



Molecular and Cellular Biology Seminar Series (Fall 2024)



SCHOOL OF
**BIOLOGICAL
SCIENCES**
Illinois State University

Date	Speaker	Talk Title
August 21	Informational meeting	
August 28	No seminar	No seminar
September 4	Journal club	Fu et al. 2014 article: Primary cilia control hedgehog signaling during muscle differentiation and are deregulated in rhabdomyosarcoma. https://doi.org/10.1073/pnas.1323265111
September 11	Journal club	TBD
September 18	Blessing Soyebi (Darner group)	Embracing the inclusion of societal concepts in biology improves students understanding.
September 25	Danny Marchiafava (Vidal-Gadea lab)	Understanding Early Calcium Dynamics in Dystrophic Muscle.
October 2	Gabriela Mendoza-Rangel (Hammond lab)	Unraveling the molecular mechanism of the Sk-2 poison-antidote element in <i>Neurospora crassa</i> .
October 9	Margarita Gomez (Vidal-Gadea lab)	Modeling Duchenne Muscular Dystrophy with Nematodes.
October 16	Sumaiya (Edwards lab)	"Hostile takeover" uncovers hidden lives of regulatory proteins.
October 23	Joseph Alexander (Floyd lab)	Uncovering the Wider Coregulatory Network Driving MSHA Pilus Production and Function in <i>Vibrio cholerae</i> .
October 30	No seminar	No seminar
November 6	Sharanya Paul (Dahl lab)	Enhancement of growth of <i>Staphylococcus aureus</i> at low temperatures by antimicrobial unsaturated fatty acids and their esters.
November 13	Tanisha Bhimwal (Dahl lab)	Characterizing the evolution of resistance to reactive oxygen and chlorine species in uropathogenic <i>Escherichia coli</i> .
November 20	Emmanuel Oladokun (Dahl lab)	Exploring the Molecular Secrets of AGXX/Aminoglycoside Lethality and Evolutionary Adaptations of Uropathogenic <i>Escherichia coli</i> to AGXX.
November 27	No seminar	Thanksgiving Break
December 4	Arjuman Lima, Ryan Bayliss, Maggie Marlino (Sedbrook lab)	Improving seed compositional traits and germination of the new oilseed intermediate crop, pennycress.

Noon, Wednesdays, in SLB Rm 121