

QIAGEN presents

World Microbiome Day Webinar Series: Probing and exploring our microbial world

Agenda

June 27 (10:00 a.m. EDT) Tips and tricks for the isolation and analysis of RNA from microbial samples

Tricky samples like soil and stool require an optimized workflow for efficient RNA extraction. This webinar highlights critical tips and tricks to stabilize and purify your sample RNA and tackle PCR inhibitors.

June 28 (10:00 a.m. EDT) Antimicrobial resistance Summit: Identifying antimicrobial resistance from Sample to Insight

With increasing antimicrobial resistance emerging globally, we urgently need to improve the preparation of biological samples, such as stool and wastewater. In this summit, we will demonstrate characteristics and workflows of different sample types for optimal antimicrobial resistance detection.

June 29 (10:00 a.m. EDT) Pathogen detection using the new dPCR Microbial DNA Detection Assays on the QIAcuity

Detecting and monitoring microbial pathogens, their antibiotic resistance and virulence genes from diverse samples is highly important to combat them. DNA-based methods, like hydrolysis probe-based assays, digital PCR and the novel dPCR Microbial DNA Detection Assays, enable their rapid profiling and identification and will be the focus of this webinar.

June 30 (10:00 a.m. EDT) Shedding light on microbial communities: Novel NGS solutions for taxonomic profiling

Some uncultured microbes influence our human bodies in still to us unknown ways. In this webinar, we will explore next generation sequencing and microbial profiling to infiltrate the metagenome and identify microbial communities in complex human samples.

July 1 (10:00 a.m. EDT) Metagenomic taxonomic profiling using QIAGEN CLC Genomics Workbench Premium

To make sense of all your microbiome data, user-friendly and engaging analytics software is needed. This 90-minute seminar introduces the QIAGEN CLC Microbial Genomics Module with its tools and workflows for a broad range of bioinformatics applications.