Poster Session Program Monday 22 June 2026 h 18-20

Session code	Thematic area
S1	bioelectrocatalysis for green synthesis and bioremediation
S2	smart bioelectrochemical interfaces for biosensing and diagnostics
S3	microbial electropower: from electron shuttles to electrogenic networks
S4	modeling and mechanisms in bioelectrochemistry
S5	micro/nanoarchitectures for bioelectrochemical innovation
S6	bioelectrochemical energy: from photosynthesis to power
S7	electroactive biointerfaces: stimulating cells, tissues and networks

Thematic code	Poster code	Presenter	Title
S1	S1P1	Bang Yuna	Construction of NADH-Recycling Bioelectrocatalytic Interface via Alphafold 3-guided Site-Specific Redox Enzyme Co-immobilization
S1	S1P2	Filmon Dawit Tedros	Tuning the [FeFe]- Hydrogenase from Clostridium Beijerinckii into an Efficient H2 Oxidation Catalyst using a Redox-active Matrix
S1	S1P3	Lim Trinh Kelly	External Coupling of Enzymatic Redox Reactions
S1	S1P4	Altayó Sanfeliu Adrià	Far Far Away: Magnetite Nanoparticles Extend Direct Electron Transfer to the Centimeter Scale in Electroactive Biofilms
S1	S1P5	Bonizol Zani Ana Clara	An Isolate From a Bioelectrochemical System Can Reduce CO2 at Low Overpotentials
S1	S1P6	Caucia Gabriella	Harnessing Geothermal Soils for CO2 Bioelectrochemical Reduction
S1	S1P7	Chanthalavong Sithisak	Spectroelectrochemical Study of Nitrite Reductases on Ultrathin Film Antimony-Doped Tin Oxide Electrodes
S1	S1P8	Cohen Roy	Synthesis of Renewable Fuel from Butanol Using a Bias-Free and Light-Driven Enzymatic Biofuel Cell
S1	S1P9	Digregorio Alessandro	Melanin-Inspired Coatings for Enhanced Carbon Photoconversion in Microalgae
S2	S2P1	A. Lima Lucas	Bromocresol-like mimetic antibody combined to prussian blue for probe-free detection of serum albumin
S2	S2P2	Gamero-Quijano Alonso	Electrothermal Mapping of Cytochrome c Conformational Dynamics at a Biomimetic Aqueous|Organic Interface
S2	S2P3	Andreea Cernat	AI-driven electrochemical detection of bacteria markers
S2	S2P4	Banciu Roberta Maria	Exploring the potential of a silver nanoparticle-modified electrode for EC-SERS studies
S2	S2P5	Belcastro Laura	Tuning Nitrogen-doped Graphene-Prussian Blue hybrid interfaces for enzymatic immobilisation and electrochemical sensing

S2	S2P6	Bollella Paolo	Bridging the Gap to Clinical Translation: Standardization and Benchmarking of Wearable Bioelectrochemical Sensors
S2	S2P7	Breuer Hannah	Histamine Degrading Enzymes for Biosensor Applications
S2	S2P8	Buppasirakul Krittamate	A Two-Electrode Ferricyanide-Mediated Electrochemical Method for Immediate Microbial Susceptibility Profile
S2	S2P9	Checcozzo Agata	Development of an electrochemical sensor for the monitoring of Heavy metals in wastewater and surface
S2	S2P10	Davoudian Katharina	Electrochemical Biosensing of Lysophosphatidic Acid Enables Early Ovarian Cancer Diagnosis
S2	S2P11	Emiroglu Bolukbas Elifcan	Minute-scale electrochemical analysis of cancer cell–anticancer drug interactions at an electrode-confined biointerface
S2	S2P12	Iacobellis Ilaria	Bio-Electronic Sensor for Early Xylella Fastidiosa Detection
S2	S2P13	Kara Pinar	Development of a Prototype Immunosensor for Diagnosis of the Demyelination Biomarker PMP22 in the Peripheral Nervous System and Its Application in Patients with Diabetic Neuropathy
S2	S2P14	Kara Pinar	Development of a Prototype Nano Immunosensor with Nanomaterial Modified 3D Printed Electrodes
S2	S2P15	Kizek Rene	Analysis of metallothionein in the blood serum of patients with malignant tumors
S2	S2P16	Kizek Rene	Bioelectrochemical analysis of myxovirus resistance protein A
S2	S2P17	Kurzatkowska-Adaszynska Katarzyna	Magnetic Nanoparticle-Based Dual Aptasensor for Multiplex Electrochemical Detection of Aminoglycosides
S3	S3P1	Baron Diaz Daniel	Characterisation of mediated electron transfer for anodic respiration in bioelectrochemical systems
S3	S3P2	Brachi Monica	Unveiling exoelectrogenesis in cyanobacteria by pulse voltammetry
S3	S3P3	Di Fonzo Rosa Pia	Carbon dots-functionalized intact purple bacteria for enhancing biophotoelectrodes performance
S3	S3P4	Hubenova Eleonora	Dyes-enriched wastewater removal by microbial electrochemical snorkel
S3	S3P5	Russo Simone	Carbon Nanodots as Multifunctional Electrode Modifiers for Microbial Fuel Cells
S4	S4P1	Camargo Dalmatti Alves Lima Filipe	Turning STM Conductance Maps into Electron-Transfer Kinetics in Redox Proteins: a Landauer–Marcus Route
S4	S4P2	Carla Scharbach	Aromatic Tyr/Trp Networks Prevent Oxidative Damage in Multicopper Oxidases: Quantifying ROS Formation by RRDE upon Systematic Pathway Disruption
S4	S4P3	Meraki Gulsum Ece	Unraveling the Interaction Between Lansoprazole and Serum Albumin Using Spectroscopic and Electrochemical Methods

S4	S4P4	Sadak Selenay	Apta-MIP Based Electrochemical Sensor for the Detection of L-citrulline
S4	S4P5	Uslu Bengi	Development of a Molecularly Imprinted Polymer- and Aptamer-Based Electrochemical Diagnostic Kit for the Detection of Monocyte Chemoattractant Protein-1 (MCP-1)
S5	S5P1	Sfragano Patrick Severin	PFOA screening using electrochemical sensors based on molecularly imprinted poly(o-PD)
S5	S5P2	Ftodiev Andreea-Iuliana	Rapid determination of pesticide levels from vegetables surface using the inhibition of aldehyde dehydrogenase from Flavobacterium PL002 coupled with SERS
S5	S5P3	Laschi Serena	Smart Prototyping Applied to Electrochemical Monitoring of Environmental Relevant Pollutants
S5	S5P4	Palys Barbara	Studies of the Graphene Oxide – Gold Nanoparticles Interaction for Highly Sensitive Enzyme Free H2O2 Detection
S6	S6P1	Petrova Nia Z.	Green algal strains and electron shuttles: optimal pairing increases electric current production
S6	S6P2	Shaikh Mohd Kashif	Light induced exoelectrogenesis in highly potential strain Parachlorella kessleri; media engineering and application potential
S6	S6P3	Grattieri Matteo	Engineering Photosynthetic Bacteria-based Bioelectrochemical Systems for Solar Fuels, Current Generation, and Self-Powered Biosensors
S6	S6P4	Lasala Pierluigi	Engineering gold nanoparticle-bacteria interfaces for enhanced extracellular electron transfer
S7	S7P1	Poltorak Lukasz	Biomimetic liquid-liquid interface for bioelectrochemical applications