

104<sup>th</sup> Annual Meeting of  
The Southern Association of Agricultural Scientists  
Biochemistry and Biotechnology Division  
Mobile Convention Center Room 105B  
Mobile, AL, February 5, 2007

- 8:55** Introductory Remarks – Dr. Jeff Boles, President  
Dr. SK Ballal, Program Chair and Journal Editor
- 9:00** “NSF Funding Initiatives and My Experience as an NSF Program Director”  
**Margaret Johnson**, Department of Biological Sciences, University of Alabama,  
Box 870344, Tuscaloosa, AL 35487.
- 9:30** “Application of Functional Genomic Approaches for Gene Discovery from North  
American Grape Species” **Jiang Lu**, Hong Huang, Wayne Hunter, Phat Deng,  
Clifford Louime, Zhongbo Ren, Fitz Bradley, Xia Xu, and Hae-keun Yun, Center  
for Viticulture and Small Fruit Research, Florida A&M University, Tallahassee,  
FL 32317.
- 10:00** “New Genomic Strategies for the Identification of Genes Involved in Grape  
Anthracnose (*Elsinoe ampelina*) Disease Resistance” **Clifford Louime**, Yun Hae  
Keun, Hong Huang, and Jiang Lu, Center for Viticulture and Small Fruit  
Research, Florida A&M University, Tallahassee, FL 32317.
- 10:30** “Development of Enhanced Pathogen Resistance in Plants Through Genetic  
Engineering” **Caryl Chlan** and Vijay Chigarapati, Department of Biology, UL  
Lafayette, Lafayette, LA 70504-2451.
- 11:00** “A Method for High Through-Put Preparation of cDNA Probes for High  
Through-Put Analysis of Total RNA Abundance.” **Godson Osuji**, CARC, Prairie  
View A&M, Prairie View, Texas 77446.
- 11:30 – 1:00**                    **Lunch Break**
- 1:00** “Searching for Genotypic Variability Among Crops to Global Environmental  
Change.” **Raja Reddy**, Department of Plant and Soil Sciences, Box 9555,  
Mississippi State University, Mississippi State, MS 39762

- 1:30** “Molecular Basis of Insecticide Resistance” **Nannan Liu**, L. Zhang, F. Zhu, Q. Xu and H. Liu, Department of Entomology and Plant Pathology, Auburn University, Auburn, AL 36849.
- 2:00** “The Nutritional Aspects of the Fatty Acids in Beef, Chevon and Catfish: Three Important Commodities in Alabama” **Kyle R. Willian**, Department of Chemistry, Tuskegee University, Tuskegee, AL 36088.
- 2:30** “Highly Antibiotic Resistant Bacteria Isolated from a Cattle Farm” **Kimberly Foster or James E. Champine**, Melanie Miller, Julie Rengel and Jennifer Arnold, Department of Biology, Southeast Missouri State University, Cape Girardeau, MO 63701.
- 3:00** “Evaluation of Kudzu in Phytoremediation of Heavy Metal and its Potential of Positive Utilization in Selected Environments” **Safaa Al-Hamdani**, Department of Biology, Jacksonville State University, 700 Pelham Road North, Jacksonville, AL 36265.
- 3:30** “Identification of Secreted Proteins of Botrytis cinerea Associated With Growth of Strawberry” **Maria R. Davis**, Hind El Mubarek<sup>1</sup>, Punit Shah<sup>2</sup>, Ron Orlando<sup>2</sup>, and Gopi K. Podila<sup>1</sup>, <sup>1</sup>Department of Biological Sciences, University of Alabama in Huntsville, Huntsville, AL and <sup>2</sup>Complex Carbohydrate Research Center, University of Georgia, Athens, GA.
- 4:00** “Biochemical and Molecular Approaches to Identify Differentially Expressed Genes in Anthracnose - Tolerant Grape Genotype ” **Hemanth KN. Vasanthaiah** and Sheikh M. Basha, Center for Viticulture and Small Fruit Research, Florida A&M University, Tallahassee, FL 32317.
- 4:30** **Closing Remarks**