

Iowa State University
Interdepartmental Plant Biology Major
2014 Fall Seminar Schedule (PLBIO 696)



Wednesdays 4:10 - 5:30 pm
1420 Molecular Biology Building

Date	Speakers	Title
September 10	Yi-Hsiang Chou	The new insights into the functional organization of xyloglucan biosynthetic enzymes and their catalytic mechanism
September 17	Nathan Reem	Post-synthetic modification as a tool for studying plant cell wall integrity control involved in stress response
September 24	Brice Floyd	Autophagy -dependent and -independent pathways for rRNA turnover
October 1	Bryan Gontarek	Transcriptomic analysis of Maize endosperm development through two aleurone mutants <i>thk-1</i> and <i>nkd</i> The roles of epigenetic, and transcriptomic expression control regulators in the determination of endosperm cell fate
October 8	Zhouli Xie	The role of histone methyltransferase SDG8 in BR signaling pathway
	Jingyu Wang	High-throughput TALE primer design
October 15	Abbey Johnson	Regulatory RNAs in agrobacteria
October 22	Xinyu Fu	Acetyl-CoA synthetase in plants: is it involved in hypoxia/reoxygenation adaptation?
October 29	Alice Hui	Potyviridae overlapping gene, pipo, is translated via a frameshift signal
November 5	Buyun Tang	BIN2 positively regulates RD26 in drought response
November 12	Hartinio Nahampun	TBA
November 19	Jian Hua (Cornell University)	TBA
November 26	No Seminar	Thanksgiving Break
December 3	Junhui Zhou	<i>Xanthomonas</i> effector XopZ targets a host E3 ligase and subverts defense pathway in rice
December 10	Katherine Thilges	Mer3 effect on sterility in soy on male and female meiosis

Light refreshments will be available prior to seminar.

Direct questions or comments to Diane Bassham at bassham@iastate.edu