Posters

1 Aaron Martin, Auburn University

Quantitative analysis of the melanization reaction in the American cockroach

2 Faith Boyer-Millander, Auburn University

A flow cytometric approach to the immunological characterization of Periplaneta Americana

3 Chad Hamm, Auburn University

A Flow Cytometric Approach to Analyzing Phagocytosis In The American Cockroach

4 Amanda Tuckey, University of South Alabama Whiddon College of Medicine

Pro-Inflammatory Caspase-1 Regulates the Innate Immune Function of Amyloid-Beta

5 Kay'La Brennon, Georgia Southern University

Detection of antibodies reacting with Rickettsia antigens in donor sera from Georgia, USA

6 Samantha Grady, Auburn University

Determining the role of the gut microbiome in B. germanica fipronil resistance

7 Elizabeth Bernate, Florida State University

Evidence for transmissible colistin resistance in goose fecal microbiome

8 Iris Zheng, Emory University

The contribution of a toxin-antitoxin system to plasmid maintenance in an insect bacterial symbiont

9 Alex Swystun, Auburn University

Discovering Natural Product Producers from the Microbiome of Arctic Marine Sediments

10 Penny Demetriades, University of South Alabama

Molecular Microbial Source Tracking to Identify Major Contributors to Dog River, Alabama

11 Sherwin Shirazi, University of Georgia

Predicting the Likelihood of Detecting Salmonella in Creeks using Weather and Land-Use Factors

12 Rachel Fleck, University of South Alabama

Water quality field test kits turned diagnostic tool for asymptomatic bacteriuria

13 Tsai-Tien Tseng, Kennesaw State University

Enhanced method for detection of Mycobacterium tuberculosis in ancient skeletal samples

14 Eric Becraft, University of North Alabama

Preliminary Analysis of Tennessee River Bloom at Water Treatment Plant

15 Jolene Hayden, Georgia Highlands College

Harnessing Bacterial Activity for Sustainable Decolorization of Textile Dyes and Pollution Mitigation

16 Lindsay Pauls, University of Georgia

Freshwater growth dynamics of Salmonella enterica serovars

17 Pierce Bagby, University of Georgia

Understanding patterns of antibiotic resistance in Salmonella isolated from surface water

18 Yucheng Feng, Auburn University

Persistence of host-associated bacterial and mitochondrial DNA markers in sediment microcosms

19 Amelia Balsizer, University of South Florida

The Effect of Putrescine on Phage Activation in Pseudomonas aeruginosa Communities

20 Sarah Forsstrom, Emory University

When Klebsiella takes over: the battle of bacteriophages against Klebsiella pneumoniae in a fecal microbiota transplant recipient

21 Tsai-Tien Tseng, Kennesaw State University

In silico identification of a novel Bacillus phage from the nunu microbiome

22 Peyton Panos, Emory University

The infection dynamics of lytic phages in physically structured populations of Escherichia coli

23 Lauren Whiteley, Georgia Institute of Technology

Characterization of a new Pseudomonas aeruginosa Queuovirinae bacteriophage

24 Andrew Smith, Emory University

Here I Doff, Turn the Phage: Validating a Hospital's Equipment Protocol with Bacteriophages

25 Gretchen Bentz, Mercer University School of Medicine

Deciphering the Role of Sumoylation During Epstein-Barr Virus Replication

26 Jacob Allen, Mercer University School of Medicine

Characterization of Herpes Simplex Virus Type-1 Portal Mutants

27 Marshall Scott, Camden Tucker, Mercer University School of Medicine

Mapping Herpesvirus Encephalitis: Insights from Imaging and Initial Clinical

Presentation

28 Shawn Yates, Auburn University

The Role of Canonical, Immediate Early 3 Protein in Murine Cytomegalovirus-Induced Necroptosis

29 Sheetal Tadiparty, Mercer University School of Medicine

Ubiquitination: How Epstein-Barr Virus Regulates SENP2 Function

30 Emily McMackin, Mercer University School of Medicine

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31 Kristy Jones, Mercer University School of Medicine

Methods of Manipulation- The Role EBV's LMP1 has on SUMO-activating Enzyme

32 Henna Iqbal, Mercer University School of Medicine

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33 Chiamaka Ogwara, Georgia Southern University

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34 Connor Norris, University of Georgia

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35 Isabella Parkhurst, University of Alabama at Birmingham

Tracing Mobile Genes Associated with Antibiotic Resistance in the Environment

36 Nic Vega, Emory University

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37 Tingbi Xu, Auburn University

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38 Xiao Xiong, Auburn University

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39 Kasun Thilina Wanninayaka, Auburn University

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40 Ranlin Liu, Auburn University

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41 Reese Lofgren, University of Georgia

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42 Amy Siceloff, University of Georgia

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43 Jared Smith, University of Georgia

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44 Marco Reina, University of Georgia

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45 Omolola C. Kafi, Auburn University

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46 Lauren B. King, Mercer University School of Medicine

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47 Hannah Blanton, Berry College

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48 Emily Churchman, Auburn University

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49 Carlos David Ayala Velastegui, University of Georgia

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50 Caroline Miller, University of South Florida

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51 Alex Banul, Emory University

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54 Rayan Haque, University of Alabama in Huntsville

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55 Reese Williams, University of Alabama at Birmingham

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56 Sonny Patel, Mercer University School of Medicine

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57 Amy LeBleu-DeBartola, University of Alabama in Huntsville

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58 Cathy Nguyen, CDC

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59 Jessica Burns, University of South Florida

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60 Lauren Mitterway, The University of Alabama

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61 Madeline Grace Hurley, Mercer University School of Medicine- Savannah Campus

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63 Sicily Hardy, University of South Alabama

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65 Cody Cutts, University of Alabama

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85 Sage Martin, Berry College

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86 Shraddha Hariharan, Emory University
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87 Zheren Ou, Auburn University *eEF2-sordarin promotes spontaneous forward and reverse translocation*