



Virtual Event Series

# Microbiology

September 3, 2025

Date	Time	Track	Presentation Title	Speaker
3-Sep	06:00 - 07:00 AM	Infectious Disease	From Dysbiosis to Detection: Exploring the Impact of Vaginal Microbiome Testing on Reproductive Success	Dr. Arne Materna Co-CEO and member of Board of Directors, Bio-Me AS
3-Sep	07:30 - 08:30 AM	Infectious Disease	Keynote Presentation: Point of Care Testing for Infectious Disease ID POCT w/ Live Q&A	Jeanne A. Jordan, PhD, HCLD(ABB), MT(ASCP) Professor emerita at GWU
3-Sep	09:00 - 10:00 AM	Infectious Disease	Keynote Presentation: Timing Is Everything: Deconstructing the Ebola Virus Infection Program by CRISPR w/ Live Q&A	Robert Davey, PhD Director, Professor, National Emerging Infectious Diseases Laboratories (NEIDL), Boston University, Boston, MA, USA.
3-Sep	10:30 - 11:30 AM	Respiratory Pathogens	Tools Advancing Respiratory Virus Vaccines Development	Melody Chang Segment Marketing Manager, GenScript
3-Sep	12:00 - 01:00 PM		Networking Hour	Join Us for Networking Opportunities!
3-Sep	12:30 - 01:30 PM	Environmental Microbiology	From Sewage to Safety: Digital PCR's Role in Tracking Microbial Threats to Support Public Health	Gabriela Eder, MSc
3-Sep	01:30 - 02:30 PM	Infectious Disease	From Insight to Impact: Enabling Sensitive, Specific POC Assays for Infectious Disease	Amanda Grimm, B.S., PSM Senior Segment Marketing Manager, In Vitro Diagnostics   GenScript USA
3-Sep	02:30 - 03:30 PM	Infectious Disease	Harnessing Molecular Diagnostics in Antimicrobial Stewardship Through Clinical Decision Support Software	Ari Frenkel, M.D., M.P.H. Co-founder and Chief Medical Officer of Arkstone Medical Solutions
3-Sep	03:00 - 04:00 PM	Emerging Methods	Anything but oxygen - Considerations for anaerobic and microaerophilic bacteria culture	Dr. Krista Rantenan Baker's Director of Scientific Applications

3-Sep	On Demand	Environmental Microbiology	Life on Ice in a Thawing World: Pushing Microbes and Researchers to the Extreme	Christina Davis, PhD Postdoctoral Research, McGill University
3-Sep	On Demand	Microbial Communities	Microbial Evolution and Metagenomics, from Subways to Space Stations	Christopher E. Mason, PhD WorldQuant Professor of Genomics and Computational Biomedicine Department of Physiology and Biophysics Weill Cornell Medicine
3-Sep	On Demand	Environmental Microbiology	Microbiology of barrier components of a deep geological repository for used nuclear fuel	Josh D. Neufeld, BSc, MSc, PhD Professor, University of Waterloo
3-Sep	On Demand	Environmental Microbiology	Standardized hygiene interventions are needed to reduce infections due to hospital sink drain antimicrobial resistance organism reservoirs	Erin Newcomer Genomic Epidemiologist, Regional Innovative Public Health Laboratory (RIPHL)
3-Sep	On Demand	Infectious Disease	Viruses from Mom	Mimi Ghosh, PhD, MS Associate Professor, Department of Epidemiology, Milken Institute School of Public Health, The George Washington University