

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 |

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| 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 |

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| 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 |