



POSTER PRESENTATIONS

- P1 *Diamin-alkyl derivative functionalized Immobead T2-150 as enzyme carrier for biocatalysis in continuous flow microfluidic system*
Matild Pap, Csaba Paizs, Gabriel Katona
Babeş-Bolyai University of Cluj-Napoca, Romania
- P2 *Immobilization of phenylalanine ammonia-lyase from Arabidopsis thaliana for continuous-flow processes*
Mădălina Elena Moisă, Matild Pap, Csaba Paizs, László Csaba Bencze, Monica Ioana Toşa
Babeş-Bolyai University of Cluj-Napoca, Romania
- P3 *Enhanced Enzyme Immobilization in Agarose-based Hydrogels*
Martin Peng, Christof M. Niemeyer, Kersten S. Rabe
Karlsruhe Institute of Technology, Germany
- P4 *Microfluidics-based generation of crosslinked horseradish peroxidase nanoaggregates and pallidol synthesis from resveratrol*
Marko Božinović, Francesca Annunziata, Sabrina Dallavalle, Polona Žnidaršič-Plazl
University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia
- P5 *Development of a continuous δ -viniferin synthesis in a microreactor with immobilized horseradish peroxidase*
Natalija Tomažin, Marko Božinović, Francesca Annunziata, Andrea Pinto, Polona Žnidaršič-Plazl
University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia
- P6 *Membrane microreactor with immobilized His-tagged enzymes for continuous transamination*
Borut Šketa, James L. Galman, Marina Klemenčič, Nicholas J. Turner, Polona Žnidaršič-Plazl
University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia; Chair of Microprocess Engineering and Technology - COMPETE, Slovenia
- P7 *Simultaneous amine transaminase aggregation and immobilization from cell lysate in a microfluidic system*
Borut Šketa, Marko Božinović, Polona Žnidaršič-Plazl
University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia; Chair of Microprocess Engineering and Technology - COMPETE, Slovenia
- P8 *Microfluidic devices for scaling-down biocatalysis and enzyme stability studies*
Maria Rodriguez-Torres, Elif Erdem, Ulrich Krühne and John M. Woodley
Technical University of Denmark, Denmark
- P9 *Novel magnetic nanoparticle-based flow reactors for biocatalytic production of enantiopure alcohols and amines*
Fausto Macgyver Wanderley Gouveia Silva, Ali Obaid Omarah, József Szemes, László Tuba, Orsolya Takács, Ágnes Malta-Lakó, Evelin Santa-Bell, Akan Mustashev, Naran Bataa, Balázs Decsi, Diána Balogh-Weiser, László Poppe
Budapest University of Technology and Economics, Hungary
- P10 *Application of cross-linked enzyme crystals of halohydrin dehalogenase HheG D114C in microfluidics*
Lina Ahlborn, Lanting Xiang, Iordania Constantinou, Anett Schallmeyer
Technische Universität Braunschweig, Germany
- P11 *Design of Novel Pathways for Production of High Value-added Chemicals in Multi-Enzyme Cascades*
Yingjie Pan, Christoph Flamm
Institute of Theoretical Chemistry, University of Vienna, Austria
- P12 *Rapid discovery and development of enzymes for novel and greener consumer products (RadicalZ)*
Simone Antonio De Rose, Misha Isupov, Fabrice Gielen, **Jennifer Littlechild**
University of Exeter, United Kingdom

- P13 *Use of cpGFP to monitor the real-time signal response of bacterial stress during fermentation processes*
Della-Rosa, M.E., Morth, J.P., Kruhne, U., Kilstруп, M.
Technical University of Denmark, Denmark
- P14 *Enzymatic dimerization of 4-hydroxyphenethyl acetate with different co-solvents*
Larisa Fabjan, Borut Šketa, Francesca Annunziata, Janez Košmrlj, Lucia Tamborini, Andrea Pinto,
Polona Žnidaršič-Plazl
University of Ljubljana, Faculty of Chemistry and Chemical Technology
- P15 *Bacillus sp. endospore-assisted biosensor for fast antioxidant capacity measurement in a microfluidic device*
Mojca Seručnik, Jure Belej, Katarina Šimunović, Ines Mandić-Mulec, Polona Žnidaršič-Plazl
University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia
- P16 *Design of biocatalytic oxidative reactions with deep-eutectic solvents*
I. Perkovic, J. Garcia-Montalvo, V.E. Santos, M. Ladero, J.M. Bolivar
Department of Chemical and Materials engineering, Faculty of Chemical Sciences, Complutense
University of Madrid