



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 Microfluidic Strategies for Rapid Detection of Antimicrobial Resistance Biomarkers in Biological Fluids

Karla Perez-Toralla, Researcher, CEA Paris-Saclay, France

**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 μ 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