

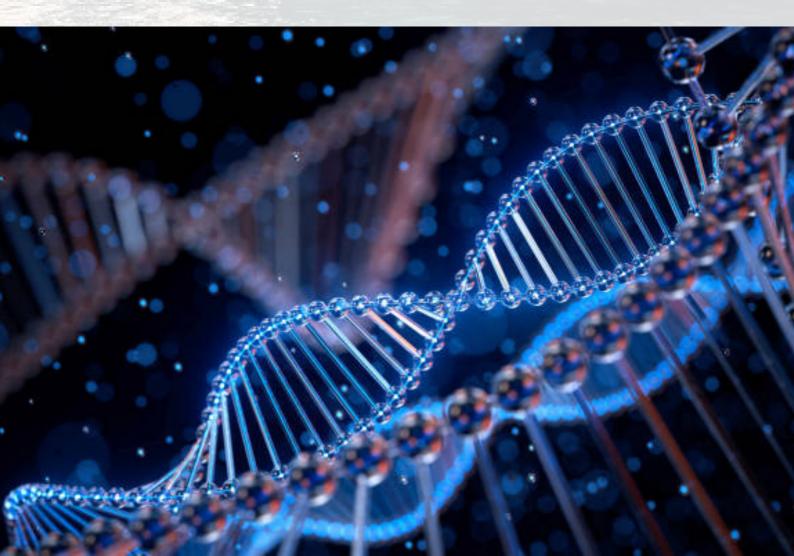
TENTATIVE PROGRAM

International Conference on

Biosensors & Bioelectronics

May 13-14, 2024

Venue : Ibis Paris 17 Clichy-Batignolles, Address : 10 Rue Bernard Buffet – 75017 Paris – France



SCIENTIFIC PROGRAM May 13

Day 1

Registration Opens 09:00-09:45 Opening Ceremony 09:45-10:00

Keynote presentation

Advanced bacteria detection technologies and biosensors for potential applications in 10:00-10:45 point-of-care testing Shunbo Li, Chongqing University, China

Automated Environmental Sampler and Laboratory-on-a-Chip to Enhance Monitoring for **10:45-11:30** Toxic Algae

Linda K. Medlin, Marine Biological Association of the UK, UK

Networking & refreshments break 11:30-11:45

Oral session 1

Biosensors & bio-sensing technologies | Nano biosensors & nano sensors |Bioelectronics & nanobioelectronics | Microfluidics- technology & healthcare

Session chair: Shunbo Li, Chongqing University, China

How to make implants smarter

11:45 - 12:15 Dieter Ulrich, Helbling Technik, Switzerland

Multi-Spatial Intra-Operative Monitoring of Neurochemicals and Metabolics in Rodents and Nonhuman Primates using Microelectrode Arrays

- 12:15 12:45 and Nonhuman Primates using Microelectroe G A Gerhardt, University of Kentucky, USA
- 12:45-13:15 Roadmapping for microfluidics Henne van Heeren, Microfluidics Association, Netherlands

Lunch Break (13:15-14:00)

Oral session 2

Bioelectronics & wearable sensors| Electrochemical biosensors | Advanced bioelectronic

Session chair: Dieter Ulrich, Helbling Technik, Switzerland

14:00-14:30	Development of an Electrochemical-Based Gold Decorated Reduced Graphene Oxide Sensor for Interstitial fluid Dissolved Oxygen Monitoring Elisa Rasouli, Nanyang Technological University , Singapore
14:30-15:00	Assessing Physiological Synchrony in Virtual Workspaces: A Biosensor-Based Approach Miguel Alejandro Reyes-Consuelo, Université Laval, Canada
15:00-15:30	A centrifugal-based nucleic acid test with the immiscible filtration technique Chih-Hsin Shih, Feng Chia University, Taiwan
15:30-16:00	Passive microfluidic production of multiple emulsions Adam S. Opalski, Institute of Physical Chemistry , Poland
Tea & coffee break (16:00-16:30)	

Poster presentation

16:30-17:00 Microfluidic chip for efficient bacteria capture and Li Chen, Chongqing University, China

Poster slots available

Group photo & panel discussion

Day 1 closing

SCIENTIFIC PROGRAM May 14

Day 2

	Keynote forum	
10:00-10:45	Biosensing membrane and device for online monitoring of blood indices	
	Zhenyu Chu, Nanjing Tech University, China	
10:45-11:30	Quantum dot-labeling for single virus tracking in live cells	
	Zongqiang Cui, Wuhan Institute of Virology, China	
	Refreshment break (11:30-11:45)	
11:45-12:15	Generation of in vitro 3D hepatic tumor model for discovery of novel therapeutics Ting-Yuan Tu, National Cheng Kung University, Taiwan	
12:15-12:45	Microfluidic and sensing tools for immunotherapy Francesco Ferrara, Institute of Nanotechnology, Italy	
12:45-13:15	Simultaneous Detection of AFP, CEA and CA19-9 in Whole Blood on an Integrated SESR Microfluidic Chip	
	Y. Xu, Chongqing University, China	
Lunch break (13:15- 14:00)		

Few speaker slots available

Panel discussion & award distribution

Closing ceremony