

Posters List

Poster ID	Presenter	Title
P01	Baldauf S	Structure-guided investigation of parameters determining enzyme-catalyzed reactions
P02	Bickel S	Hot-spots of Microbiome Innovation: AI strategies for the discovery of Microbe-Mediated Environmental Contaminant Remediation
P03	Brunner S	Investigating the fibrillation process and the characteristics of nanocellulose obtained through high-pressure homogenization
P04	Bucak Gasser D	Covalent Crosslinking of Alginate by Native Chemical Ligation
P05	Eder OM	The FSA method: enabling the identification of spectral tuning sites in the red light photoreceptor <i>IsPadC</i>
P06	Egger M	Xanthates: Powerful single-source precursors for highly porous metal sulfides
P07	Festl W	Alkyne-Functionalized D- <i>manno</i> -C-Glycosides: Synthetic Hurdles and Unexpected Outcomes
P08	Fulanovic L	Deformation and strain measurements at high frequencies using digital image correlation
P09	Greil R	Continuous Multiphase Reactions in the Taylor-Couette Disc Contactor
P10	Haas M	Functionalized Hydrosilanes as Next-Generation Precursors for Semiconductor Applications
P11	Heidinger M	Fabricate, Degrade, Innovate: Membrane Electrode Assemblies for Polymer Electrolyte Fuel Cells
P12	Heinzel E	Modification of electrode surfaces for CO ₂ -capture
P13	Hochegger A	Food Packaging in Transition - Ensuring Safety and Quality of Recycled Materials
P14	Hofmann C	Improving Teraryl based α -Helix Mimetics via Incorporation of <i>N</i> -Heterocycles
P15	Kastner K	Enzyme Machinery for Bacterial Glucoside Metabolism via a Conserved Non-Hydrolytic Pathway
P16	König M	Reactor Design for Azo Dye Synthesis: Transfer of a Two-Step Reaction from Batch to Continuous Flow
P17	Kondinski A	Data-Driven Exploration of Self-Assembled Materials
P18	Krammer L	Diarylhalonium-based Probes for Activity-based Protein Profiling of Oxidoreductases
P19	Lambauer V	Next-Level Bioprocessing: CO ₂ Utilization by Knallgas Bacteria
P20	Li X	Metal-organic frameworks (MOFs) responsive colorimetric sensor for real-time monitoring of food quality
P21	Lipic V	Size-Controlled enzyme@ZIF Biocomposites: Influence of 1-Methylimidazole on Structure and Function
P22	Luttenberger A	Stereoselective Ring Contractions in Glycopyranosides as Key Step <i>en route</i> to Isoiminosugars
P23	Malicka I	Optical biosensors enabling glucose and lactate monitoring in microphysiological systems
P24	Mitterlindner M	CLARA: a Tool for Clustering of Flow Data to Build Compartment Models of (Bio-)Chemical Reactors

Poster ID	Presenter	Title
P25	Mohan T	Dual-Enzyme Crosslinked 3D-Printed Polysaccharide Biomaterials: Enhancing Structure, Mechanics, and Swelling Properties
P26	Oberdorfer G	Computational Protein and Enzyme Design
P27	Pint D	Scale-Up of 3D-Printed Bioreactors for Continuous-Flow Biotransformation
P28	Rath T	Synthesis of organic and hybrid semiconductors and their integration in (opto)electronic devices
P29	Reitinger P	Synthesis of ApoA1 Mimetics
P30	Schütz C	Iron and Hydrogen: Two Technological Pathways Toward Low-Carbon Energy and Industry
P31	Slaček G	3D printed scaffolds from turmeric extracts obtained by green supercritical CO ₂ extraction
P32	Spari E	Advances in Synthesis and Biological Evaluation of Ligand Directed Dibromophenyl Ester (LDBP) Probes
P33	Uhlig F, Fischer R, Flock M	Synthesis and Materials
P34	Uhlig F, Smales G	The Soft Matter Application Lab (SOMAPP Lab) and the SAXS Facilities
P35	Wassermann B	Soil and Plant Microbiome Engineering for Climate Change Mitigation
P36	Wilkening HMR	Unraveling Ultrafast Li-Ion Dynamics in the Solid Electrolyte LiTi ₂ (PS ₄) ₃ by NMR Down to Cryogenic Temperatures
P37	Wolfgang A	Next generation probiotics for plant and human health: a novel approach to develop microbiome-based biotechnological solutions
P38	Zhong C	Chemoenzymatic Synthesis of [¹⁸ F]-Labeled Sakebiose: Towards a New PET Radiotracer for Infection Imaging