



**Annual Meeting
Florida Branch of the
American Society for Microbiology
October 19-21, 2018
Floridays Resort
Orlando, FL**

Friday, October 19, 2018

- | | |
|-------------------|---|
| 4:30 PM – 6:30 PM | Meeting Registration and Check-in |
| 6:45 PM – 7:00 PM | Opening remarks - Dr. Shannon Ulrich, FLASM President |
| 7:00 PM – 8:00 PM | Keynote Speaker - Dr. Harry Mobley, University of Michigan Medical School: <i>Bacterial Gene Expression and Growth Rates during Infection</i> |
| 8:00 PM – 9:00 PM | Networking reception (Cash Bar available) |

Saturday, October 20, 2018

- | | |
|-------------------|---|
| 7:30 AM | Meeting registration and membership renewal |
| 8:00 AM – 9:00 AM | Breakfast in Palm Conference Room |

Sponsored by:



Session I – Environmental Microbiology

- | | |
|---------------------|---|
| 9:00 AM – 9:25 AM | Andrew Kettring, Univ. Central Florida: <i>Mixed-Culture Beer Fermentation as a Model Microbial Ecosystem</i> |
| 9:25 AM – 9:50 AM | Arianna L. Simmering, Univ. West Florida: <i>Temporal Variability of the Microbial Ecology in the Coastal Waters of Pensacola Beach</i> |
| 9:50 AM – 10:15 AM | Tatyana Zamkovaya, Univ. Florida: <i>Unraveling the Role of Microbial Dark Matter in Extreme Aquatic Environmental Networks</i> |
| 10:15 AM – 10:45 AM | Coffee Break and Vendor Show |

Sponsored in part by:



| | |
|---------------------|--|
| 10:45 AM – 11:10 AM | Erika Neat-Headrick, Univ. West Florida: <i>Bacterial Responses to Different Crude Oils under Varying Solar Exposure</i> |
| 11:10 AM – 11:35 AM | Aldo Lobos, Univ. South Florida: <i>Tracking Sources of Fecal Pollution in a Tidally Influenced Urban Watershed</i> |
| 11:35 AM – 12:00 PM | David Bradshaw II, Harbor Branch Oceanographic Institute: <i>Resilience and Changes in Sediment Microbial Communities due to Hurricane Irma in Fort Pierce, FL</i> |
| 12:00 PM – 2:00 PM | Lunch (on your own) |

Session II – Microbial Pathogenesis/Clinical Microbiology

| | |
|-------------------|---|
| 2:00 PM – 2:25 PM | Mikaeel Young, Univ. Central Florida: <i>Gallium Composite Demonstrates Strong Potency against Pseudomonas aeruginosa Infections</i> |
| 2:25 PM – 2:50 PM | Kaylie A. Padgett, Univ. Florida: <i>Characterization of a Putative Pathogenic Determinant from Liberibacter asiaticus</i> |
| 2:50 PM – 3:15 PM | Geethika Reddi, Univ. Central Florida: <i>Elucidating the Abiotic Factors Driving Environmental Persistence of Vibrio cholerae</i> |
| 3:15 PM – 3:30 PM | Nikolas Ujueta, Nova Southeastern University: <i>Evaluating the Efficacy of the Clorox® Total 360® System to Eliminate Bacteria on Hard-to-Reach Surfaces</i> |
| 3:30 PM – 4:00 PM | Coffee Break (**POSTER SETUP**) |

Sponsored in part by:



The Microplate Reader Company

Session III – Host-microbe interactions

| | |
|-------------------|--|
| 4:00 PM – 4:25 PM | Casey Chamberlain, Univ. Florida: <i>Metabolomics of Oxalobacter formigenes to Characterize Intestinal Oxalate Secretion</i> |
| 4:25 PM – 4:50 PM | Latifa Abdelli, Univ. Central Florida: <i>Propionic Acid, the Socially Inappropriate Gut By-product</i> |
| 4:50 PM – 5:00 PM | Short Break and setup posters |
| 5:00 PM – 7:00 PM | Poster Session (Boardroom and Veranda) |
| 7:00 PM | Dinner (on your own) |

Sunday, October 21, 2018

8:00 – 9:00AM

Breakfast

Sponsored in part by:



MICRO OPTICS OF FLORIDA,
INC.
2840 Scherer Dr., Office 400
St Petersburg, Florida 33716
PHONE: 1-800-545-3956
FAX: 954-791-0096

Session IV – Molecular Microbiology and Genomics

9:00 AM – 9:25 AM

James Conrad, Univ. South Florida: *Environmental Effects on Virulence Associated Gene Expression in Vibrio vulnificus and Potential for Epigenetic Regulation*

9:25 AM – 9:50 AM

Trudy-Ann Grant, Univ. Central Florida: *Allelic-Dependent Properties of Outer Membrane Porin U (OmpU) in Vibrio cholerae*

9:50 AM – 10:15 AM

Yifeng Yuan, Univ. Florida: *Discovery of Novel Bacterial Queuine Salvage Enzymes and Pathways in Human Pathogens*

10:15 AM – 10:40 AM

Jane Jayakumar, Univ. Central Florida: *Genomic Divergence and Cluster Evolution of the Emergent Marine Pathogen Vibrio vulnificus: From Genotype to Ecotype*

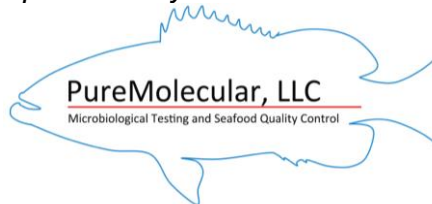
10:40 AM – 11:00 AM

Break – Judges convene for poster and talk awards

11:00 AM – 11:15 AM

Student Awards

Sponsored by:



11:15 AM – 11:20 AM

Closing Comments (Shannon Ulrich, FLASM President)

Florida ASM would like to thank the following organizations for their support:

GOLD LEVEL SPONSOR

PureMolecular - <http://www.puremolecular.com>

SILVER LEVEL SPONSORS

Environmental Express - <http://www.envexp.com/>

BRONZE LEVEL SPONSORS

BMG LABTECH - <https://www.bmglabtech.com/>
MicroOptics of Florida - <http://www.microopticsfl.com>
USA Scientific, Inc. - <https://www.usascientific.com/>
VWR - <https://us.vwr.com/store/>