

Session Program

May 18 - 23, 2026

Microfluidic Horizons 2026

Wednesday 20/05, 14 - 19; Auditorium

Wed, May 20

2:00 PM

Wednesday 20/05, 14 - 19; Auditorium

Session

3:00 - 3:20 PM

Oxygen Gradients shape Cross-Feeding and Drive Emergent Spatial Organization in Gut Commensal Bacteria

3:20 - 3:40 PM

Simultaneous real-time imaging of oxygen gradients and microbial community spatial organization in confined environments

3:40 - 4:00 PM

Mechanical interactions between bacteria and grains in a model soil

Speaker

Willy Bonneuil

4:00 - 4:20 PM

Microfluidic investigation of dairy fouling dynamics

Speaker

Luca Lanotte

5:40 - 6:00 PM

Microfluidic Lab-on-chip technologies for extracellular vesicle enrichment and detection

6:00 - 6:20 PM

Droplet microfluidic device for the purification of highly concentrated and ultrapure extracellular vesicle from human plasma

6:20 - 6:40 PM

HIGH-YIELD EXTRACELLULAR VESICLE PRODUCTION FROM MICROORGANISM PRODUCER CELLS UNDER ROTATING MOTION IN BAFFLED VESSEL AND FUNCTIONAL VALIDATION IN A BIOMIMETIC GUT-ON-CHIP MODEL.

Speaker

Solène LENOIR

7:00 PM