



ISEO 2025

55th INTERNATIONAL SYMPOSIUM ON ESSENTIAL OILS

September 07–10, 2025 – Sarajevo, Bosnia and Herzegovina

FINAL SCIENTIFIC PROGRAM

Chair of the ISEO2025 Organizing Committee

Hurija Džudžević-Čančar

Sunday, 07th September, 2025

13:00 – 16:00 **Registration**

15:00 – 16:00 **Opening Ceremony and Greetings from the Authorities**

ISEO2025 Chair: Huriya Džudžević-Čančar

President of the ISEO Permanent Scientific Committee: Luigi Mondello

Rector of the University of Sarajevo – Tarik Zaimović

Dean of the University of Sarajevo – Faculty of Pharmacy – Fahir Bečić

**ISEO Medal of Honour Presentation - Luigi Mondello
Laureate speeches**

16:00 – 18:15 **Session 1**

Chairs: Luigi Mondello and Huriya Džudžević-Čančar

16:00 – 16:45 **Opening lecture – Plenary lecture PL – 1**
Carvacrol and Its Biological Activities: An Updated Review

Kemal Hüsnü Can Başer
Near East University in Nicosia, N. Cyprus

16:45 – 17:30 **Plenary lecture PL – 2**
Insight into the chemical diversity of volatile organic compounds from
chosen macroalgae compared to plants

Igor Jerković
University of Split, Croatia

17:30 – 18:15 **Plenary lecture PL – 3**
The significance of the essential oils in the treatment of postinfection
syndromes: Long Covid, Chronic fatigue syndrome and Late Lyme
syndrome: neurocardiological approach and experience

Branislav Milovanović
University of Belgrade, Belgrade, Serbia

19:30 – 22:00 **Welcome Cocktail – Hotel Holiday - Restaurant**

Monday, 08th September, 2025

09:00 – 11:00 **Registration**

09:00 – 13:00 **Session 2**

Chairs: Musa Yavuz and Györgyi Horváth

09:00 – 9:45 **Plenary lecture PL - 4**

Essential Oils and Their Role in Designing Active Packaging, Controlled Release of Bioactives, and Food Safety: An Overview

Jasim Ahmed

Kuwait Institute for Scientific Research Food Safety Program; Environment & Life Sciences Research Center, Safat, Kuwait City, Kuwait

09:45 – 10:30 **Plenary lecture PL - 5**

Current status and needs for improving essential oils standardization intended for the food supplements production

Midhat Jašić

University of Tuzla, Tuzla, Bosnia and Herzegovina

10:30 - 10:45 **Oral lecture OL - 1**

Fractionation of essential oils towards better antimicrobial activity

Agnieszka Ludwiczuk

Medical University of Lublin, Lublin, Poland

10:45 – 11:15 **Coffee Break**

11:15 – 11:45 **Keynote Lecture KNL - 1**

Palmarosa oil – from field to ISO standard

Maren Protzen

German Society of Perfumers, Hamburg, Germany

11:45 – 12:15 **Keynote Lecture KNL - 2**

Essential oil from *Eucalyptus globulus* leaves: The (un)expected potential

Sónia A. O. Santos

CICECO – Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal

12:15 – 12:45 **Keynote Lecture KNL - 3**

Aromatic plants and perfumery in India - The legacy revisited

K. B. Rameshkumar

Jawaharlal Nehru Tropical Botanic Garden and Research Institute Palode, Kerala, India

12:45 - 13:00 **Oral lecture OL - 2**

Development and validation of liquid matrix volatilization methods for antimicrobial susceptibility testing of plant-derived volatile agents in vapour phase

Ladislav Kokoška

Czech University of Life Sciences Prague, Prague, Czech Republic

13:00 – 13:15 **Discussion**

13:15 – 14:00 **Lunch – Hotel Holiday - Restaurant**

14:00 – 17:30 **Session 3**

Chairs: Daniel Strub and Nicolas Baldovini

14:00 – 14:15 **Oral lecture OL – 3**

Chemical diversity of medicinal and aromatic plants from the Portuguese flora

Alexandra Machado

Faculdade de Ciências da Universidade de Lisboa, Lisboa, Portugal

14:15 – 14:30 **Oral lecture OL – 4**

Is Linalyl Anthranilate Indeed Found in Plant Samples? GC-MS Misidentifications in the Scientific Literature

Katarzyna Pokajewicz

Faculty of Chemistry and Pharmacy, Opole University, Opole, Poland

14:30 – 14:45 **Oral lecture OL – 5**

Investigation of Quality and Yield Parameters in Growing Japanese Quails (*Coturnix Coturnix Japonica*) Feed with Microencapsulated *Origanum Onites* Oil

Musa Yavuz

Isparta University of Applied Sciences, Agriculture Faculty, Isparta, Türkiye

14:45 – 15:00 **Oral lecture OL – 6**

Sleeping Genes - The Essential Oil Compounds of a Species Cross

Johannes Novak

University of Veterinary Medicine, Vienna, Austria

15:00 – 15:15 **Coffee Break**

15:15 – 15:30 **Young Scientist Oral Lecture YOL – 1**

Development and Incorporation of a Multifunctional Essential Oil Blend into a Pullulan-Based Film for Enhanced Acne Management

Marta Pavarino

University of Turin, Turin, Italy

15:30 – 15:45 **Young Scientist Oral Lecture YOL – 2**

Initial Toxicological Assessment of Selected Essential Oils

Alicja Surowiak

Wroclaw University of Science and Technology, Wroclaw, Poland

15:45 – 16:00	Young Scientist Oral Lecture YOL – 3 Thymoquinone in the Spotlight: An Essential Oil-Derived Antioxidant Targeting Lipid Peroxidation and Ferroptosis <u>Huang Yeqin</u> <i>University of Bologna, Bologna, Italy</i>
16:00 – 16:15	Young Scientist Oral Lecture YOL – 4 Fragrant Frontiers in Herbal Medicine: GC-MS/MS Analysis and Enzyme Inhibitory Activities of <i>Salvia albimaculata</i> , <i>Salvia viridis</i> , and <i>Salvia tomentosa</i> <u>Elif Beyza Özer</u> <i>University of Ataturk-Faculty of Pharmacy, Erzurum, Türkiye</i>
16:15 – 16:30	Young Scientist Oral Lecture YOL – 5 Exploring Nutraceutical and Therapeutic Potential of <i>Origanum heracleoticum</i> Essential Oils from Different Italian Regions <u>Giuseppe Amato</u> <i>University of Salerno, Fisciano (SA), Italy</i>
16:30 – 17:30	Poster Presentations - All posters – 08.09. and 09.09.2025.
16:30 – 17:30	Permanent Scientific Committee Meeting
20:00 – 00:00	Symposium Dinner – Hotel Holiday - Restaurant

Tuesday, 09th September, 2025

09:00 – 13:15 **Session 4**

Chairs: Ana Cristina Figueiredo and Fatih Demirci

09:00 – 9:45 **Plenary lecture PL – 6**
Decoding Natural Extracts: From Complexity to Classification

Jonathan Bonello

IFEAT- International Federation of Essential Oils & Aroma Trades, London, UK

09:45 – 10:30 **Plenary lecture PL - 7**
Methods and strategies to evaluate the safety of essential oils as natural complex substances

Cécile Bascoul

dōTERRA International, Salt Lake City, Utah, USA

10:30 – 11:15 **Plenary lecture PL - 8**
Halal Essential Oils: A Rising Trend in the Global Market

Nur Latifah Kamaruddin

Borneo Essentials, Borneo, Malaysia

11:15 – 11:30 **Coffee Break**

11:30 – 11:45 **Oral lecture OL – 7**
Evaluation of Chemical Composition and Biological Activities of *Salvia veneris* Hedge essential oil

Goksu Oduncuoglu

Bahcesehir Cyprus University - Faculty of Pharmacy, Nicosia, Cyprus

11:45 – 12:00 **Oral lecture OL – 8**
Fractionation of *Cryptomeria japonica* cones essential oil via hydrodistillation: antioxidant and cytotoxic properties

Filipe Arruda

*Institute of Agricultural and Environmental Research and Technology,
University of the Azores, Angra do Heroísmo, Portugal
Faculty of Science and Technology, University of the Azores, Ponta Delgada,
Portugal*

12:00 – 12:15 **Oral lecture OL – 9**
Exploring the Scent of Dune Pepper: New Aromas from Quebec

Alexis St-Gelais

Laboratoire PhytoChemia, Chicoutimi (QC), Canada

12:15 – 12:30 **Oral lecture OL – 10**
Sniff Away Your Stress: The Effect of Essential Oil Inhalation on Oxidative Stress

Iris Stappen

University of Vienna-Faculty of Life Sciences, Vienna, Austria

12:30 – 12:45 **Oral lecture OL – 11**
Impact of Aroma/Floriculture/Citrus Mission on Essential Oil Production in India

Ramakant Harlalka

Institute of Chemical Technology, Mumbai, Nathalal Parekh Marg, Matunga East, Mumbai, Maharashtra, India

12:45 – 14:00 **Lunch – Hotel Holiday - Restaurant**

14:00 – 18:30 **Session 5**

Chairs: Iris Stappen and Agnieszka Ludwiczuk

14:00 – 14:15 **Oral lecture OL – 12**
Portuguese lavenders as a source of promising skin anti-aging compounds: a focus on cellular senescence

Monica Zuzarte

Univ Coimbra, Coimbra Institute for Clinical and Biomedical Research (iCBR), Faculty of Medicine, Coimbra, Portugal

14:15 – 14:30 **Young Scientist Oral Lecture YOL – 6**
One step ahead in the enantioselective separation of terpenes in Citrus essential oils by exploiting conventional and tandem chiral columns

Lorenzo Cucinotta

Messina Institute of Technology c/o Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, former Veterinary School, University of Messina, Messina, Italy

14:30 – 14:45 **Young Scientist Oral Lecture YOL – 7**
Yield and chemical composition of essential oil from twigs of *Cryptomeria japonica* (Cupressaceae) from the Azores

Alexandre Janeiro

Faculty of Science and Technology (FCT) and Institute of Agricultural and Environmental Research and Technology, University of the Azores, Azores, Portugal

14:45 – 15:15 **Keynote Lecture KNL – 4**

Alchemy of Scent: Essential oils at the cross-roads of medicine, perfumery and innovation + Workshop - Art of Perfumery in Ottoman Empire

Rana Babac Celebi

*Istanbul Medipol University's International School of Medicine,
Istanbul, Türkiye*

15:15 – 15:30 **Discussion**

15:30 – 15:45 **Coffee Break**

15:45 – 17:30 **Workshop – Art of Perfumery in Ottoman Empire**

17:30 – 18:30 **Poster Presentations - All posters – 08.09. and 09.09.2025.**

Wednesday, 10th September, 2025

**08:30 – 09:30 Closing remarks.
Award ceremony for the best ISEO 2025 oral and poster presentation.
Announcement of the next ISEO Symposium.**

**10:00 – 18:00 Guided Tour – Mostar – Blagaj, tekke (meet in front of Hotel Holiday) -
Optional**