

# Microbiology Week

Virtual Event Series



September 3-5, 2024

Date	Time	Track	Presentation Title	Speaker
3-Sep	07:30 - 08:30 AM	Infectious Disease	Keynote Presentation: Point of Care Diagnostics for Infectious Diseases with Live Q&A	Jeanne A. Jordan, PhD, HCLD(ABB), MT(ASCP) Professor and Director, GWU Clinical Trials Unit Lab
3-Sep	09:00 - 10:00 AM	Infectious Disease	Navigating the Molecular Frontier: From Poo to Precision - A Journey in GI Test Implementation	Rachel Alexander, M.S. MB(ASCP) Technical Product Manager for Physicians Group Laboratories and Provider's Choice Laboratory
3-Sep	10:00 - 11:00 AM		Poster Discussion Hour	Chat Live with Poster Authors!
3-Sep	12:00 - 01:00 PM	Infectious Disease	Novel Engineered Polymerases For The Detection Of Infectious Diseases	Dr. Maja Studencka-Turski PhD Scientific Lead - MedixMDx
3-Sep	01:30 - 02:30 PM	Infectious Disease	The Fungus Among Us - Detecting Candida auris Colonization and Yeast Bloodstream Infections	Sherry Dunbar, PhD, MBA Senior Director, Scientific Affairs Programs, Diasorin Sarah Elliott, PhD Principal Scientist, Scientific Affairs, Diasorin
3-Sep	On Demand	Immunology	Functional Amyloid Confer Defense Against Predatory Bacteria	Hannah Ledvina, PhD Postdoctoral Scholar, Jane Coffin Childs Postdoctoral Fellow, University of Colorado Boulder, The Aaron Whiteley Lab
3-Sep	On Demand	Infectious Disease	Point-of-Care Testing for Microbial Infectious Diseases: The Urgent Need for New Novel Tests	Shaun N. Robertson, PhD CEO- MiDx, Research Fellow & ICURE ECR, National Biofilms Innovation Centre, Biodiscovery Institute, University of Nottingham
3-Sep	On Demand	Infectious Disease	Translation Studies in Arboviral Pathogens	Aileen Chang, MD Associate Professor of Medicine, George Washington University
4-Sep	09:00 - 10:00 AM	Microbial Communities	Keynote Presentation: Bacterial Vaginosis: New Insights From the Vaginal Microbiome with Live Q&A	Susan Tuddenham, MD MPH Assistant Professor, Infectious Diseases, Johns Hopkins Department of Medicine

4-Sep	10:30 - 11:30 AM	Respiratory Viruses	A Respiratory Season Update	Rodney E. Rohde, PhD, SM (ASCP)CM, SVCM, MBCM, FACs, Global Fellow Regents' Professor and University Distinguished Chair
4-Sep	01:30 - 02:30 PM	Respiratory Viruses	Customizing Syndromic Respiratory Panels: Maximizing Patient Care through Flexible Testing Strategies	Heba Mostafa, PhD Associate Professor of Pathology, Johns Hopkins School of Medicine Kaisha Gonzalez, PhD Regional Director for US and Canada Scientific Affairs, Diasorin
4-Sep	On Demand	Microbial Communities	Commensal Microbes Fortify Skin Barrier	Aayushi Uberoi, PhD Assistant Professor, Pathology & Immunology, Washington University School of Medicine in St. Louis
4-Sep	On Demand	Respiratory Viruses	Severe Respiratory Disease in Cynomolgus Macaques After Inhalation of Aerosolized A/Chile/25945/2023 (Clade 2.3.4.4b) H5N1 Avian Influenza Virus	Douglas S. Reed, PhD Associate Professor, Immunology, Center for Vaccine Research, University of Pittsburgh
4-Sep	On Demand	Microbial Communities	Steroid and Bile Acid Metabolism by the Gut Bacterium, Clostridium Scindens	Jason M. Ridlon, PhD Associate Professor, College of Agricultural, Consumer and Environmental Sciences, University of Illinois Urbana-Champaign
4-Sep	On Demand	Microbial Communities	Targeting Gut Dysbiosis in APOE4 Carriers: Strategies for Mitigating Alzheimer's Disease Risk	Dr. Ai-Ling Lin Professor of Radiology and Biological Sciences, College of Arts and Science Biological Sciences, University of Missouri
4-Sep	On Demand	Respiratory Viruses	Viral hijacking : How hRSV NS1 Wrests Control of Host Immune Regulation	Jacqueline Payton, MD, PhD Associate Professor, Pathology & Immunology, Co-Director, Physician Scientist Training Program, Washington University School of Medicine in St. Louis
4-Sep	On Demand	Microbial Communities	Off Target Effects of the Atypical Antipsychotic Clozapine Associated with Increased Infection Risk	Georgios Miliotis, BSc (Hons), PgDip, MRes, PhD Assistant Professor, School of Medicine, University of Galway
5-Sep	09:00 - 10:00 AM	Environmental Microbiology	Keynote Presentation: Microbial Life in the Uranium-Contaminated Subsurface of the Oak Ridge Integrated Field Research Site with Live Q&A	Stefan Green, PhD Associate Professor, Infectious Diseases, Rush University
5-Sep	10:30 - 11:30 AM	Emerging Methods	Mastering Multiplexing: Innovative Tools for Multiplexing in Your qPCR Workflow	Chia-An Yen, Ph.D. Molecular Biology Scientist III, Thermo Fisher Scientific
5-Sep	On Demand	Environmental Microbiology	Burn Injury and Gut Barrier Dysfunction	Mashkoor A. Choudhry, PhD Professor, Loyola University of Chicago, School of Medicine
5-Sep	On Demand	Environmental Microbiology	From Microbial Ecology to Agricultural Practice	Dror Minz, PhD Senior Microbiologist, Volcani Institute

5-Sep	On Demand	Environmental Microbiology	Role of Particle-Associated Bacteria in Aggregate Formation in the Current and Future Ocean	Britni Livar Labroots Rising Star in Research Awardee, Grad Teaching Assistant, Biodesign Center for Fundamental & Applied Microbiomics, Fundamental & Applied Microbiomics Researchers
5-Sep	On Demand	Environmental Microbiology	Effects of Microgravity on Beneficial Interactions Between Microbes and Animals	Jamie Foster, PhD Professor, Microbiology & Cell Science, University of Florida