

Molecular Diagnostics.be

Spring Meeting MolecularDiagnostics.be

June 2nd, 2026, 10h00-17h00

Zaal Zinneke

BIP ('huis van het gewest')

Koningsstraat 2-4 - 1000 Brussel

Please register by May 29 on www.moleculardiagnosics.be, after logging in.

NGS in microbiology: challenges for clinical practice

Program

10h00 Welcome

10h10 16S Nanopore sequencing and implementation in routine (Jozef Dingemans, Jessa ziekenhuis, Hasselt)

11h00 MD.be 16S ring trial results and discussion (Fien De Winter, AZ Turnhout; Florence Crombé, UZ Brussel, Brussel; on behalf of the MD.be NGS Microbiology working group)

11h50 Clinical practice & open discussion (short presentations)

12h30 Sandwich lunch & Networking

14h00 Automated cloud-based bacterial identification based on long-read ONT 16S and 16S-23S rDNA sequencing using curated databases (Koen Swaerts, AZ Delta, Roeselare)

14h30 Gut microbiome profiling by full length 16S Nanopore sequencing: clinical validation in Inflammatory Bowel Disease (CLARIFY study) (Prof. Dr. G. Martens, AZ Delta, Roeselare)

15h00 Struggle in the fungal jungle: challenges of panfungal Nanopore sequencing (Merijn Van Hee, AZ Sint-Jan, Brugge)

15h30 Coffee

16h00 Comparison of PCR and Nanopore sequencing for PCV2 subtyping (Sara Malfait, DGZ Vlaanderen vzw, Torhout)

16h20 Evaluation of Nanopore sequencing for genomic surveillance of multidrug-resistant *Klebsiella pneumoniae*, first insights from the Ghent Hospital Network (Hannelore Hamerlinckx, UZ Gent, Gent, Klaartje De Rauw, AZ Sint-Lucas, Gent; on behalf of the ZNG HOST-team)

17h00 Closure