

**118<sup>th</sup> Meeting of  
The Southern Association of Agricultural Scientists  
Biochemistry and Biotechnology  
Sheraton New Orleans Convention Complex  
Sheraton Evergreen Room  
New Orleans, LA, February 14<sup>th</sup>, 2022**

**8:55** Introductory Remarks – Dr. Jeffrey O. Boles, President

**9:00** **Jong Hyun Ham**, Rosalie Calderon, Jobelle Bruno and John Ontoy

**“Development of seed treatment technology based on fundamental research of plant pathology and microbiology”** Department of Plant Pathology and Crop Physiology, 302 Life Sciences Building, Louisiana State University, Baton Rouge, LA 700803.

**9:30** **Natasha R. Soares<sup>1</sup>**, Jose Hugueta-Tapia<sup>2</sup>, Christopher A. Clark<sup>1</sup>, Kuei-Ting Yang<sup>1</sup>, Jonathan H. Badger<sup>3</sup> and Gregg Pettis<sup>1</sup> **“Comparative genomics of the sweet potato pathogen *Streptomyces ipomoeae* reveal novel genome content and organization”** <sup>1</sup>Louisiana State University, Department of Biological Sciences, Baton Rouge, LA, <sup>2</sup>University of Florida, Plant Pathology, Gainesville, FL and <sup>3</sup>Center for Cancer Research, National Cancer Institute, NIH.

**10:00** **Seung-Joon Ahn** **“Xenobiotics detoxification by glucose conjugation in the adapted insect pests”** Department of Biochemistry, Molecular Biology, Entomology and Plant Pathology, Mississippi State University, MS.

**10:30** **Zhi-Yuan Chen** **“RNA interference and its application in plant disease management”** Department of Plant Pathology and Crop Physiology, 302 Life Science Building, Louisiana State University Agricultural Center, Baton Rouge, LA

**11:00** **Priyadarshini Chakrabarti Basu<sup>1</sup>** and Ramesh R. Sagili<sup>2</sup> **“Using an omics approach to studying bee physiology and nutrition”** <sup>1</sup>Department of Biochemistry, Molecular Biology, Entomology and Plant Pathology, Pollinator Health and Apiculture,

Mississippi State University, Mississippi State, MS and <sup>2</sup>Department of Horticulture,  
Oregon State University, Corvallis, OR.

**11:30 Debarati Basu** and Paul South **“Design and analysis of native photorespiration  
gene motifs in promoter UTR combinations under short term abiotic stress  
conditions”** Department Biological Sciences, Louisiana State University, Baton Rouge,  
LA.

**12:00 Closing Remarks**