

## 2016 Fall Seminar Schedule

### BIOL 599

Date	Name	Title
Aug 23	Takusagawa, Fusao	Introduction
Aug 30	Takusagawa, Fusao	Dynamical Catalysis in Methyl Cycle Enzymes
Sep 6	No Class	
Sep 13	Bell, Ian T	Crystal Structure of the Calcium Pump of Sarcoplasmic Reticulum at 2.6 Å Resolution
	Combest, Max M	The Structure and Mechanism of Molybdenum Nitrogenases
Sep 20	Hayes, Tisha M	Structure and mechanism of the lactose permease of <i>Escherichia coli</i> .
	Kim, Su Woo	Lipid-Linked Oligosaccharides in Membranes Sample Conformations That Facilitate Binding to Oligosaccharyltransferase
Sep 27	Lightfoot, Eric K	Crystal Structure of Inhibitor-Bound Human 5-Lipoxygenase-Activating Protein
	Martinez, Erica	Conformational Dynamics of Specific Aβ Oligomers Govern Their Ability to Replicate and Induce Neuronal Apoptosis
Oct 4	Moldenhauer, Taylor	Crystal structure of bacterial multidrug efflux transporter AcrB
	Myers, Hailey N	Structure of mitochondrial ADP/ATP carrier in complex with carboxyatractyloside
Oct 11	Fall Break	
Oct 18	Paxson, Mallory A	Crystal structure of the sodium-potassium pump
	Tuggle, Hayley A	Crystal Structure of Mitochondrial Respiratory Membrane Protein Complex II
Oct 25	Tomas, Brandon R	Efficient CO <sub>2</sub> -Reducing Activity of NAD-Dependent Formate Dehydrogenase from <i>Thiobacillus</i> sp. KNK65MA for Formate Production from CO <sub>2</sub> Gas
	Wagnehu, Morningstar A	Structure and mechanism of G3P transporter from <i>Escherichia Coli</i> .