PSE ANNUAL MEETING 2026

15-18 SEPTEMBER 2026

CASERTA

PROGRAM

PSE Meeting 2026 Caserta

https://pse2026.com/

PSE Phytochemical Society of Europe

September 15, 2026	
9:00-14:00	**Registration**
11.00-12:30	**Workshop**
14:30-15:00	**Opening ceremony**
Bruker Award, Chair: Krystyna Skalicka-Woźniak	
15:00-16:00	**Kyo Bin Kang** Computational Mass Spectrometry: Toward Discovery and Functional Metabolomics in Phytochemical Research
Session I	**Chairs: Brigida D'Abrosca, Stefan Schwaiger**
16:00-16:15	**O1: Simone Moser** From Waste to Value: Bioactivities, Mechanisms, and Molecular Targets of Chlorophyll Metabolites
16:15-16:30	**O2: Adriana Trifan** Natural Deep Eutectic Solvents for the Sustainable Valorization of Comfrey (*Symphytum officinale* L.) Roots
16:30-16:45	**O3: Stefanos Kikionis** Development of Biomimetic Porous Scaffolds Based on Marine Biopolymers for Bone Tissue Regeneration
16:45-17:00	**O4: Angela Sorice** NMR-based metabolomics of *Astragalus* L. species from Türkiye to investigate potentially bioactive cycloartane-type saponins
17:00-17:15	**O5: Hasan Kırmızıbekmez** New Stilbene Glycosides from *Prospero autumnale* and Their Anti-inflammatory Activity
17:15-17:30	**O6: Elio Pozzuoli** From extreme environments to sustainable applications: the multifaceted profile of C-phycocyanin from *Galdieria* spp.
17:30-17:45	**O7: Adinpunya Mitra** Spatiotemporal Changes in Central Metabolism Control Scent Volatiles Emission in *Morinda citrifolia* Petals
17:45-18:00	**O8: Rohit Ghosh** Colour Transition Influences Scent Emission in *Gardenia carinata* Flowers
18:00-19:00	**Poster session**
17:00-19:00	**PSE-LCM**
19:30-22:30	**Welcome cocktail**

September 16, 2026	
Session II	**Chairs: Simone Moser, Francisco Macías**
9.00-9:30	**Invited lecture: Maria José Umbelino Ferreira** Molecular Derivatization of Plant-Derived Compounds to Reverse Drug Resistance in Cancer
9:30-10:00	**Invited lecture: Francesco Epifano** Natural Phenylpropanoids, Phytocannabinoids, and Semisynthetic Derivatives as Modulators of the Aryl Hydrocarbon Receptor
10:00-10:15	**O9: Franz Bucar** Antiadipogenic and prolipolytic coumarins in Greek lemons and their risk of cytochrom P450 enzyme inhibition
10:15-10:30	**O10: Kokoska Ladislav** Microplate Liquid and Solid Matrix Volatilization Assays for Antimicrobial Susceptibility Testing of Plant-Derived Volatile Agents and Their Combinations in Vapour Phase
10:30-11:30	**Coffee break**
Session III	**Chairs: Francesco Epifano, Severina Pacifico**
11:30-12:00	**Invited lecture: Nunziatina de Tommasi** From Phytochemistry to Mechanism of Action: Multi-Omics Investigation of Plant-Derived Bioactive Compounds in Prokaryotic Systems
12:00-12:30	**Invited lecture: Ilaria Chiocchio** Seeing the whole: Pattern recognition in Plant Metabolomics
12:30-12:45	**O11: Francesca Vidotto** Comparison of traditional and contemporary approaches to identify chemophenetic markers in leaves of *Verbascum* species
12:45-13:00	**O12: Inês da Fonseca Simão** Metabolite Profiling of the Invasive Aquatic Plant *Pontederia crassipes* Mart.: Insights into Biomass Valorisation
13:00-14:00	**Lunch**
Session IV	**Chairs: Stefanos Kikionis, Evelyn Wolfram**
14:00-14:30	**Invited lecture: Satyajit D Sarker** A tale of “dead man’s fingers”!
14:30-15:00	**Invited lecture: Bruno Botta** Challenging organic synthesis inspired by nature: from natural products chemistry to drug discovery

15:00-15:15	**O13: Martina Bortolami** Phytochemical characterization of volatile and non-volatile fractions of oleogum resins from *Commiphora* species of Socotra Island
15:15 -15:30	**O14: Simon Vlad Luca** Unlocking Hidden Monoterpene Indole Alkaloids in *Picralima nitida* through pH-Zone-Refining Centrifugal Partition Chromatography
15:30-15:45	**O15: Antonio Francioso** Thiocanthal and thiocanthol: a green route for the synthesis and isolation of two novel sulfur-containing anti-inflammatory secoiridoids from extra-virgin olive oil
15:45 -16:00	**O16: Johannes-Paul Fladerer-Grollitsch** Preventive Blood Pressure Control with Oleuropein-Standardized Olive Leaf Extract and Potassium
16:00-16:30	**Coffee break + Poster Session**
Session V	**Chairs: Simon Vlad Luca, Lisa Raudone**
16:30-17:00	**Invited lecture: Dan Staerk** Diving into the chemical space of desert-loving *Eremophila* spp. endemic to Australia
17:00-17:30	**Invited lecture: Luftun Nahar** Medicinal Plants as Network-Level Regulators in Neurodegenerative Disorders
17:30-17:45	**O17: Angelo Fusco** Stem and Root Decoctions of *Cucumis prophetarum* L. Improve Insulin Sensitivity and Metabolic Dysfunction in Experimental Models of Insulin Resistance and Type 2 Diabetes
17:45-18:00	**O18: Pavel Mučaji** Wound Healing and Antimicrobial Potential of *Agrimonia eupatoria L.*
18:00-18:15	**O19: Didem Sohretoglu** Natural Products in the Search for Novel Anticancer Agents: Bridging Discovery and Mechanistic Insights
18:15-18:30	**O20: Marzieh Rahmani Samani** Phytochemical Investigation and Anti-inflammatory Activity of Bachtiari Savory (*Satureja bachtiarica* Bunge) Root.
18:30-19:30	**Poster session**

September 17, 2026	
Session VI	**Chairs: Monica Scognamiglio, Franz Bucar**
9:00-9:30	**Invited lecture: Francisco A. Macías** Innovating Sesquiterpene Lactones for Sustainable Weed and Parasitic Plant Management
9:30-10:00	**Invited lecture: Jonathan Gershenzon** Phytochemicals in the forest: phenolics in conifer-bark beetle interactions
10:00-10:15	**O21: Corinna Urmann** Bioactivity-Linked Profiling of Plant Extracts with Inhibitory Effects on Photosystem II and Early Seedling Growth
10:15-10:30	**O22: Francisco J. Rodríguez Mejías** Nuclear Power Plants: For or Against? Analysis of Radiocarbon, Bioactivity, and Metabolic Profile in Crops Near Nuclear Power Plants
10:30-10:45	**O23: Natasha Nonemacher Magni** Organ-Specific Lipophilic Metabolites in *Euphorbia peplis*: A Coastal Dune Species from Portugal
10:45-11:00	**O24: Carlo Raucci** Polyketides from *Trichoderma koningii:* structural characterization by NMR and biological evaluation
11:00-11:30	**Coffee break + Poster Session**
Session VII	**Chairs: Antonio Fiorentino, Adriana Trifan**
11:30-12:00	**Invited lecture: Antonio Molinaro** Plant associated bacterial glycans
12:00-12:30	**Invited lecture: Evelyn Wolfram** Phytochemical Analysis and Artificial intelligence in Quality Assurance and Evidence for botanical ingredients in nutrition and healthcare
12:30-12:45	**O25: Stefan Schwaiger** Qualitative and quantitative characteristics of domesticated, commercial, and collected European *Gentiana* species
12:45-13:00	**O26: Sylwia Zielinska** From Plant Biotechnology to Molecular Recognition: Papaveraceae Isoquinoline Alkaloids as Promising Bioactive Phytochemicals
13:00-14:00	**Lunch**

Session VIII	Chairs: Didem Sohretoglu, Francisco J. Rodríguez Mejías
14:00-14:30	**Invited lecture: Christian Zidorn** Plant chemophenetics – Comparative phytochemistry in the DNA-phylogenetic era
14:30-15:00	**Invited lecture: Lina Raudone** Seasonal Chemical Signals in *Rhododendron tomentosum* Harmaja: Phenolic and Terpenic Dynamics in a Coniferous Swamp Forest
15:00-15:15	**O27: Rima Konya Konuk** Anti-inflammatory Activity-guided Isolation of Phenolic Compounds from *Hypericum salsugineum* N.Robson & Hub.-Mor.
15:15-15:30	**O28: Ceren Sayılgan** Activity-guided Isolation of Anti-inflammatory Secondary Metabolites from *Thliphthisa antalyensis* (Ehrend.) P.Caputo & Del Guacchio
15:30-15:45	**S1: Domenico Montesano** From Oxidative Distress to Oxidative Eustress: Ozoile® as a Novel Redox Signaling Technology
15:45-16:30	**Coffee break + Poster Session**
16:30-19:00	**Visit to the Royal Palace Garden**
21:00-23:00	**Social Dinner**

September 18, 2026	
Session IX	**Chairs: Eleni Skaltsa, Satyajit Sarker**
9:00-9:30	**Invited lecture: Filomena Conforti** Efficacy of Phytocomplexes from Mediterranean Plants as Ectoparasiticides
9:30-9:45	**O29: Cerulli Antonietta** From Waste to Bioactives: Metabolomics-Driven Valorization of *Cynara cardunculus* scolymus ('Carciofo di Paestum' PGI and 'Carciofo Bianco di Pertosa') leaf
9:45-10:00	**O30: Magdalena Grajzer** Chemical composition, oxidative stability and nutraceutical potential of cold-pressed pomegranate, blackcurrant and prickly pear seed oils
10:00-10:15	**O31: Roberta Palmieri** Life Cycle Assessment of Cascade Grape Pomace Valorisation: Environmental Evaluation of Cellulose Acetate Biofilm Formulations
10:15-10:30	**O32: Hamid Mushtaq** Cascade Valorisation of Grape Pomace for Nutraceutical Development and Functional Food Applications
10:30-10:45	**S2: Daniela Di Matteo** Combextracoffee: The combined use of Supercritical fluid and Subcritical Water extraction for spent coffee grounds as sustainable process for developing personal care products
10:45-11:15	**Flash presentations**
11:15-12:00	**Coffee break**
12:00-13:00	**Closing Ceremony**

⚠ Please note that this printed program is subject to change. For the final, detailed program and any last-minute updates, please refer to the conference website.

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