

5th International Conference on

Biosensors and Bioelectronics

October 25-26, 2021 | Virtual Conference



5th International Conference on Biosensors and Bioelectronics

(Day: 1) October 25, 2021 at 08:00 am, Greenwich Mean Time (GMT)

Oral Session I

08:00	Opening Ceremony
08:10-08:40	Title: Development of an electrochemical immunosensor based on a competition assay for C-peptide detection in human urine
	Sharmaine Reintar , Medical University of Graz, Austria,
08:40-09:00	Title: Biosensors and Bioelectronics: Current Trends to Future Applications
	Yuvaraja Visagathilagar , RMIT University, Australia
09:00-09:20	Title: Electrochemical aptamer-based (EAB) sensors: a platform technology supporting real-time molecular monitoring in the living body
	Robert Batchelor , University of California, Australia
09:20-09:40	Title: Compo-SiL® skin substrates as a biocompatible, sustainable and flexible platform for Biosensors
	Anupam Mukherjee , General Silicones, Taiwan
09:40-10:00	Title: Improved enzyme based nanosensor for detection of nitrate
	Minakshi Sharma , Maharshi Dayanand University, India

Networking and Refreshment Break(10:00-10:20)

Oral Session II

10:20-10:40	Title: Electrochemical NanoBiosensor Applications Devoted to Clinical Analysis
	Pinar Kara , Ege University, IZMIR, TURKEY
10:30-10:50	Title: Nanophotonics based label free detection mechanism for real-time monitoring of interleukin
	Munezza Khan , National University of Sciences & Technology, Pakistan
10:50-11:10	Title: INNOVATION, the path to successfully bring new biosensors into the market
	Jaureguibeitia Arrate , BIOLAN MICROBIOSENSORES, Spain
11:10-11:20	Title: Electrochemical nanoaptasensor for diagnostics and monitoring of multiple sclerosis
	Marina Serin , Ege University, IZMIR, TURKEY
11:20-11:40	Title: Will be updated
	Ezgi Kivrak , Ege University, IZMIR, TURKEY
11:40-12:00	Title: High Coverage Inductive Interface for Implants in Small Animals
	Ana Rita Domingues , University of Freiburg, Germany
12:00-12:20	Title: Towards the development of a combined pH, oxygen, and cortisol implantable sensor using electrochemistry techniques
	Meera Madhavan , Imperial College London, UK
12:20-12:40	Title: Graphene and beyond for Lab-on-chip biosensor: a beginning of a new More-than-Moore era in CMOS Si foundries?
	Mohamed AZIZE , Boston University, USA
12:40-01:00	Title: Biosensing applications of silver nanorods array
	Shashank Gahlaut , Indian Institute of Technology Delhi, India
01:00-01:20	Title: 3D printed microfluidic/MEMS devices for biosensor applications
	Doug Sparks , Purdue University, USA