

## Symposium

### Oral presentation

#### Room Virgo, Monday - Wednesday

- s2 Vincent Friebe, Mike R. Jones, Raoul N. Frese, Roberta Croce, *In situ Time-Resolved Spectroelectrochemistry Reveals Limitations of Biohybrid Photoelectrode Performance*, **Abstract**.
- s2 Elena Ferapontova, *Electrocatalytic Assays for Ultrasensitive Detection of Cancer Protein Biomarker in Human Serum*, **Abstract**.
- s2 Ariba Aziz, Wojceich Nogala, *Scanning Electrochemical Microscopy: Measurement of Biocatalytic Activity of Immobilized Catalase by Analyzing Images of Oxygen Flux*, **Abstract**.
- s2 Keerthana S, Ponpandian N, *Tungsten carbide tethered with stabilized lipid bilayers for the ultrasensitive impedimetric immunosensor towards carcinoembryonic antigen detection*, **Abstract**.
- s2 Caroline G. Sanz, Daniel N. Crisan, Ricardo J.B. Leote, Melania Onea, Madalina M. Barsan, *Bioconjugates of Mercaptocarboxylic Acids Functionalized AuNP and Superoxide Dismutase for Superoxide Monitoring*, **Abstract**.
- s2 Tracy Ha, Jhanelle White, Kavita Garg, Albert Aragonès, Ismael Díez-Pérez, *Electrochemical Detection of Catalysis in a Single Enzymatic Junction*, **Abstract**.
- s2 Monika Hermanová, Marcela Hrusková, Hana Pivonková, Miroslav Fojta, *DNA labeling with Thiopyrimidines as Hydrogen Evolution Catalysts*, **Abstract**.
- s2 Miroslav Fojta, Hana Pivonková, Monika Hermanová, Stanislav Hason, *Interfacial Properties and Electrochemical Reduction of Homocytosine Blocks in DNA Oligonucleotides*, **Abstract**.
- s2 Giada Caniglia, Gözde Tezcan, Dimitrios Valavanis, Patrick Unwin, Christine Kranz, *Electrochemical Deposition of Silver-Nanoparticles and Investigation of Their Antimicrobial Activity Using Scanning Probe Microscopies*, **Abstract**.
- s2 Alonso Gamero-Quijano, Tewfik Soulimane, Thompson Damien, Scanlon Micheál D., Grégoire Herzog, *Distinguishing the Electrochemical Signatures of Inter- and Trans-membrane c-Type Cytochromes at a Polarised Liquid|Liquid Interface*, **Abstract**.
- s2 Julia Alvarez-Malmagro, Carina Figueiredo, Merve Keser, Miguel Alcalde, Francisco Prieto, Marcos Pita, Antonio L. De Lacey, *A novel Galactose Amperometric Biosensor based on Engineered Galactose Oxidase cysteine mutants*, **Abstract**.
- s2 Daniel Kaufman, Hadar Ben-Yoav, William E. Bentley, *Activating Behavioral Response in Single Bacterial Cells by using Bioelectrochemical Signals*, **Abstract**.
- s2 Omer Yehezkeli, *Coupling Enzymes with Electrodes for Biosensing, Biofuel Cells, or Biomass to Electricity Conversion*, **Abstract**.

- s2 Nelia Sanga, Samantha Douman, Emmanuel Iwuoha, Keagan Pokpas, *Tungsten Telluride Quantum dot-based aptasensor for an Emerging Prostate Cancer Biomarker (AMACR)*, **Abstract.**
- s2 Simin Arshi, Kim Shortall, Edmond Magner, Julia Alvarez Malmagro, Xinxin Xiao, Simin Arshi, Serguei Belochapkin, *Design of Enzymatic Cascade Reactors for Enantioselective Oxidation Reactions*, **Abstract.**
- s2 Taise Leite, Taise Leite, Tassia Oliveira, Ester Sabino, Erika Manuli, Ronaldo Faria, *Development of a disposable Electrochemiluminescent device for the COVID-19 diagnosis*, **Abstract.**
- s2 Elisabeth Lojou, Camilla Artner, Bastian Bohrer, Luca Pasquini, Ievgen Mazurenko, Norah Lahrach, Deborah Byrne, Anne de Poulpiquet, *Can a non-fluorinated ionomer be an alternative to Nafion for efficient O<sub>2</sub> enzymatic reduction?*, **Abstract.**
- s2 Sascha Morlock, Senthil Subramanian, Athina Zouni, Fred Lisdat, *Photobioelectrodes Exploiting the Direct Interaction Between Indium Tin Oxide and Photosystem I*, **Abstract.**
- s2 Fred Lisdat, Shuang Zhao, Marc Riedel, Zhao Yue, Wolfgang Parak, *Photonic enhancement of photoelectrochemical sensing systems*, **Abstract.**