

POSTER SESSION

Graduate & Post-Doctoral Competitors

Location	Name	Title	Lab / Unit
5A	Bernal-Galeano, Vivian	Developing experimental tools to study the interaction between <i>Cuscuta</i> and its hosts	J. Westwood
12B	Clermont, Kristen	Impact of Forms and Availability of Amino Acids on <i>Phelipanche aegyptiaca</i> Development and Nutrition	J. Westwood
8A	Compton, Karl	The small organic acid sensing profile of <i>Sinorhizobium meliloti</i> as mediated by McpV	B. Scharf
3B	Cui, Chenming	Transcriptome-wide identification of gene networks controlling biotic and abiotic stress responses in the wild tomato, <i>Solanum pimpinellifolium</i>	X. Wang
7A	DeMers, Lindsay	Investigating the soybean lipidome and its relationship to reduced seedling emergence in low phytate seeds using untargeted LC-MS profiling	S. Maroof
13A	Dickinson, Cody	Variation of Urushiol Congeners in Five Accessions of Poison Ivy	J. Jelesko
10B	Dinkeloo, Kasia	From TRAP to Transport: New tools to understand mechanisms of nutrient transfer from plants to biotrophic pathogens	G. Pilot
1A	Hasing, Tomas	Genomics behind the domestication of <i>Sinningia speciosa</i>	A. Bombarely
12A	Herlihy, John	Exploring Plant Pathogen Nutrient Exchange for Novel Disease-Control Strategies	J. McDowell
17A	He, Guijuan	The control of viral replication by manipulating a host lipid synthesis gene	X. Wang
6B	Larose, Hailey	Exploring the genetic basis of germination specificity in the parasitic plants <i>Orobanche cernua</i> and <i>O. Cumana</i>	J. Westwood
15A	Lee, Jiyoung	Comparative Transcriptome Analysis Between Species Using Next Generation	S. Li
8B	Lehner, Bryan	Engineering Murgantiol Pheromone Biosynthesis in Plants for Harlequin Bug Pest Management	D. Tholl
13B	Mahendra, Ayeshan		A. Brunner
4A	Mechan Llontop, Marco E.	Assessing the potential of culture-independent 16S rDNA microbiome analysis in disease diagnostics: the example of <i>Dianthus gratianopolitanus</i> and <i>Burkholderia andropogonis</i>	B. Vinatzer
9B	Muchlinski, Andrew	Influence of root terpenoids on the microbial community of switchgrass (<i>Panicum virgatum</i>)	D. Tholl
11A	Olusegun, Adepoju	Exploring Inositol Pyrophosphate Synthesis in Plants	G. Gillaspay
3A	Packard, Holly	Confirming the essential role of select genes in the phytopathogen <i>Pantoea stewartii</i> during in planta growth through reverse genetics	A. Stevens
10A	Park, Soyon	Ticket to ride; tRNA like-structure enhances host-parasite RNA movement	J. Westwood
15B	Petzold, Earl	DIVARICATA AND RADIALIS INTERACTING FACTOR (DRIF) also interacts with WOX and KNOX proteins associated with wood formation in <i>Populus trichocarpa</i>	E. Beers & A. Brunner
14A	Rigoulot, Stephen	Characterization of <i>Populus trichocarpa</i> drought signaling provides new insights into the regulation of growth and development by the core ABA signaling pathway	E. Beers
6A	Sheng, Xiaoyan	Differentiating the Functions of the <i>Populus</i> Paralogs <i>FT1</i> and <i>FT2</i> in the Annual Growth Cycle using CRISPR	A. Brunner & J. Holliday
2A	Sonawala, Unnati	Toward understanding the role of amino acid transporters in nutrient acquisition by biotrophic pathogens	G. Pilot

14B	Song, Qi	A machine learning approach to improve transcriptome assembly using combination of long read and short read technologies	S. Li
18A	Suman, Lamichhane	Loss of function mutation of proteolysis-6 (prt6) confers salt tolerance in Arabidopsis	T. Fukao
16B	Tian, Long	LINbase ,A a Web portal for a new approach to bacterial taxonomy based on genome similarity	B. Vinatzer
18B	Wang, Kunru		B. Zhao
1B	Wang, Wei	Exploring how nitrogen and sulfur availability influences plant defense responses and oomycetes,Ã nutrient acquisition	J. McDowell
5B	Williams, Phoebe		G. Gillaspay
17B	Zhibo, Wang	Identify a Putative Interactor of Xoc-AvrRxo1 and Characterize Its Function in Plant Responses to Different Environmental Conditions	B. Zhao

Guest Presenters

Location	Name	Title	University
2B	Alsufyani, Ashwaq	Anticancer Effect of Plum Extract on U-87 Glioblastoma Multiforme Brain Cancer Cells	Virginia State University (R. Siddiqui)
4B	Barton, Elizabeth	Understanding possible roles of plant cornichon proteins in brome mosaic virus replication	Virginia Tech (X. Wang)
7B	Leith, Erik	Characterization of putative shikimate transporters from Arabidopsis	Virginia Tech (G. Pilot)
9A	Park, Sam	Developing an Indicator Crop for Nutrient Conditions in Soil	Virginia Tech (G. Gillaspay)
11B	Pelly, Zoe		Virginia Tech
16A	Lott, Nye	Poison Ivy Hairy Roots	Virginia Tech (J. Jelesko)