

Michigan Branch of the American Society for Microbiology

Annual 2024 Meeting, April 6, 2024

University of Michigan School of Public Health, 1415 Washington Heights, Ann Arbor, MI 48109

Time	Event
8:00 - 9:00 am	Registration & Continental Breakfast Served
9:00 - 9:10 am	Welcome and Introduction: Branch President
9:10 - 9:25 am	Melene Alakavuklar, PhD., Michigan State University Conserved periplasmic protein EipA is required for maintenance of <i>Brucella</i> cell envelope integrity
9:25 - 9:40 am	Micah Ferrell, PhD., Michigan State University Characterizations of AvcD Phage-Defense Cytosine Deaminases
9:40 - 10:55 am	Vidhyadhar Nandana, PhD., Wayne State University Bacterial RNP-bodies organize the pathway of mRNA degradation
10:55 - 10:10 am	Matthew Schnizlein, PhD., Michigan State University Exploring the Role of Sodium Membrane Energetics in <i>Bacteroides fragilis</i> Bile Acid Resistance
10:10 - 11:00 am	Morning Poster Session - Odd Numbers
11:00 - 11:15 am	Fatima Herrera, University of Detroit Mercy Identification of bacteriophage resistance mechanisms in the dental pathogen, <i>Streptococcus mutans</i>
11:15 - 11:30 am	Danielle DeCesaris, University of Michigan Assessing Nanoparticle Penetration into <i>Streptococcus mutans</i> Biofilms in the Presence and Absence of Dextranase
11:30 - 11:45 am	Ifeanyichukwu Eke, Michigan State University Discovery of New Compounds that Kill <i>Mycobacterium tuberculosis</i>
11:45 - 12:00 pm	Alex Wessel, Michigan State University Using a barcoded mutant library to identify genes important for <i>Vibrio cholerae</i> physiology and gene regulation
12:00 - 12:50 pm	Lunch, Students and Early Career Scientists have lunch with Dr. Ehrlich
12:50 - 1:45 pm	Afternoon Poster Session - Even Numbers
1:45 - 2:00 pm	Cole Tracy, Oakland University The role of ATP-dependent chromatin remodelers in autophagy in budding yeast
2:00 - 2:15 pm	Ruchi Ojha, Western Michigan University C-di-GMP regulated pathogenesis in <i>Shigella</i>
2:15 - 2:30 pm	Sergio Hernandez-Ortiz, Michigan State University Elucidating the Function of a Co-conserved gene pair in iron acquisition in <i>Caulobacter crescentus</i>
2:30 - 2:45 pm	Adam Kibiloski, Michigan State University Phosphate restricts <i>Mycobacterium tuberculosis</i> growth on lactate at acidic pH
2:45 - 3:00 pm	Afternoon Break
3:00 - 4:00 pm	Keynote Speaker: Garth D. Ehrlich, PHD, FAAAS, FAAM Drexel University College of Medicine
4:00 - 4:30 pm	Student Presentation Awards, Closing Remarks
4:30 pm	Meeting adjourns, Board Meeting (4:30 – 5:00pm), Board Dinner to follow in downtown Ann Arbor, place TBD