

**Session Program**

**May 18 - 23, 2026**

**Microfluidic Horizons 2026**

**Thursday 21/05, 9 - 13; Auditorium**

# Thu, May 21

9:00 AM

## Thursday 21/05, 9 - 13; Auditorium

### Session

10:00 - 10:20 AM

**Microfluidic studies for predicting the state of charge in redox flow cells**

10:20 - 10:40 AM

**Effect of Microfluidic and Thin-Film Liposome Production on the Insertion and Binding Efficiency of a Metal Chelator****Speaker**

Leonardo Severini

10:40 - 11:00 AM

**Label-free 2D quantitative imaging of concentration gradients using Fabry-Pérot interferometry****Speaker**

Taieesa Peshkovsky

12:20 - 12:40 PM

**Passive Microfluidics Device with On-Demand Activation for Dynamic Cell Culture and Gradient Formation****Speaker**

Dr Valeria Garzarelli

12:40 - 1:00 PM

**A modular "Pharmacist-Nurse" microfluidic platform for real time multi input multi output control of mammalian cell microenvironments**

1:00 PM