Molecular and Cellular Biology (MCB) Seminar Series

Spring, 2026

Wednesdays, Noon, SLB room 121

Date	Speaker	Talk Title
January 14	**No seminar**	**No seminar**
January 21	Organizational meeting	Organizational meeting
January 28	Joshua Graunke (Clem lab)	Plant defense interactions using glucosinolates in differing herbivore strategies
February 4	Parham Jazireian (Hammond lab)	Constructing a system to study the *Fusarium verticillioides SKC1* spore killer in the model fungus *Neurospora crassa*
February 11	Brittney Hahn (Clem lab)	Investigating the role of juvenile hormone in regulating migratory phenotype for *Chrysoperla plorabunda* (Neuroptera: Chrysopidae).
February 18	Andrew Michael (Dahl lab)	When the Air Gets Thin: Bladder Oxygen Levels Drive UPEC Adhesion and Infection
February 25	Nolan Lake (Clem lab)	Pesticide Modes of Action (MoAs) and their Implications for Pollinating Diptera in Agroecosystems
March 4	Shahriar Mahmud (Hammond lab)	Investigating the *rfk-1*-based spore killing in *Neurospora crassa*
March 11	**No seminar Spring Break**	**No seminar, Spring Break**
March 18	Tanisha Bhimwal (Dahl lab)	Evolved mechanisms conferring resistance to Reactive Oxygen and Chlorine Species (RO/CS) in uropathogenic *Escherichia coli*
March 25	Garrit Stenerson (Sedbrook lab)	Investigating the Genetic Basis for Elevated Heat's Impact on Pennycress (*Thalspi arvense)* Seed Germination
April 1	Ryan Bayliss (Sedbrook lab)	Generation and analysis of low glucosinolate pennycress mutants
April 8	Shukhrat Nasrulloev (Olcay Akman group)	Managing Multi-Drug Resistance: An Evolutionary Game Theory and Optimal Control Approach
April 15	Ashley Salzman (Edwards lab)	Dopamine Release in Drosophila melanogaster Medial Mushroom Body in Response to Nutritional Value and Sweet Taste of GMO Yeast Versus Natural Yeast
April 22	Josephine Crisci (Sedbrook lab)	Analyzing Seed Germination of Mutant Drought Tolerant Pennycress (*Thlaspi arvense* L.) Lines Against Prevalent Germination Inhibitors.