



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)



2nd EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

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, University of 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- κ B 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 -16:50 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, Turkey

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

Hui Wang, Guangdong Ocean University, China



2nd EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

15:15 – 15:40 IL7: Threats and opportunities of cannabis

Petr Tarkowski, Centre of the Region Haná for Biotechnological and Agricultural Research, Department of Genetic Resources for Vegetables, Medicinal and Special Plants, Crop Research Institute, Olomouc, Czech Republic/ Czech Advanced Technology and Research Institute, Palacky University, Czech Republic

15:40 – 16:00 IL8: An overview of hyphenated mass spectrometry techniques implemented in crop quality assessment

Sanja Čavar Zeljković, Centre of the Region Haná for Biotechnological and Agricultural Research, Department of Genetic Resources for Vegetables, Medicinal and Special Plants, Crop Research Institute, Olomouc, Czech Republic/ Czech Advanced Technology and Research Institute, Palacky University, Czech Republic

16:05-16:25 OL10: Exploring the Mechanisms of Action of Active Constituents in Schisandrae Fructus for the Management of Diabetic Cardiomyopathy

Dr. Jihang Chen, School of Medicine, The Chinese University of Hong Kong, Shenzhen, China


16:25 -16:50 –GROUP PHOTO/Poster viewing – voting

16:50 – 18:20 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)





2nd EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

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

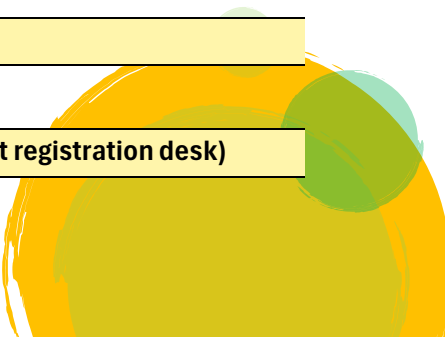
12:30 – 12:50 OL10: *Polygonatum sibiricum* saponin-lactic acid bacteria combination attenuate hyperglycemia in T2DM mice by modulating amino acid metabolism
Yihong Bao - College of life science, Northeast Forestry University, Harbin; Key Laboratory of Forest Food Resources Utilization of Heilongjiang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





2nd EUROPEAN SYMPOSIUM ON Phytochemicals in Medicine and Food

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)

