medicinal Chemistry, University of Minnesota  
**Relevance of Targeting Heteromeric Opioid Receptors for Treating Chronic Pain**  
3pm, 125 Animal Science/ Veterinary Medicine (VetMed Seminar)

**Lynnette M. Smith**, Assistant Professor  
Dept. of Biostatistics, University of Nebraska Medical Center  
**Poisson Cokriging as a Generalized Linear Mixed Model**  
3:30pm, Ballroom CCBR (Division of Biostatistics Seminar)

**Joseph Bump**, Associate Professor  
Dept. of Fisheries, Wildlife, and Conservation Biology, University of Minnesota  
**TBA**  
3:30pm, 335 Borlaug (EEB Seminar)

**Donita Brady**, Professor  
Dept. of Cancer Biology, Perelman School of Medicine, University of Pennsylvania  
**Leveraging Copper Utilization by Kinases as a Novel Vulnerability in Cancer**  
4pm, 2-137 Jackson Hall (BMBB Seminar)

**Benedikt Berninger**, Professor  
Institute of Psychiatry, Psychology, & Neuroscience Center for Developmental Neurobiology, King’s College  
**Engineering Neurogenesis for the Adult Brain**  
4pm, 1-110 MTRF (Stem Cell Institute Seminar)

**Thursday, April 4**

**Julia Riedl**, Graduate Student (Advisor: Jakob Tolar)  
Dept. of Microbiology, Immunology, and Cancer Biology, University of Minnesota  
**Rare Genetic Diseases with Skin Manifestations**  
12pm, 1-110 LRB/ MTRF (MICaB Seminar Series)
Kelsey Wanhainen, Graduate Student (Advisor: Steve Jameson)
Dept. of Microbiology, Immunology, and Cancer Biology, University of Minnesota
**Role of P2RX7 in Making CD8+ T Cells for Tumor Immunotherapy**
12pm, 1-110 LRB/ MTRF (MICaB Seminar Series)

Alina Cernasev, PharmD
Dept. of Social and Administrative Pharmacy, University of Minnesota
**A Narrative Inquiry of Socio-Cultural and Medication Experiences of African-Born People Living with HIV and Taking Antiretroviral Treatment in Minnesota**
3:30pm, 7-193/195 WDH/ Duluth (via ITV): 163 LSci (SAPh Seminar)

**Friday, April 5**

Jim Pankow, Professor
Division of Epidemiology & Community Health, University of Minnesota
**Age-Related Sensory Impairment: Epidemiology, Causes, and Consequences**
10am, 364 West Bank Office Building (EpiCH Seminar)

Regina Carelli, Professor
University of North Carolina Chapel Hill
**Modeling Dynamic Shifts in Affect, Reward Value & Drug Seeking in Addiction**
12pm, 1-125 CCRB (NSCI Seminar)

Minnetonka High School Students
Minnetonka Research
12pm, 239 Gortner (MicrobeTech Seminar)