



## Conference Agenda

### Conference Day 1: Tuesday, 24 June 2025

08:00 **Conference Registration, Materials Pick-Up, Hot Drinks, Fruit Juice, Mineral Water and Viennoiseries**

Conference Venue: Exhibit Hall - Le Foyer

08:55 Session Title: Conference Opening Session

Session Venue: Salon Argencourt

09:00 **Conference Chairperson's Welcome**  
**Chairperson's Introduction and Welcome to All Participants**

Paul Coudray, CEO, Kloé, France



09:15 **The Evolving Microfluidics, Lab-on-a-Chip and MPS Fields**

Claudia Gärtner, CEO, Microfluidic ChipShop GmbH, Germany



09:45 **Microbial Cell-Free DNA Approach to Infectious Disease Diagnosis**

Maiwenn Kersaudy-Kerhoas, Professor of Microfluidic Engineering, Heriot-Watt University, United Kingdom

10:15 **Label-Free Detection and Identification of Single Molecules Harvested from Liquid Biopsy Markers for Applications in Medicine and Biology**

Steve Soper, Foundation Distinguished Professor, Director, Center of BioModular Multi-Scale System for Precision Medicine, The University of Kansas, USA

**10:45 Networking Break in the Exhibit Hall: Hot Drinks, Fruit Juice and Mineral Water**

**11:30 Real-Time Microfluidic Devices for Healthcare – Applications in the NICU**

Martyn Boutelle, Professor of Biomedical Sensors Engineering, Imperial College London, United Kingdom

**12:00 Advancing Lung-on-Chip Platforms for Preclinical Ventilatory and Inhalation Assays**

Josué Sznitman, Dean, Faculty of Biomedical Engineering, Professor of Biomedical Engineering, Technion – Israel Institute of Technology, Israel

**12:30 Polymers to Control the Fabrication and Behaviour of Sensors and Surfaces**

Mark Bradley, Professor of Therapeutic Innovation, Precision Healthcare University Research Institute, Queen Mary University of London, United Kingdom

**13:00 Networking Lunch in the Exhibit Hall -- Meet Exhibitors and Engage with Colleagues**

**14:29 Session Focus: Circulating Biomarkers**

Chaired by Valérie Taly, CNRS Research Director, Cordeliers Research Center, President/CSO, Co-Founder METHYS Dx

Venue: Salon Joffre

**14:30 Title to be Confirmed**

Lorena Diéguez, Leader of the Medical Devices Research Group, INL-International Iberian Nanotechnology Laboratory, Portugal

**15:00 Technology Spotlight Presentation  
Count on Complete EV Characterization with Leprechaun**



Veronica Foisor, Gene Therapy Field Application Scientist, Unchained Labs, United Kingdom

**15:30 Technology Spotlight Presentation  
Title to be Confirmed**



Sven Kreutel, CEO, Particle Metrix, Inc. and Sales Director, Particle Metrix GmbH, Germany

**16:00 Afternoon Networking Break: Hot Drinks, Fruit Juice, Mineral Water and Cakes**

**16:30 Methylation Marker and Droplet-based Microfluidics for Cancer Patient Follow-Up**

Valérie Taly, CNRS Research Director, Cordeliers Research Center,  
President/CSO, Co-Founder METHYS Dx, France

**17:00 The Utility of Liquid Biopsy in Immuno-Oncology: An Emphasis on Circulating Tumor Cells**

Catherine Alix-Panabières, Professor, University Medical Center of Montpellier,  
Director of the Laboratory Rare Human Circulating Cells and Liquid Biopsy,  
France

**17:30 Red Blood Cell-derived Extracellular Vesicles as Circulating Biomarkers in Tumor Progression**

Clotilde Costa Nogueira, Principal Investigator at Translational Medical Oncology  
group (Santiago Health Research Institute Foundation [IDIS] (Santiago de  
Compostela)), Spain

**18:00 Title to be Confirmed**

Speaker Details to be Confirmed

**18:30 Evening Networking and Social Event  
Sponsored by Kloé -- Conference Sponsor  
and Co-Organizer**



**Conference Day 2: Wednesday, 25 June 2025**

**08:00 Morning Networking: Hot Drinks, Fruit Juice, Mineral Water and Viennoiseries**

**Conference Venue: Exhibit Hall Le Foyer**

**08:59 Session Sub-Title: Circulating Biomarkers – Continued**

**09:00 Suspension Array for the Isothermal, Digital and Multiplex Detection of microRNAs**

Guillaume Gines, CNRS Researcher at ESPCI Paris/PSL, France

**09:30 Size Profiling of cfDNA with  $\mu$ LAS for Agnostic Biomarker Identification**

Aurélien Bancaud, CNRS Research Director, LAAS-CNRS, Toulouse, France

**10:00 Improving Early Diagnosis and Patient Stratification in Primary Care Through Minimally Invasive Sampling and Detection of Nucleic Acid Biomarkers in Bodily Fluids**

Sylvain Ladame, Reader in Biosensor Development, Department of Bioengineering, Imperial College London, United Kingdom

**10:30 Mid-Morning Networking Break in the Exhibit Hall: Hot Drinks, Fruit Juice and Mineral Water**