



**ISEO 2025**

**55<sup>th</sup> 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**

FROM 13:00    **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 Eisuke Kuraya

---

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 Hussein Fakhry

---

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

**Huang Yeqin**

*University of Bologna, Bologna, Italy*

16:00 – 16:15 **Young Scientist Oral Lecture YOL – 4**  
Fragrant Frontiers in Herbal Medicine: GC-MS/MS Analysis and Enzyme Inhibitory Activities of *Salvia albimaculata*, *Salvia viridis*, and *Salvia tomentosa*

**Elif Beyza Özer**

*University of Ataturk-Faculty of Pharmacy, Erzurum, Türkiye*

16:15 – 16:30 **Young Scientist Oral Lecture YOL – 5**  
Exploring Nutraceutical and Therapeutic Potential of *Origanum heracleoticum* Essential Oils from Different Italian Regions

**Giuseppe Amato**

*University of Salerno, Fisciano (SA), Italy*

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, 10<sup>th</sup> 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**