

WEDNESDAY, OCTOBER 5, 2016, 3rd INTERNATIONAL CONGRESS ON BIOSENSORS

08:30-09:30	Registration
09:30-09:45	Opening Talk Memed Duman (Congress Chair), Hacettepe University Prof. Dr. A. Haluk Özen (Rector-Honorary President), Hacettepe University
Session Chair: Dirk Mayer	
09:45-10:30	Plenary Speaker - Arben Merkoçi, Catalan Institute of Nanoscience and Nanotechnology PS0101 - <i>"Nanomaterials-based sensors for diagnostics applications"</i>
10:30-11:00	Invited Speaker - Vural Gökmen, Hacettepe University IS0101 - <i>"Machine Vision-Tool to Monitor Food Quality and Safety During Processing"</i>
11:00-11:15 Coffee Break	
Session Chair: Arben Merkoçi	
11:15-11:45	Invited Speaker - Suna Timur, Ege University IS0102 - <i>"Integration of Biomolecules to Electrochemical and Optical Systems"</i>
11:45-12:15	Invited Speaker - Alper Kiraz, Koç University IS0103 - <i>"Optofluidic Microresonators for Bio/Chemical Sensing Applications"</i>
12:15-12:30	Oral Presentation - Gökhan Bakan, Antalya International University OP0101 - <i>"Pattern-Free, CMOS Compatible Infrared-Absorption-Spectroscopy Surfaces for Sensing Bio-Molecule Monolayers"</i>
12:30-12:45	Oral Presentation - Müslüm Kaan Arıcı, Middle East Technical University OP0102 - <i>"Salmonella Detection via Silica Nanoparticle based Lateral Flow Test Platform"</i>
12:45-13:00	Oral Presentation - Nilgün Dükar, Ordu University OP0103 - <i>"miRNA Sensing Self-Propelled Hybrid Micromotors"</i>
13:00-14:30 Lunch Break	
Session Chair: Mustafa Kemal Sezgintürk	
14:30-15:00	Invited Speaker - Canan Dağdeviren, Harvard University IS0104 - <i>"An 'Unusual' Story: The Biology Meets Its Match "</i>
15:00-15:30	Invited Speaker - Filiz Kuralay, Ordu University IS0105 - <i>"Impact of Nanotechnology on Biomedical Sciences: Biosensing and Drug Delivery"</i>
15:30-15:45	Oral Presentation - Murat Serhatlıoğlu, Bilkent University OP0104 - <i>"Fabrication and Characterization of Miniaturized Optical Flow Cytometry Design"</i>
15:45-16:00	Oral Presentation - Zeynep Çağlayan, Middle East Technical University OP0105 - <i>"Dielectrophoretic Spectra of Polymorphonuclear White Blood Cells"</i>
16:00-16:15 Coffee Break	
Session Chair: Suna Timur	
16:15-16:45	Invited Speaker - Humphrey Yiu, Heriot Watt University IS0106 - <i>"Surface Functionalization of Nanoparticles for Immunosensing of Biomolecules"</i>
16:45-17:00	Oral Presentation - Rükân Genç, Mersin University OP0106 - <i>"Synthesis of Functionalized Fluorescent Carbon Nanoparticles as Artificial Enzymes and Signaling Tools for Their Use in Bioanalysis"</i>
17:00-17:15	Oral Presentation - Selmihan Şahin, Süleyman Demirel University OP0107 - <i>"Preparation of Polypyrrole based Electrodes for Glucose 6-Phosphate Determination"</i>
17:15-19:00 Poster Presentations Session 1 PP0101-PP0156	

THURSDAY, OCTOBER 6, 2016, 3rd INTERNATIONAL CONGRESS ON BIOSENSORS

Session Chair: Haluk Külah

09:00-09:30	Invited Speaker - Dirk Mayer, Forschungszentrum Jülich IS0201 - <i>"Aptamer-based Biosensor with Electrochemical Current Rectification as Signal Amplification Strategy"</i>
09:30-10:00	Invited Speaker - Selim Ünlü, Boston University IS0202 - <i>"Multiplexed Digital Detection of Protein Biomarkers for Cancer Diagnosis"</i>
10:00-10:15	Oral Presentation - Hilay Şencan, Boğaziçi University OP0201 - <i>"Investigation of Protein Adsorption on Gradually Reduced Graphene Oxide Modified Surfaces by QCM"</i>
10:15-10:30	Oral Presentation - Erhan Zor, Necmettin Erbakan University OP0202 - <i>"Paper-based Sensors as Optical Chiral Discrimination Platform"</i>
10:30-10:45	Oral Presentation - Derya Bal Altuntaş, Recep Tayyip Erdoğan University OP0203 - <i>"Biochar-Metalic Nanocomposite based Glassy Carbon Paste Electrode Glucose Biosensors"</i>

10:45-11:00 Coffee Break

Session Chair: Selim Ünlü

11:00-11:30	Invited Speaker - Haluk Külah, Middle East Technical University IS0203 - <i>"BioMEMS and Microfluidic Devices for Lab-on-a-Chip Applications"</i>
11:30-12:00	Invited Speaker - Mustafa Kemal Sezgintürk, Namık Kemal University IS0204 - <i>"ITO based Disposable Biosensors and New Immobilization Agents"</i>
12:00-12:15	Oral Presentation - Ziya Işıksaçan, Bilkent University OP0204 - <i>"Point-of-Care Measurement of Erythrocyte Sedimentation Rate"</i>
12:15-12:30	Oral Presentation - Fatma Doğan, Eskişehir Osmangazi University OP0205 - <i>"Nanopore-Integrated Microfluidic Biosensors with Single Molecule Detection Capability"</i>
12:30-13:00	Oral Presentation - Yeliz Yavuz Çelik S0201 - <i>"Metrohm Autolab and DropSens News"</i>

13:00-14:30 Lunch Break

Session Chair: Yıldız Uludağ

14:30-15:00	Invited Speaker - Uğur Tamer, Gazi University IS0205 - <i>"Rapid Detection Strategies for Pathogens Using Functionalized Nanoparticles"</i>
15:00-15:15	Oral Presentation - Murat Uygun, Adnan Menderes University OP0206 - <i>"Biomimetic Carbon Dioxide Sequestration by Using Carbonic Anhydrase Attached Micromotors"</i>
15:15-15:30	Oral Presentation - Mustafa Yorulmaz, ASELSAN Research Center OP0207 - <i>"Single-Particle Imaging for Biosensor Applications"</i>
15:30-15:45	Oral Presentation - Kutay İçöz, Abdullah Gül University OP0208 - <i>"Cell Phone Microscopy + Image Processing: Low Cost Readout Method for BioMEMS"</i>
15:45-16:00	Oral Presentation - Sevde Altuntaş, TOBB Economics and Technology University OP0209 - <i>"Detection of Alzheimer's Protein on Polycarbonate Nanopillared Films by Using Surface Enhanced Raman Spectroscopy"</i>

16:00-16:15 Coffee Break

Session Chair: Alper Kiraz

16:15-16:45	Invited Speaker - Yıldız Uludağ, TÜBİTAK BİLGEM IS0206 - <i>"MiSens Device as a New Automated Biosensing Platform based on Real-time Electrochemical Profiling (REP)"</i>
16:45-17:00	Oral Presentation - Eda Çelik, Hacettepe University OP0210 - <i>"Glycophage based Array as an Alternative Biosensor for Pathogen Detection"</i>
17:00-17:15	Oral Presentation - Resul Sarıtaş, Siirt University OP0211 - <i>"Detection of Micro and Nanoparticles in a Microfluidic Device Using Resistive Pulse Sensing Technique"</i>

17:15-19:00 Poster Presentations Session 2

PP0201-PP0256

19:30 Gala Dinner

FRIDAY, OCTOBER 7, 2016, 3rd INTERNATIONAL CONGRESS ON BIOSENSORS

Session Chair: Filiz Kuralay

09:00-9:30	Invited Speaker- Urartu Özgür Şafak Şeker, Bilkent University IS0301- <i>"Synthetic Genetic Circuits Operated Whole Cell Biosensors"</i>
09:30-10:00	Invited Speaker- Adil Denizli, Hacettepe University IS0302- Presentation title will be added
10:00-10:15	Oral Presentation- Fatih Şen, Dumlupınar University OP0301- <i>"Next Generation Biosensors: Near-Infrared Fluorescent Single-Walled Carbon Nanotubes"</i>
10:15-10:30	Oral Presentation- Meltem Okan, Hacettepe University OP0302- <i>"Molecularly Imprinted Polymer based Microcantilever Sensor for the Selective Determination of Erythromycin in Water Resources"</i>

10:30-10:45 Coffee Break

Session Chair: Urartu Özgür Şafak Şeker

10:45-11:15	Invited Speaker- Ömür Çelikbıçak, Hacettepe University IS0303- <i>"Mass Spectrometry in Biomedical Research"</i>
11:15-11:30	Oral Presentation- Hasret Subak, Yüzüncü Yıl University OP0303- <i>"Electrochemical Detection of Interaction Between Plantago Anatolica and DNA by Using Disposable Biosensors"</i>
11:30-11:45	Oral Presentation- Mehmet Yılmaz, Sinop University OP0304- <i>"Thin Films of p-type Organic Semiconductors as SERS Substrates"</i>
11:45-12:00	Oral Presentation- Gözde Aydoğdu Tığ, Ankara University OP0305- <i>"Simultaneous Electrochemical Determination of Ascorbic acid, Dopamine and Uric Acid based on Gold Nanoparticles-Graphene oxide-Poly-(2,6-Pyridinedicarboxylic Acid) Modified Electrode"</i>
12:00-12:15	Oral Presentation- Irmak Karaduman, Gazi University OP0306- <i>"Acetone Gas Sensor based on ZnO Nanostructure Produced by Successive Ionic Layer Adsorption and Reaction (SILAR) Method"</i>
12:15-12:30	Oral Presentation- Pinar Kara, Ege University OP0307- <i>"Biosensing Strategy for Detection of Bacterial Susceptibility Against Beta Lactamases"</i>
12:30-12:45	Oral Presentation- Dilber Ece Sezgin, Eskişehir Osmangazi University OP0308- <i>"RNA SELEX for Green Fluorescent Protein and Application of Selected Aptamer to Optic Biosensors"</i>

12:45-14:30 Lunch Break

Session Chair: Ömür Çelikbıçak

14:30-15:00	Invited Speaker- Arzum Erdem Gürsan, Ege University IS0304- <i>"Nanomaterials Integrated Electrochemical Biosensors"</i>
15:00-15:15	Oral Presentation- Günnur Güler- Ege University OP0309- <i>"Rapid Detection of Disease Biomarkers with ATR-FTIR Spectroscopy"</i>
15:15-15:30	Oral Presentation- Derya Koyuncu Zeybek, Dumlupınar University OP0310- <i>"A Label-Free Electrochemical Immunosensor based on ERGO for Determination of Hemoglobin A1c"</i>
15:30-15:45	Oral Presentation- Gülgün Aylaz, Hacettepe University OP0311- <i>"A Novel Fiber based MALDI Probe for Selective Detection of Ciprofloxacin"</i>
15:45-16:00	Oral Presentation- Zeeshan Rashid, Koç University OP0312- <i>"Smart Surface based Guiding of Microdroplets Over Laser Ablated Sinusoidal Rail"</i>
16:00-16:15	Oral Presentation- Recep Üzek, Hacettepe University OP0313- <i>"Functional GQDs Nanocomposite Fabricated for Direct and Rapid Detection of BPA with Paper Based Fluorescent System"</i>

16:15-17:15 Closing and Award Ceremony