

PSE YSM 2024 - Preliminary program

DAY	TIME	CHAIRPERSON	SPEAKER	PARALLEL PROGRAM
21st May	12:00	Registration		
	14:00	Opening ceremony		
	P1 14:15	Session 1 Karel Šmejkal (Masaryk University, Brno, Czech Republic)	Francisco A. Macías (University of Cádiz, Cádiz, Spain) <i>In Nature, nothing is what it seems. Looking for multipurpose bioactive hybrids.</i>	
	P2 14:45		Maria José Umbelino Ferreira (Universidade de Lisboa, Lisboa, Portugal) <i>Alkaloid derivatives for targeting drug resistance in cancer</i>	
	O1 15:15		Kateřina Dadáková (Masaryk university, Brno, Czech Republic) <i>Lignans in wine</i>	
	O2 15:30		Jonas Stehlin (ZHAW Zurich University of Applied Sciences, Switzerland) <i>The Receptarium of Burkhard from Hallwyl – from digital indexing historical recipes to pharmacological screening of plant ingredients</i>	
	O3 15:45		Magdalena Grajzer (Wroclaw Medical University, Poland) <i>Unlocking the powers of <i>Fragaria vesca</i>: A revelatory dive into the impact of extraction techniques on seed oil potency and applications</i>	
	16:00	Coffee break		
	P3 16:30	Session 2 Stefano Dall'Acqua (University of Padua, Padua, Italy)	Didem Şöhretoğlu (Hacettepe University, Ankara, Turkiye) <i>Application of computational methods to phytochemical drug discovery</i>	
	P4 17:00		Satya Sarker (John Moores University Liverpool, United Kingdom) <i>Natural skin-whitening agents</i>	
	P5 17:30		Kenneth Ritchie (John Moores University Liverpool, United Kingdom) <i>Phytochemical inducers of the antioxidant response</i>	
	P6 18:00		Petr Babula (Masaryk University, Brno, Czech Republic) <i>Natural compounds as wound healing materials</i>	
	18:30	Welcome reception, poster session		Poster session

22nd May	P7 8:30	Session 3 Francesco Epifano (University "Gabriele d'Annunzio" of Chieti-Pescara, Chieti, Italy)	Giovanni Appendino (Università del Piemonte Orientale, Novara, Italy) <i>Phytocannabinoids: Reflexions from a two decade journey</i>
	O4 9:00		Ernesto Gargiulo (University of Naples Federico II, Napoli, Italy) <i>Phytochemical investigation and TRPA1/TRPM8 modulation profile of the cannabigerol-rich Cannabis sativa L. Chemotype IV</i>
	O5 9:15		Veronika Stoilkovska Gjorgievska (Ss. Cyril and Methodius University, Skopje, Republic of North Macedonia) <i>Unlocking the potential of Macedonian Cannabis wild-types: phytochemical profiling and UPOV descriptors assessment</i>
	P8 9:30		Lutfun Nahar (Palacký University and Institute of Experimental Botany, The Czech Academy of Sciences, Olomouc, Czech Republic) <i>The magical story of coffee and its benefits in skincare</i>
10:00		Coffee break	
	P9 10:30	Session 4 Szabolcs Béni (Institute of Chemistry, Eötvös Loránd University, Budapest, Hungary)	Attila Hunyadi (University of Szeged, Szeged, Hungary) <i>Insect molting hormones: from ecological significance to drug discovery</i>
	O6 11:00		Francesca Guzzo (University of Campania "Luigi Vanvitelli", Caserta, Italy) <i>New steroidal saponins from leaves of Agave bracteosa: structural characterization and cytotoxic activity</i>
	O7 11:15		Chao Zhang (Institute of Experimental Botany of the Czech Academy of Sciences & Faculty of Science, Palacký University Olomouc, Olomouc, Czech Republic) <i>In situ characterisation of plant defence phytohormones and related metabolites via advanced mass spectrometry imaging</i>
	P10 11:30		Meghan Lucas <i>To be announced</i>
	O8 12:00		Jan Günther (University of Copenhagen, Copenhagen, Denmark) <i>Plant triterpenoid saponins – from structure to bioactivity</i>
	O9 12:15		Hafize Yuca (Atatürk University, Erzurum, Turkey) <i>In vitro antidiabetic and anticholinesterase potentials of eleven medicinal plants from Lamiaceae naturally grown in Turkey</i>
12:30			Lunch

22nd May	P11 14:00	<p align="center">Session 5</p> <p align="center">Milan Malanik (Masaryk University, Brno, Czech Republic)</p>	<p>Francesco Epifano (University "Gabriele d'Annunzio" of Chieti-Pescara, Chieti, Italy) <i>Auraptene: a tale of a natural product</i></p>	<p align="center">Small committee meeting</p>
	O10 14:30		<p>Sylvia Kalli (Wageningen University & Research, Wageningen, Netherlands) Cellular responses and targets in food-spoilage yeasts exposed to antifungal prenylated isoflavonoids</p>	
	O11 14:45		<p>Adam Junka (Wroclaw Medical University, Poland) <i>Integration of plant-based antimicrobials and magnetic fields for enhanced penetration of pathogenic biofilms</i></p>	
	O12 15:00		<p>Selen İlgün (Erciyes University, Kayseri, Türkiye) <i>Evaluation of the chemical content and biological activities of "Orobancha ramosa" L.</i></p>	
	O13 15:15		<p>Katerina Tomisova (Czech University of Life Sciences Prague, Prague, Suchdol, Czech Republic) <i>The interaction of silymarin with the gut microbiota and its differences with age</i></p>	
	O14 15:30		<p>Valeria Iobbi (University of Genova, Genova, Italy) <i>Characterization and sustainable agrochemical application of Vessalico garlic ecotype</i></p>	
	O15 15:45		<p>Iasmina Honceriu ("Alexandru Ioan Cuza" University of Iasi, Romania) <i>Anti-Alzheimer effects of Paradol, mansorin A, and mansonone G in a zebrafish model of Alzheimer's disease induced with okadaic acid</i></p>	
	16:00		Coffee break	
	P12 16:30	<p align="center">Session 6</p> <p align="center">Kenneth Ritchie (John Moores University Liverpool, United Kingdom)</p>	<p>Céline Rivière (University of Lille, Lille, France) <i>Natural products and synthetic derivatives as anti-coronavirus agents</i></p>	
	O16 17:00		<p>Radim Havelek (Charles University, Hradec Kralove, Czech Republic) <i>The antiproliferative activity and apoptosis-inducing mechanism of the Amaryllidaceae alkaloid montanine on A549 and MOLT-4 human cancer cells</i></p>	
	O17 17:15		<p>Melek Karaaslan (Ankara University, Ankara, Turkey) <i>Analgesic and anti-inflammatory activity of some Glaucium taxons</i></p>	
	P13 17:30		<p>Pavel Mučaji (Comenius University, Bratislava, Slovakia) Analysis of agrimony extracts in wound healing</p>	
	O18 18:00		<p>Mohamed El Hattab (University of Blida, Blida, Algeria) <i>Interaction of chemical, microbiological and ecological aspects in the brown alga Zonaria tournefortii</i></p>	
	O19 18:15		<p>Adrian H. Kopf (Wageningen University & Research, Wageningen, Netherlands) <i>Valorisation of North Atlantic macroalgae: Antimicrobial activity of phlorotannins</i></p>	

18:30		Beer tour Botanical Garden visit		
23rd May	P14 8:30	Session 7 Adam Matkowski (Wroclaw Medical University, Poland)	Miroslav Strnad (Palacký University and Institute of Experimental Botany, The Czech Academy of Sciences, Olomouc, Czech Republic) <i>Natural adenines exhibit an incredible range of biological activities</i>	
	O20 9:00		Shamee Bhattacharjee (West Bengal State University, Kolkata, India) <i>Spice-Derived Bioactive components inhibit cancer metastasis by targeting cellular signaling pathways</i>	
	O21 9:15		Janniek Ritsema (Wageningen University & Research, Wageningen, Netherlands) <i>Antibacterial prenylated (iso)flavonoids from Fabaceae: inhibition and permeabilization of methicillin-resistant Staphylococcus aureus</i>	
	P15 9:30		Franz Bucar (University of Graz, Graz, Austria) <i>Antiadipogenic effects of coumarins from Citrus x limon</i>	
10:00		Coffee break		
	P16 10:30	Session 8 Simon Vlad Luca (Technical University of Munich, Freising, Germany)	Szabolcs Béni (Institute of Chemistry, Eötvös Loránd University, Budapest, Hungary) <i>Enhancing oligosaccharide characterization: Leveraging the power of NMR spectroscopy</i>	
	O22 11:00		Jana Křoustková (Charles University, Hradec Kralove, Czech Republic) <i>Carltonines from Narcissus pseudonarcissus cv. Calron and lead optimization</i>	
	O23 11:15		Chidoh Kootlole (University of Campania "Luigi Vanvitelli", Caserta, Italy) <i>NMR-based metabolomics and anti-leukemic activity of plants used in traditional medicine in Botswana</i>	
11:30		Annual General Meeting (AGM)		
12:30		Lunch		
	P17 14:00	Session 9 Evelyn Wolfram (Zürich University of Applied Sciences, Wädenswil, Switzerland)	Simon Vlad Luca (Technical University of Munich, Freising, Germany) <i>Integration of liquid-liquid chromatography in natural product research</i>	
	O24 14:30		Chiara Collevicchio (University "Gabriele d'Annunzio" of Chieti-Pescara, Chieti, Italy) <i>Selective isolation and concentration of oleuropein and elenolic acid from Olea europaea L. aqueous leaves extracts</i>	
	O25 14:45		Hasan Kırmızıbekmez (Yeditepe University, İstanbul, Türkiye) <i>Unprecedented phenolic compounds from Prospero autumnale (L.) Speta with in vitro cytotoxic activities</i>	

	P18 15:00		Christian Zidorn (Christian-Albrechts-Universität zu Kiel, Kiel, Germany) <i>Essentials in the acquisition, interpretation, and reporting of plant metabolite profiles</i>	
	O26 15:30		Nisa Beril Sen (Yeditepe University, İstanbul, Türkiye) <i>Comparative phytochemical analysis and bioactivity evaluation of Castanea sativa, Salix and Quercus spp. flower pollen and their bee pollen</i>	
	O27 15:45		Livia Reguengo (University of Campinas, Campinas, SP, Brazil) <i>Anti-inflammatory properties of jaboticaba peel bioactive compounds during in vitro gastrointestinal and colonic digestion</i>	
	16:00	Coffee break		
	P19 16:30	Session 10 Francisco A. Macías (University of Cádiz, Cádiz, Spain)	Evelyn Wolfram (Zürich University of Applied Sciences, Wädenswil, Switzerland) <i>Quality, safety and efficacy of natural health product – how HPTLC, bioassays, and KI can contribute to evidence</i>	
	P20 17:00		Dra. Mariola Macias Lecture <i>to be announced</i>	
	P21 17:30		Randolph Arroo (De Montfort University, Leicester, UK) <i>CYP1-catalysed bio-activation of the polymethoxy flavone chryso-splenetin</i>	
	O28 18:00		Sylwester Ślusarczyk (Wroclaw Medical University, Poland) <i>Pulse Electric Field (PEF) treatment as innovative approach for milking the plant roots; advantage and disadvantage of this technique</i>	
	O29 18:15		Augustin Bildstein (University of Lille, Lille, France) <i>Originality of wild hops from northern France – a chemosensory approach</i>	
	18:30	Social evening		
	18:45	The bus leaving the hotel		
24th May	P22 8:30	Session 11 Didem Şöhretoğlu (Hacettepe University, Ankara, Türkiye)	Stefano Dall'Acqua (University of Padova, Padova, Italy) <i>The challenges in the study of bioactive natural products using comprehensive analytical approaches</i>	
	O30 9:00		Kajetan Grzelka (Wroclaw Medical University, Poland) <i>Application of Pulsed Electric Fields increases yield of flavonoids and enables their extraction from Scutellaria baicalensis Georgi living roots</i>	

O31 9:15		Cristina Terenzi (University of Bologna, Rimini, Italy) <i>Valorization of legume by-products for pharmaceutical, cosmetic, and nutraceutical applications</i>
O32 9:30		Maria João Rodrigues (University of Algarve, Faro, Portugal) <i>Establishment and elicitation of Limonium algarvense Erben callus cultures: Implications for primary and secondary metabolism</i>
O33 9:45		Senthil Kumar Kanthasamy Jayabal (National Chung Hsing University, Taichung, Taiwan) <i>Cosmetic applications of essential oils extracted from indigenous forest species of Taiwan</i>

10:00 **Coffee break**

P23 10:30	Session 12 Franz Bucar (University of Graz, Graz, Austria)	Lucie Cahliková (Charles University, Hradec Králové, Czech Republic) <i>Semisynthetic derivatives of galanthamine and their biological activity</i>
O34 11:00		Jonas Kappen (Leibniz Institute of Plant Biochemistry, Halle, Germany) <i>Chasing molecules - a structure elucidation journey</i>
O35 11:15		Fabian Alperth (University of Graz, Graz, Austria) <i>Extraction of Spilanthol from Acmella oleracea with Natural Deep Eutectic Solvents</i>
O36 11:30		Ceren Öztürk (Yeditepe University, İstanbul, Türkiye) <i>Two new anthraquinones and other secondary metabolites from Asperula sintenisii Achers ex Bornm</i>
P24 11:45		Adam Matkowski (Wroclaw Medical University, Poland) <i>Corn-Cockle phytochemical cocktail – How to make good stuff from old weed?</i>
O37 12:15		Vahap Murat Kutluay (Hacettepe University, Ankara, Türkiye) <i>Integrating network pharmacology and experimental validation: In vitro assessment of neuroprotective effects and enzyme inhibition studies on Prunella vulgaris L. extract and isolated compounds</i>
O38 12:30		Micol Caichiolo (University of Padova, Padova, Italy) <i>Anti-inflammatory properties of biomolecules from the Euganean thermal district</i>
O39 12:45		Derya Çiçek Polat (Ankara University, Ankara, Türkiye) <i>Antioxidant activity and phenolic compounds contents of Tribulus terrestris L.</i>

13:00 **Awards, Closing ceremony, Lunch package**

13:30 **End of conference**