Meetings International

Biosensors and Bioelectronics Congress 2020

Tentative Program

3rd World Congress on
Biosensors and Bioelectronics



July 20-21, 2020
Paris, France

Theme: Future development and new intervention in biosensors and bioelectronics

www.meetingsint.com/conferences/biosensor-bioelectronics

Dear Colleagues

Meetings International extends its welcome to "3rd World Congress on Biosensors and Bioelectronics 2020" scheduled on July 20-21, 2020 in Paris, France, with the theme of "Future development and new intervention in biosensors and bioelectronics".

Biosensors and Bioelectronics Congress 2020 will serve an excellent experience and opportunities to enhance one's career. It is comprised of 12 tracks designed to offer com-prehensive sessions that address current trends in Biosensors and Bioelectronics and many more. Biosensors and Bioelectronics Congress 2020 composed of symposiums by world class researchers and experts.

Conference Highlights :

- Nanobiosensors, nanomaterials & na-noanalytical systems
- Lab-on-a-chip and multiplexed sen-sors
- Microfluidics and immobilisation tech-nology
- Commercial biosensors, manufacturing and markets
- DNA- and nucleic acid-based sensors and aptasensors
- Theranostics, implantable and ingestible sensors
- Novel transducers and Photonic Sen-sor Technologies
- Printed biosensors and microfabrica-tion
- Organism-, whole cell- and organ-based biosensors
- Enzyme-based biosensors
- Smartphone diagnostics, wearable bi-osensors and mobile health
- Bioelectronics and Bioinstrumentation

Submit Your Abstract!!

Day 1: July 20, 2020	
Conference Hall	
09:00 -09:45	Registration
09:45-10:15	Opening ceremony
Keynote Session	
10:35-11:15	Title: Nanomaterials for Electrochemical (Bio)Sensing: Electrochemical Synthesis
	Domenica Tonelli, University of Bologna, Italy
11.15-11.55	Title: Portable and wearable chemical sensors based on organic electrochemical transistor: from materials to devices
	Isacco Gualandi, University of Bologna, Italy
11.55-12.35	Title: Organic Electrochemical Transistors: versatile platforms for Bioelectronics
	Federica Mariani, University of Bologna, Italy
Group Photo & Refreshment Break 12.35-12.45	
Oral Sessions I | Biosensors | Bio-sensing Technologies |Bio-MEMS/NEMS | Nanobiosensors & nanomaterials | Lab-on-a-chip and multiplexed sensors | Microfluidics and immobilisation technology	
12.45-01.15	Title: Label-free Capacitive Biosensors
	Paulo Roberto Bueno, Sao Paulo State University, Brazil
01.15-01.45	Title: Chronopotentiometric in vivo bioassay by using skin tattoo wearable diagnostic sensing smartphone analyzer
	SuwYoung Ly, Seoul National University of Science & Technology, Korea
Lunch Break (01.45-02.30)	
02.30-03.00	Title: Effect of Cobalt Catalyst Confinement in Carbon Nanotubes Support on Fischer-Tropsch Synthesis Performance
	Omid Akbarzadeh, University of Malaysia, Malaysia
03.00-03.30	Title: Sensor integration in a brain blood barrier on a chip
	Monica Mir, University of Barcelona, Spain
03.30-04.00	Title: IoTRing: A Trusted bio-inspired Sensing Approach
	Sasan Adibi, Deakin University, Australia
Networking & Refreshment Break (04.00-04.10)	
04.10-04.40	Title: Below ppm ammonia gas detection using and innovative polyaniline based conductometric sensor
	Iulia Antohe, National Institute for Lasers, Romania
Speaker Slot Availble!!	
Poster Presenation	
Conference Adjournment	

Day 2: July 20, 2020	
10:20-10:35	Opening ceremony
Keynote Session	
10:35-11:15	Title: Imaging Cellular Forces with Nucleic Acid-based Tension Sensors
	Xuefeng Wang, Iowa State University, USA
11.15-11.55	Title: Epigenetic leukocyte subtyping using digital droplet PCR for hematological diagnostics
	Lidija Malic, National Research Council of Canada, Canada
Group Photo & Refreshment Break (11.55-12.05)	
Oral Sessions I |Nucleic acid-based sensors and Aptasensors | Whole cell- and organ-based biosensors | Enzyme-based biosensors	
12.05-12.35	Title: Near field non-invasive electrophysiology of retrotrapezoid nucleus using amperometric cation sensor
	Sujasha Gupta, The Ohio State University, USA
12.35-01.05	Title: Aptasensors for detection of small molecules
	Arghya Sett, Universite de Bordeaux, France
Lunch Break (01.05-02.00)	
Poster Presentation | Printed biosensors and microfabrication | Wireless Sensor Networks	
02.00-02.20	Title: Fabrication of new biosensor based on gold nanoparticles and chitosan matrix for selective detection of chlorophenol and nitrophenol
	Hicham Meskher, University of Kasdi Merbah, Algeria
02.20-02.40	Title: Molecular imprinting polymers electrochemical sensor for highly sensitive detection of carcinoma embryonic antigen
	Fatah Benmoussa, University Of Kasdi Merbah, Algeria
Speaker Slots Available!	

About Paris

Paris is that the capital of France and could be a major European town and a world cen-ter for art, fashion, gastronomy, and culture. Its 19th-century cityscape is crisscross by wide boulevards and therefore the watercourse Seine. on the far side such landmarks because the tower and therefore the 12th-century, Gothic Notre-Dame cathedral, town is thought for its restaurant culture and designer boutiques. Paris has been one amongst Europe's major centers of finance, commerce, fashion, science, and therefore the arts. Paris is usually stated because the town of sunshine, each thanks to its leading role throughout the Age of Enlight-enment, and a lot of virtually as a result of Paris was one amongst the primary massive European cities to use gas street lighting on a grand scale on its boulevards and monuments.



Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations

No doubt you have lots of queries... Why not get in touch..!

Drop us your query with details and we will call you right away

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Previous Conference Program
Biosensors and Bioelectronics 2019
November 27-28, 2019 | Singapore

November 27, 2019 | **Conference Agenda** | **Day 1**

Conference Hall: Roxy 2 Room, Level 4

09:00-09:30 Registration

09:30-10:00 Introduction

Keynote Forum

10:00-10:40 **Title: Non- Enzymatic colorimetric sensor for cardiac troponin I (cTnI) based on self-assembly of gold nanorods on heparin**
Saji Alex, National Institute of Interdisciplinary Sciences and Technology, India

10:40-11:20 **Title: Conductometric enzyme biosensor for determination of heavy metal ions in water solution**
Viktoriya Pyeshkova, National Academy of Sciences of Ukraine, Ukraine

Group Photo 11:20-11:25

Networking & Refreshment Break 11:25-11:40 @ Foyer

Oral Session I:
Biosensors | Bio-sensing Technologies | Bioelectronics | Bio-MEMS/NEMS | Biosensors for Environmental Monitoring

Session Chair: **Viktoriya Pyeshkova,** National Academy of Sciences of Ukraine, Ukraine

11:40-12:20 **Title: Skin-like biosensor system via electrochemical channels for noninva-sive blood glucose monitoring**
Yihao Chen, Tsinghua University, China

12:20-13:00 **Title: Electrochemically confined nanopore sensing: from single molecule to single cell**
Si-Min Lu, East China University of Science and Technology, China

Lunch Break 13:00-14:00 @ East buffet restaurant

14:00-14:40 **Title: An on off on fluorescence sensor for the detection of tetracycline and levofloxacin antibiotics**
Smriti sri, Jawaharlal Nehru University, India

14:40-15:30

Workshop

Title: Design and fabrication of bioresorbable chips for recording electrocorticography signals

Suman Chatterjee, Bhushan V, Indian Institute of Science, India

Networking & Refreshment Break 15:30-15:50 @ Foyer

Oral Session II:
Nano-bioelectronics | Bioinstrumentation | Optical Biosensors

Session Chair: **Viktoriya Pyeshkova,** National Academy of Sciences of Ukraine, Ukraine

15:50-16:30

Title: Nanoparticles enhanced optomagnetic microfluidic biosensor

Chunxiu Liu, Chinese Academy of Sciences (IECAS), Beijing, China

16:30-17:10

Title: Molecularly imprinted polyaniline film based chemosensor for the detection of melamine from infant formula

Melkamu Biyana Regasa, Jimma University, Ethiopia

Poster Presentations

BS - 001

Title: Development of real-time and label-free Immunoassay Chips by using IGZO(Indium Gallium Zinc Oxide)-TFT(Thin Film Transistor)-based biosen-sors

Dongchen Zhu, University of Tokyo, Japan

BS - 002

Title: Optimizing dielectrophoresis for circulating tumor cells analysis: influ-ence of suspending medium

Marius Olariu, Technical University, Romania

Conference Adjournment

