



PROGRAMME

ANSO 7th Pan-Balkan Alliance of Natural Products and Drug
Discovery Associations Conference on Natural Drug Research:
Bridging Science and Nature

20. October 2026

@ Serbian Academy of Sciences and Arts – Grand Hall, Kneza Mihaila 35

Registration 08:30-09:00

09:00-09:30	Welcoming words Group photo
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Session 1: Chemical Biology and Molecular Targets

Moderators: Sokol Abazi and Lijiang Xuan

09:30-09:50	Arrestin-mediated modulation of GPCRs	Beili Wu Professor
09:50-10:05	Bioactive bis-isochromans and isochroman conjugates: synthesis and stereochemistry	Tibor Kurtán Professor
10:05-10:15	Chiroptical Characterization of Axially and Centrally Chiral Isochromans	Gergely Miklós Fedics Student
10:15-10:25	Domino cyclization reactions to produce condensed heterocycles of novel skeleton	Sándor Balázs Királ Assistant Professor

Session 2: Artificial Intelligence and Digital Technologies in Natural Product Research

Moderators: Sokol Abazi and Lijiang Xuan

10:25-10:35	Next-Generation AI-Enabled Remote Sensing Tools for Wild Blueberry Resource Assessment in North Macedonia	Olga Gigopulu Assistant Professor
10:35-10:45	AI-Driven Deorphanization of Plant Metabolomes: A Precision Platform for Target Discovery, Computational Lead Optimization, and Natural Product Drug Discovery	Rania Hamdy Associate Researcher

11:00-11:30	Opening ceremony: Dr. Marina Soković , Principal Research Fellow, IBISS; Prof. Dr. Yang Ye , Principal Investigator, SIMM; Dr. Mirjana Mihailović , Director, IBISS; Academician Prof. Dr. Zoran Knežević , President of SASA; Academician Prof. Hongping He , Vice President of CAS.
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11:30-13:00	Lunch break
13:00-14:00	PANDA Council Meeting and Round Table Discussion on Further Development of Drug Research (PANDA Council Members Only)

Session 3: Natural Products for Health and Therapeutic Applications**Moderators: Dejan Stojković and Lillian Barros**

15:00-15:15	Rethinking Preclinical Natural Product Research: Bridging Experimental Evidence and Therapeutic Applications	Ipek Sutar Professor
15:15-15:25	Exploring the Biological Potential of Sesquiterpene Lactones: From Structure to Activity	Violeta Milutinović Research Associate
15:25-15:40	Potential of Mushroom Extracts as Alternative Antimicrobials against <i>Staphylococcus aureus</i> Associated with Chronic Tonsillitis	Marina Kostić Research Associate
15:40-15:55	Medicinal Mushroom Extracts for Immunomodulation and Longevity in Carniolan Honey Bees	Andrej Gregori Assistant Professor
15:55-16:10	Ability of Plant Extracts to Suppress TNF- α -Induced Invasion of Fibroblast-Like Synoviocytes	Biljana Kukavica Full Professor
16:10-16:25	Unlocking Cannabidiol's Therapeutic Potential for Diabetes: An Integrated Preclinical <i>In Vivo</i> Study	Gjoshe Stefkov Full Professor
16:25-16:40	Sclareol Nanoparticles: From <i>Salvia sclarea</i> to Innovative Technology	Milica Pešić Principal Research Fellow
16:40-16:55	Anticomplement agents from traditional Chinese medicines for the treatment of pulmonary infections	Daofeng Chen Professor

* Green - Invited Lecture

* Blue - Short Presentation

21. October 2026

@ Serbian Academy of Sciences and Arts – Grand Hall, Kneza Mihaila 35

Session 1: Drug Discovery and Natural Products

Moderators: Jovana Petrović and Marcio Carcho

09:00-09:15	Bioactive Natural Products from the Ericaceae Medicinal Plants	Guangmin Yao Professor
09:15-09:30	Discovery of Syk-Targeting Natural Products and Their Antithrombotic Function	Lijiang Xuan Professor
09:30-09:45	Pathogen-Derived Metabolites as the Next Frontier in Natural Drug Discovery and Precision Therapeutics	Sameh Soliman Professor
09:45-10:00	RIP1/3 in Pulmonary Diseases: Mechanisms and Drug Discovery	Wei Tang Professor
10:00-10:15	Discovery of Risovalisib, a Highly Potent and Selective PI3Ka Inhibitor for the Treatment of Advanced Solid Tumors	Linghua Meng Professor
10:15-10:30	Targeting Metabolism for Cancer Therapy	Min Huang Professor
10:30-10:45	Advances in the Development of Antituberculosis Agents Directly Targeting InhA	Tianyu Zhang Professor
10:45-11:00	Metabolomic Approaches in Food Bioactives	Maria Halabalaki Professor
11:00-11:10	Beyond the Parent Compound: Integrating Metabolomics into Pharmacokinetic Studies of Natural Products	Aikaterini Basdeki Student
11:10-11:30	Coffee break	

* Green - Invited Lecture

* Blue - Short Presentation

Session 2: Plant Biodiversity, Natural Products and Industry**Moderators: Danijela Mišić and Gjoshe Stefkov**

11:30-11:45	Bridging Plants and Life: Natural Product Research at Wuhan Botanical Garden, CAS	Qing-Feng Wang Professor
11:45-12:00	Comparative Analysis of Medicinal Plant Germplasm Resources in China and Serbia: The <i>Digitalis</i> , <i>Salvia</i> , and <i>Scutellaria</i> Case Study	Dejan Stojković Senior Research Associate
12:00-12:15	From Molecules to Foods: Exploring the Multifunctionality of Plant-Derived Compounds	Márcio Carochio Senior Researcher
12:15-12:30	Beyond Weeds: Discovering the Untapped Potential of Wild Edible Plants in the Mediterranean for Nutrition, Health, and Innovation	Antonios Chrysargyris Special Teaching Staff
12:30-12:45	Quality Characteristics of the Olive Oil Produced in Montenegro	Biljana Lazović Full Professor
12:45-13:00	Harvest Season Effects on the Nutritional Composition and Bioactive Properties of Olive Leaves: A Two-Year Study	João Pedro Krauspenhar Lopes Student
13:00-14:15	Lunch	

Session 3: Plant Bioactives and Agricultural Biotechnology**Moderators: Biljana Lazović and Antonios Chrysargyris**

14:15-14:30	Iron and Zinc Foliar Application Affect Vegetative, Physiological, Nutritional and Antioxidant Behavior of <i>Origanum dubium</i> in Response to Different Nitrogen Supply in Hydroponics	Nikolaos Tzortzakis Associate Professor
14:30-14:45	Exploring the bioactive properties of golden fern (<i>Asplenium ceterach</i> L.) extracts	Suzana Živković Principal Research Fellow
14:45-14:55	Influence of Extraction Method on the Yield and Antioxidant Capacity of <i>Plantago major</i> L. Extracts	Stana Radukić Student
14:55-15:05	Biocontrol Potential of Trichoderma and Bacillus Strains Against Fungal Pathogens Associated with Botryosphaeria Dieback of Grapevine	Bogoljub Kandić Teaching Assistant
15:05-15:15	Development of Horseradish (<i>Armoracia rusticana</i> L.) Root and Leaf Juices as Natural Sources of Antioxidant Compounds: Encapsulation, Characterization, and Potential Applications	Jovana Marković Research Associate
15:15-15:35	Coffee break	

Session 4: Functional Foods, Nutrition and Bioactive Ingredients

Moderators: Jasmina Glamočlija and Viktor Nedović

15:35-15:50	Sustainable and Digital Approaches for the Development of Tailor-Made Functional Foods	Georgi Atanasov Kostov Professor
15:50-16:05	From Natural Resources to Functional Foods: Unlocking Bioactive Compounds for Health, Sustainability and Innovation	Lillian Barros Principal Researcher
16:05-16:20	Mucilage: Sources, Production and Challenges in Food Applications	Steva Lević Associate Professor
16:20-16:35	The Influence of Proteins on the Bioavailability of Food Antioxidants	Olgica Nedić Principal Research Fellow
16:35-16:45	Valorization of <i>Rhus coriaria</i> L. Leaves: Phytochemical Characterization and Nanoencapsulation of Bioactive Compounds for Functional Food Applications	Elizandra Noely Grinfelder Ardohain Student
18:00	Invited dinner	

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* Blue - Short Presentation