



knowledge changing life

Biophysics Seminar Series FALL 2023

Fridays | 10:00-11:00a.m. | Biophysics Conference Room | MFRC2063

date	speaker	seminar title
09.01	Wei Liu, PhD (Zoom Only) Associate Professor, Department of Pharmacology & Toxicology Medical College of Wisconsin Milwaukee, WI Host: Francesca M. Marassi, PhD	"Biophysical Characterizations of Membrane Protein in Structural Biology"
09.08	Nicholas Cina Graduate Student, Department of Biophysics Medical College of Wisconsin Milwaukee, WI Host: Candice Klug, PhD	"Residues within the LptC transmembrane helix are critical for <i>Escherichia coli</i> LptB ₂ FG ATPase regulation"
09.15	Brooke Greiner Graduate Student, Department of Biophysics Medical College of Wisconsin Milwaukee, WI Host: Adam Greenberg, PhD	"Applying connectome predictive modeling to attentional control performance"
09.29	Julian Grosskopf Graduate Student, Department of Biophysics Medical College of Wisconsin Milwaukee, WI Host: Mike Lerch, PhD	"Exploring the conformational dynamics of β 2-AR through interactions with negatively charged lipid headgroups"
10.06	Kyle Johnson Graduate Student, Department of Biomedical Engineering Medical College of Wisconsin Milwaukee, WI Host: Jason Sidabras, PhD	"Technology Development for Pre-Clinical MRI at 9.4T"
10.13	Jarett Wilcoxon, PhD Assistant Professor, Department of Chemistry UW-Milwaukee Milwaukee, WI Host: Jason Sidabras, PhD	"Understanding How Nature Tunes the Molybdopterin Cofactor"
10.20	Dylan T. Murray, PhD Assistant Professor, Department of Chemistry University of California, Davis Davis, CA Host: Francesca M. Marassi, PhD	"Solid state NMR characterization of low complexity protein sequence assembly mechanisms"
10.27	Carol Williams, PhD Professor, Department of Pharmacology & Toxicology Medical College of Wisconsin Milwaukee, WI Host: Jason Sidabras, PhD	"Strategies to control malignancy by regulating the localization of small GTPases in cancer cells"
11.10	Stefan Stoll, PhD Professor, Associate Chair, Research Department of Chemistry University of Washington Seattle, WA Host: Patrick Brennan	"Mapping protein conformational changes using EPR/DEER spectroscopy"
11.17	Allison Ebert, PhD Associate Professor Department of Cell Biology, Neurobiology & Anatomy Medical College of Wisconsin Milwaukee, WI Host: Francesca M. Marassi, PhD	"Using stem cells to model neurodevelopment and neurodegeneration"
12.01	Savannah Duenweg Graduate Student, Department of Biophysics Medical College of Wisconsin Milwaukee, WI Host: Peter LaViolette, PhD	"Non-invasive tracking of prostate cancer risk assessment using radio-pathomic mapping"
12.08	Wai-Meng Kwok, PhD Professor, Anesthesiology / Pharmacology & Toxicology Director of Basic Science Research Medical College of Wisconsin Milwaukee, WI Host: Candice Klug, PhD	"Diverse roles of mitochondrial VDAC1 in disease: a molecular conundrum"
12.15	Jim Hokanson, PhD Assistant Professor, Joint Department of Biomedical Engineering Medical College of Wisconsin Milwaukee, WI Host: Matthew Budde, PhD and Adam Greenberg, PhD	"What's the role for brain imaging in advancing urological care?"

The objective of the Biophysics Seminar Series is to encourage the exchange of ideas and results among researchers in the fields of structural biology, biomedical imaging, and other disciplines. For more information, contact Shannon Gustavson (sgustavson@mcw.edu / 414-955-4041)