

BPP 2024 - Luxembourg
Selected posters

ABSTRACT	TITLE	SPEAKERS	AUTHORS	LABOS
P1	Sustainable pectin extraction from apple pomace using (natural) deep eutectic solvents	Andrejc Kristina	Andrejc Kristina (1), Arnič Monika (1), Šešljija Sanja (2), Likozar Blaž (1), Vicente Filipa A. (1)	1 - National Institute of Chemistry [Ljubljana] (Slovenia), 2 - Institute of Chemistry, Technology and Metallurgy [Serbia]
P2	Dual process for improved recovery of essential oil and pectin from citrus waste	Bárzana Eduardo	Bárzana eduardo (1)	1 - Facultad de Química-UNAM (Mexico)
P3	Optimization of biomolecule extraction from <i>Spirulina platensis</i> with [bmim][Cl] following a direct contact approach	Zurita Alba	Zurita Alba (1), Mateo-Sanz Josep Maria (1), Torrens Esther (1), Bengoa Christophe (1)	1 - Universitat Rovira i Virgili (Spain)
P4	Bio-based ionic liquids for dissolving biopolymers and extracting bioactive compounds	Bouquillon Sandrine	Bouquillon sandrine (1), Mbakidi jean-Pierre	1 - Institut de Chimie Moléculaire de Reims (France)
P5	Crustacean DES extracts incorporation in cellulose fibers and other papermaking products	Burgar Irena	Burgar Irena (1) (2), Likozar Blaž (1) (2), Sežun Mija (3), Andre Vicente Filipa (1), Osojnik Črnivec Ilja Gasan (1) (2)	1 - Department of Catalysis and Chemical Reaction Engineering, National Institute of Chemistry (Slovenia), 2 - Center for Development, Demonstration and Training for Carbon-Free Technologies, National Institute of Chemistry (Slovenia), 3 - Pulp and paper institute (Slovenia)
P6	Expression and Purification of a novel Suckerin for bio-based materials	Domingos Catarina	Domingos Catarina (1) (2), Costa Henrique (1) (2), Leitão Mafalda (1) (2), Dias Margarida (1) (2), Roque Ana Cacília (1) (2)	1 - Associate Laboratory i4HB - Institute for Health and Bioeconomy (Portugal), 2 - Unidade de Ciências Biomoleculares Aplicadas (Portugal)
P7	Effect of ultra-high pressure homogenization on the protein extraction of <i>Chlorella vulgaris</i>	Fortuin Jennyfer	Fortuin Jennyfer (1)	1 - Luxembourg Institute of Science and Technology (Luxembourg)
P8	Isolation and physicochemical characterization of cocoa-derived exosome-like nanovesicles from cocoa pulp and husk residues as a first step towards an integrated cocoa biorefinery	Gonzalez-Valdez Jose	Tapia-Aguayo Andrea (1), Fernandez-Niño Miguel (2), Wessjohann Ludger A. (2), Ramos-Parra Perla Azucena (1), Gonzalez-Valdez Jose (1)	1 - Tecnológico de Monterrey = Monterrey Institute of Technology (Mexico), 2 - Leibniz-Institut für Pflanzenbiochemie (Germany)
P9	Use of the reactive/transport dispersive models to simulate a monolithic anion exchanger	Gonzalez-Valdez Jose	Dominguez-Lopez Luis Gilberto (1), Mejia-Manzano Luis Alberto (1), Gonzalez-Valdez Jose (1)	1 - Tecnológico de Monterrey = Monterrey Institute of Technology (Mexico)
P10	Affinity partitioning of green lentil lectin in PEG/dextran aqueous two-phase systems	Kostić Marija	Kostić Marija (1), Perović Milica (2), Bajac Branimir (1), Antov Mirjana (2)	1 - BioSense Institute University of Novi Sad (Serbia), 2 - Faculty of Technology University of Novi Sad (Serbia)
P11	Synthesis, characterization, and immobilization of a Petasis-Ugi affinity ligand in a chromatographic solid support	Natal Carolina	Natal Carolina (1) (2), Domingos Catarina (1) (2), Costa Henrique (1) (2), Dias Margarida (1) (2), Almeida Eduardo (3) (4), Nascimento André (3) (4), Peixoto Cristina (3) (4), Ferreira Luísa (1) (2), Roque Ana Cecília (1) (2)	1 - Unidade de Ciências Biomoleculares Aplicadas (Portugal), 2 - Associate Laboratory i4HB - Institute for Health and Bioeconomy (Portugal), 3 - Instituto de Biologia Experimental e Tecnológica (Portugal), 4 - Instituto de Tecnologia Química e Biológica António Xavier (Portugal)
P12	PARTITIONING OF LENTIL LECTIN IN POLYETHYLENE GLYCOL/SALT AQUEOUS TWO-PHASE SYSTEMS	Perović Milica	Perović Milica (1), Kostić Marija (2), Antov Mirjana (1)	1 - Faculty of Technology University of Novi Sad (Serbia), 2 - BioSense Institute University of Novi Sad (Serbia)
P13	Sustainable Extraction and Utilization of Chlorophyll from Microalgae for Eco-Friendly Wool Dyeing	Ribeiro Helena	Jorge Alexandre M. S. (1), Pedrosa Pedro R. M. (1), Pereira Jorge F. B. (1)	1 - University of Coimbra (Portugal)
P14	Optimization of carotenoids extraction from tomato waste using bio-based solvents	Ribeiro Helena	Ribeiro Helena (1), Pereira Jorge F. B. (1), Schuur Boelo (2)	1 - University of Coimbra, CERES, Department of Chemical Engineering (Portugal), 2 - University of Twente, Faculty of Science and Technology, Green Energy Initiative, Sustainable Process Technology Group (Netherlands)
P15	Evaluation of colorimetric pH determination methods as a potential tool in Biopartition and Purification	Rito-Palomares Marco	Flores-Delatoba Raquel (1), Ortiz-Martínez Margarita (1), Rito-Palomares Marco (1), González-González Mirna (1)	1 - Tecnológico de Monterrey (Mexico)
P16	Antioxidants From Luxembourgish Grape Pomaces for Dietary Supplements	Schleeh Thomas	Schleeh Thomas (1), Corte-Real Joana (1), Archaimbault Axel (2)	1 - Luxembourg Institute of Science and Technology (Luxembourg), 2 - PM International (Luxembourg)
P17	A User-Friendly Web Tool for Colloidal Interaction Analysis: Leveraging the xDLVO Theory	Simone Zorzan	Simone Zorzan (1), Marcelo Fernández-Lahore (1)	1 - Luxembourg Institute of Science and Technology (Luxembourg)
P18	Analytical characterisation of a monoclonal antibody with high structural flexibility	Stitz Gregor	Stitz Gregor (1), Hahn Rainer (1)	1 - Universität für Bodenkultur Wien = University of Natural Resources and Life Sciences [Vienna, Austria] (Austria)
P19	Deep Eutectic Solvents for Selective Starch Extraction from Microalgae	Vicente Filipa A.	Vicente Filipa A. (1), Vidmar Monika (1), Delruo Florian (2), Rogers Robin D. (3), Huš Matej (1), Likozar Blaž (1)	1 - National Institute of Chemistry [Ljubljana] (Slovenia), 2 - MicroAlgae Processes Platform, CEA (France), 3 - 525 Solutions (USA)
P20	Extraction of limonene from waste orange peels using deep eutectic solvents	Vicente Filipa A.	Arnič Monika (1), Andrejc Kristina (1), Likozar Blaž (1), Vicente Filipa A. (1)	1 - National Institute of Chemistry [Ljubljana] (National Institute of ChemistryHajdrihova 19, p.p. 660SI-1001 LjubljanaSlovenia Slovenia)
P21	High gravity and bitter brewing cycles in microbeads: Saccharide and aromatic profiles and alpha acids accumulation	Vicente Filipa A.	Ferrari Cristian, Rutnik Ksenija, Ocvirk Miha, Košir Iztok, Poklar Ulrih Nataša, Osojnik Črnivec Ilja Gasan (1) (2) (3)	1 - Biotechnical Faculty, University of Ljubljana (Slovenia), 2 - Department of Catalysis and Chemical Reaction Engineering, National Institute of Chemistry (Slovenia), 3 - Center for Development, Demonstration and Training for Carbon-Free Technologies, National Institute of Chemistry (Slovenia)

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P22	Microencapsulation of Lactobacillus paragasseri K7 in alginate-cyclodextrin carriers: bacteriocin and lactic acid production, survival, and activity in gastrointestinal conditions	Vicente Filipa A.	Mohar Lorbeg Petra (1), Skrt Mihaela (1), Treven Primož (1), Bogovič Matijašič Bojana (1), Poklar Ulrih Nataša (1), Osojnik Črnivec Ilja Gasan (1) (2) (3)	1 - Biotechnical Faculty, University of Ljubljana (Slovenia), 2 - Department of Catalysis and Chemical Reaction Engineering, National Institute of Chemistry (Slovenia), 3 - Center for Development, Demonstration and Training for Carbon-Free Technologies, National Institute of Chemistry (Slovenia)
P23	Transformation of Microcrystalline Cellulose into Functional Pickering Particles via Deep Eutectic Solvent and Ultra-High-Pressure Homogenization	You Lingxin, Soukoulis Chistos	You Lingxin (1), Soukoulis Chistos (1)	1 - Luxembourg Institute of Science and Technology (Luxembourg)
P24	Aptamers as multimodal tool for various biotechnological applications	Sett Arghya	Arghya Sett (1), Cécile Walczak (1), Delphine Collard (1), Henry-Michel Cauchie (1), and Leslie Ogorzaly (1)	1 - Luxembourg Institute of Science and Technology (Luxembourg)