



Cellular and Molecular Biology Seminar Series

Wednesdays Noon on Zoom: <https://illinoisstate.zoom.us/j/5586695392>

Date	Speaker	Talk Title
January 20	Omid John Zare-Mehrjerdi (Kirik lab)	The role of Tonneau-1 Recruiting Motif (TRM) proteins in cell division and cell shape determination.
January 27	Alex Murarus (Engelke lab)	Delineating the Molecular Mechanisms that Regulate the Motor Protein Kinesin-2.
February 3	Ashley Waring (Mortimer lab)	Investigating parasitoid wasp venom and its potential as a tool for targeted A β degradation.
February 10	Elise Le (Stein lab)	Predator-induced oviposition preference of Alzheimer's disease fruit fly models.
February 17	Liza Gautam (Sedbrook lab)	Engineering pennycress (<i>Thlaspi arvense</i>) for improved oilseed traits and stress resilience.
February 24	Brooke Allen (Vrailas-Mortimer lab)	Parkinson's disease genes interact with ATP7 to regulate copper distribution and availability in <i>Drosophila melanogaster</i> .
March 3	Ritika Shah Gracious Donkor (Dahl lab)	Bacterial Response to Stress.
March 10	Danny Marchiava (Sedbrook lab)	Increasing Total Lipid Content in Pennycress (<i>Thlaspi Arvense</i>) Utilizing CRISPR-Cas9 and Transgenic Approaches.
March 17	Jessica Burkhart (Vrailas-Mortimer lab)	The Role of Copper in Parkinson's Disease.
March 24	Natalie Burrell (Hammond lab)	Investigating heterologous expression of a cas9 transgene in <i>Neurospora crassa</i> .
March 31	Sadia Sultana (Dahl lab)	Characterization of a novel hypochlorous acid (HOCl)-sensing transcriptional regulator in uropathogenic <i>Escherichia coli</i> .
April 7	Monica Tamrazi Andres	The search for genes that prevent muscle degeneration associated with Duchenne muscular dystrophy.
April 14	Ciara Newman (Weitzel lab)	Characterization of Leucyl-tRNA Synthetase Paralogs in the Archaeon <i>Sulfolobus islandicus</i> .
April 21	James Mierendorf (Hammond lab)	Prospects for Heterologous Transgene Expression in <i>Neurospora Crassa</i> .
April 28	Pooja Kadaba Ranganath (Mortimer lab)	Role of CR44125, a long non-coding RNA in <i>Drosophila melanogaster</i> immunity.

