



2nd EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

AGENDA: DAY 1 (3rd June) - VENUE: HOTEL HOLIDAY

12.00 – 18.00 Registration/Poster set-up/Registration for the field trip and payment

14:00 – 14:15 Conference opening

Erna Karalija & Anja Haverić

Jianbo Xiao: Introduce IADNS

14:15 – 16:00 Bioactive compounds and human health

CHAIRS: Mohamed A. Farag, Jianbo Xiao

14:15 – 14:45 PL1: Cholesterol-lowering nutraceuticals and functional foods in prevention of heart diseases

Zhen-Yu Chen - Food & Nutritional Sciences Programme, School of Life Sciences, The Chinese University of Hong Kong, Shatin, NT, Hong Kong, China

14:45 – 15:15 PL2: The effects of dietary bioactive compounds on breast cancer

Maurizio Battino, Polytechnic University of Marche, Italy

15:15 – 15:40 IL1: TBD

Milen I. Georgiev, Bulgarian Academy of Sciences, Bulgaria

15:40 – 16:00 OL1: Marine green algae-derived oligosaccharides and their potential pharmaceutical applications

Chao Zhao, College of Marine Sciences, Fujian Agricultural and Forestry University

16:00 – 16:30 Coffee break/Poster viewing

16:30 – 18:25 Bioactive compounds and human health

CHAIRS: Zhen-Yu Chen, Saida Ibragić

16:30 – 17:00 PL3: Plant extracts and their bioactive compounds against gastrointestinal discomfort

Maria Daglia, University of Naples Federico II, Italy

17:00 – 17:25 IL2: Strategies for promoting the bioaccessibility/bioavailability of polyphenols in plant-based foods

Esra Çapanoğlu, Istanbul Technical University, Turkey

17:25 – 17:45 OL2: The role of phytochemicals in the prevention of DNA damage

Nurşen Başaran, Başkent University, Faculty of Pharmacy, Department of Pharmaceutical Toxicology, Ankara, Türkiye

17:45 – 18:05 OL3: A flavonoid-rich extract of *Citrus bergamia* juice induces terminal differentiation in an *in vitro* model of acute myeloid leukaemia

Caterina Russo, University of Messina, Italy

18:05 – 18:25 OL4: Strategies to manipulate emission of volatile organic compounds

Pan Liao, Department of Biology, Hong Kong Baptist University, Hong Kong, China

19:00 – 20:00 Welcome cocktail and snacks (Hotel Holiday)



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AGENDA: DAY 2 (04th June) - VENUE: HOTEL HOLIDAY

9:30– 16:00 Bioactive compounds and human health

CHAIRS: Maria Daglia, Chao Zhao

09:30 – 09:55 IL3: Antioxidant and antiproliferative activity of plant bioactive compounds during *in vitro* simulated digestion in the presence of food matrix

Jelena Samardžić, Institute of Molecular Genetics and Genetic Engineering, Belgrade, Serbia

09:55 – 10:15 OL5: Beneficial effects of antioxidant phytochemicals in diabetes mellitus

Ahmet Başaran, Başkent University, Faculty of Pharmacy, Ankara, Türkiye

10:15 – 10:35 OL6: MAPKs and NF-κB inhibition are involved in the neuroprotective effects of a cinnamon/curcumin/turmeric spice blend in an *in vitro* model of Alzheimer's disease"

Alessandro Maugeri, University of Messina, Italy

10:35 – 10:55 OL7: role of STP-60a in delaying senescence and signalling pathways regulating longevity in the nematode *hidradenitis elegans*

Weihong Lu - School of Medicine and Health, Harbin Institute of Technology, Harbin; National and Local Joint Engineering Laboratory for Synthesis, Transformation and Separation of Extreme Environmental Nutrients, Harbin, China

10:55 – 11:30 Coffee break/Poster viewing

11:30 -13:00 Farm to fork

CHAIRS: Maurizio Battino, Jelena Popović-Djordjević

11:30 -12:00 PL4: Seed priming as a sustainable approach for climate-smart crops

Vasileios Fotopoulos, Cyprus University of Technology, Cyprus

12:00 - 12:25 IL4: A bite for the healthy Planet - a bottom line for a climate-friendly society!

Aleksandra Nikolić, Faculty of Agriculture and Food Science, University of Sarajevo

12:25 – 12:50 IL 5: Aroma profile and sensory characteristics of vermouth

Jelena Popović-Djordjević, University of Belgrade, Faculty of Agriculture, Serbia

12:50 – 13:10 OL8: Wiley's Food Science Journals and the Open Access Landscape

Yanli Gao, Senior Publisher, Wiley

13:10 – 14:30 – Lunch

14:30 -16:05 Farm to fork & Analytical methods and biotechnology in phytomedicine

CHAIRS: Milen I. Georgiev, Aleksandra Nikolić

14:30- 14:55 IL6: Wild edible fruits in Anatolia: History, medicinal uses, social impact

Sezai Ercişli, Department of Horticulture and Faculty of Agriculture, Atatürk University

14:55 – 15:15 OL9: Celery soluble dietary fiber antagonize flavonoids ameliorative effect on dextran-sodium-sulfate-induced colitis in mice

Hui Wang, Guangdong Ocean University, China





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15:15 – 15:35 IL7: Threats and opportunities of cannabis

Petr Tarkowski, Crop Research Institute, Palacky University, Czech Republic

15:35 – 16:00 IL8: An overview of hyphenated mass spectrometry techniques implemented in crop quality assessment

Sanja Ćavar Zeljković, Crop Research Institute, Palacky University, Czech Republic


16:00 -16:35 –GROUP PHOTO/Poster viewing – voting

16:35 – 18:05 Workshop Metabolomics

Advanced MS-based metabolomics applications in medicine & pharmacy

Mohamed A. Farag, Cairo University, Department of Pharmacognosy

20:00 GALA DINER (Registration needed – ask at registration desk)





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05.06. DAY 3 VENUE: Faculty of Science

10:00 -11:30 Natural resources of bioactive compounds (Erna Karalija)

10:00 -10:25 IL10: *New insights into ginkgo biflavonoids a century after their initial discovery*
Dunja Šamec, University North, Croatia

10:25 – 10:50 IL11: *Unveiling nature's allies: invasive plants as sources of phytopharmaceuticals*
Danijela Pohulja, Institute of Agriculture and Tourism, Poreč, Croatia

Short talks - Competition

CHAIR: Esra Çapanoğlu

10:50 – 11:00 SL1: *Marija Nazlić* -, University of Split, Croatia

11:00 – 11:10 SL2: *Dženeta Fazlić* - University of Sarajevo, Bosnia and Herzegovina

11:10 – 11:20 SL3: *Elena Rafailovska* - Ss. Cyril and Methodius University; R. North Macedonia

11:20 – 11:30 SL4: *Iva, Jurčević Šangut*, University North, Croatia

11:30 – 11:40 SL5: *Ivana Vrca* - University of Split, Croatia

11:40 – 12:00 – Coffee break

12:00 -13:10 Natural resources of bioactive compounds

CHAIRS: Dunja Šamec; Sanja Čavar Zeljković

12:00 -12:25 Another facet of phytochemicals: applications in the chemistry of renewable resources
Thomas Rosenau, Universität für Bodenkultur Wien, Institute of Chemistry of Renewable Resources

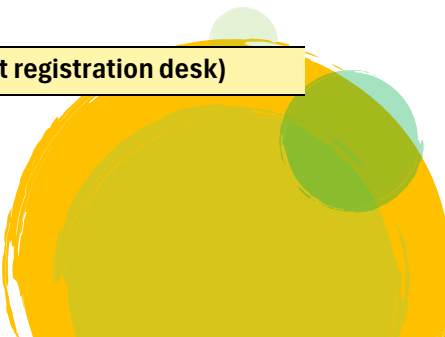
12:30 – 12:50 OL10: *Polygonatum sibiricum* saponin-lactic acid bacteria combination attenuate hyperglycemia in T2DM mice by modulating amino acid metabolism
Yihong Bao - College of life science, Northeast Forestry University, Harbin; Key Laboratory of Forest Food Resources Utilization of Heilongjiang Province, Harbin, China

12:50 – 13:10 - OL11: *Formation of nitrogenous flavonoid derivatives by reacting with amino acids in DMEM medium*
Jianbo Xiao, University of Vigo, Spain

13:10 – 13:25 – Closing remarks

13:25 – 15:00 – Networking and light lunch

15:00 – Walking tour (Starting from the venue -Faculty of Science) (please register at registration desk)





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06.06. DAY 4 – FIELD TRIP
VENUE: Natural Museum of Sarajevo
(across the street from hotel Holiday)

8:00 -8:30 Gathering of participants

Mostar visit (UNESCO heritage – old bridge)

Buna Spring visit (the biggest freshwater spring in Europe)

Return to Sarajevo in late evening (approx. 20.00h)

