

**The Tenth International Mediterranean Symposium on  
Medicinal and Aromatic Plants  
'From Nature to Biotechnology'**

**MESMAP - 10  
PROGRAM BOOK**

**April 25<sup>th</sup> – 27<sup>th</sup>, 2024**

**İstanbul University, Rectorate Halls  
Beyazıt, İstanbul-Türkiye**

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# MESMAP – 10 ORAL PROGRAM

25 APRIL 2024, THURSDAY	
9.00-18.00	REGISTRATION
	<b><u>OPENING CEREMONY &amp; PROTOCOLS</u></b>
	<b>Prof. Dr. Emine Şeküre Nazlı ARDA</b> Co-Chair of MESMAP-10 Symposium
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	<b>M.Sc., B.Pharm. Oğuzhan KOYUNCU</b> Republic of Türkiye Ministry of Health Turkish Medicines and Medical Devices Agency
	<b>MUSIC RECITAL</b> <b>MESMAP SYMPOSIUM GROUP PHOTO</b>

13.00-14.30

**KUAD COSMETIC SESSION****SALON A / SESSION – I****CHAIRS:** Prof. Dr. Milind J.UMEKAR & Prof.Dr. Leandros SKALTSOUNIS

**14.30 – 15.00** **Invited Lecturer: PROF.DR. JITBANJONG TANGPONG**  
 Medical Technology Department, School of Allied Health Sciences, Walailak University, Nakhon Si Thammarat, **THAILAND**  
 “*GARCINIA MANGOSTANA* (A QUEEN OF FRUIT): BIOLOGICAL PROPERTIES IN RELATION TO HEALTH PROMOTION”

**15.00 – 15.30** **Invited Lecturer: PROF. DR. HESHAM R. EL-SEEDI**  
 Pharmacognosy Group, Department of Pharmaceutical Biosciences, Uppsala University, Biomedical Centre, **SWEDEN**  
 “MEDICINAL PLANTS AND THEIR SECONDARY METABOLITES: FROM ANCIENT TIMES TO CONTEMPORARY TIME”

**15.30 – 16.00** **Invited Lecturer: PROF. DR. AGNIESZKA SZOPA**  
 Department of Pharmaceutical Botany, Faculty of Pharmacy, Jagiellonian University, Collegium Medicum in Cracow, **POLAND**  
 “UTILITY POTENTIAL OF RESEARCH ON PLANT IN VITRO CULTURES OF MEDICINAL AND COSMETIC PLANTS SPECIES”

**16.00 – 16.30** **Invited Lecturer: ASSOC. PROF. DR. MARIA HALABALAKI**  
 Division of Pharmacognosy and Natural Products Chemistry Department of Pharmacy, National and Kapodistrian University of Athens, Athens, **GREECE**  
 “*PISTACIA LENTISCUS*: A CONTEMPORARY “ANCIENT” PHYTOTHERAPEUTIC AND COSMETIC AGENT”

**16.30 – 17.00** **COFFEE BREAK****ABUDER AROMATIC PLANTS SESSION****SALON A / SESSION – II****CHAIRS:** Prof.Dr. Zora DAJIĆ STEVANOVIC & Prof.Dr. Jitbanjong TANGPONG

**17.00 – 17.30** **Invited Lecturer: PROF. DR. NEVZAT ARTIK**  
 Department of Food Engineering, Faculty of Engineering, Ankara University, Ankara, **TÜRKIYE**  
 “FOOD SAFETY IN MEDICINAL AROMATIC PLANTS AND SPICES”

**17.30 – 18.00** **Invited Lecturer: PROF. DR. VINCENZO DE FEO**  
 Department of Pharmacy, University of Salerno Via Ponte don Melillo Fisciano (Salerno), **ITALY**  
 “ETHNOBOTANY, ESSENTIAL OILS AND THEIR PROPERTIES OR PHYTOCHEMICAL ASPECTS OF SOME PLANTS AND THEIR ACTIVITIES”

**18.00 – 18.30** **Invited Lecturer: PROF. DR. ELДАР QARAYEV**  
 Department of Pharmaceutical Toxicology and Chemistry, Faculty of Pharmacy Azerbaijan Medical University, Baku, **AZERBAIJAN**  
 “ISOLATION OF BIOLOGICALLY ACTIVE SUBSTANCES FROM TEA WASTE, PREPARATION OF SEMI-SYNTHETIC DERIVATIVES AND IN SILICO STUDY OF TOXICITY, BIOLOGICAL ACTIVITY AND MOLECULAR DOCKING”

**18.30 – 19.00** **Invited Lecturer: PROF. DR. ROJA RAHIMI**  
 Tehran University of Medical Sciences School of Persian Medicine Department of Traditional Pharmacy Tehran, **IRAN**  
 “MEDICINAL PLANTS FOR GYNECOLOGICAL DISORDERS IN TRADITIONAL PERSIAN MEDICINE”

**26 APRIL 2024, FRIDAY****SALON A / SESSION – III****CHAIRS:** Prof. Dr. Umesh K. PATIL & Prof. Dr. Marina SPINU

<b>09.00 – 09.30</b>	<b>Invited Lecturer: PROF. DR. UMESH K. PATIL</b> Natural Product Research Laboratory, Division of Pharmacognosy, Department of Pharmaceutical Sciences, Dr. H.S. Gour Vishwavidyalaya (A Central University), Sagar, INDIA "POTENTIALS OF METABOLOMICS AND ETHNOPHARMACOLOGY IN DEVELOPMENT OF PHYTOMEDICINAL PRODUCTS"
<b>09.30 – 10.00</b>	<b>Invited Lecturer: PROF.DR.ILKAY ERDOGAN ORHAN</b> Department of Pharmacognosy, Faculty of Pharmacy, Gazi University, Turkish Academy of Sciences TÜBA), Ankara, TÜRKİYE "DO PLANT PHENOLICS WITH NEUROPROTECTIVE POTENTIAL REALLY WORK? – TOTAL SUM OF <i>IN VITRO</i> , <i>IN SILICO</i> , <i>IN VIVO</i> , AND MOLECULAR DATA"
<b>10.00 – 11.00</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-1</b>	<b>Marina Spînu*</b> , Carmen Dana Şandru, Eموke Pall, Diana Ioana Olah, Constantin Cerbu, Ana Maria Cozma-Petruţ, Jovan Bojkovski, Vasile Cozma, Aurel Vasiu Are Medicinal Plants Influential on Potentially Zoonotic Bacteriome in Swine?
<b>OP-2</b>	<b>Zora Dajić Stevanović*</b> , Stefan Kolašinac, Ilinka Pećinar, Ivana Pajić-Lijaković Carotenoids: The Target Phytonutrients in Raman Spectroscopy Studies
<b>OP-3</b>	<b>Flavio Polito*</b> , Vincenzo De Feo <i>Artemisia arborescens</i> (Vaill.) L.: Macro- and Micromorphology, Composition and Biological Activities of Its Essential Oil
<b>OP-4</b>	<b>Hector Romero Cantú, Riccardo Trentin, İnci Kurt-Celep, Gökhan Zengin, Paola Angelini, Giancarlo Angeles Flores, Luísa Custódio, Maria João Rodrigues*</b> Beach to Beauty: Blending Sea Lavender and Sea Knotgrass for Enhanced Dermo-Cosmetic Solutions
<b>OP-5</b>	<b>Viana Castañeda-Loaiza*</b> , Maria João Rodrigues, Narcisa M. Bandarra, Zoltán Cziáky, Luísa Custódio Nutritional Profile and Phenolic Composition of <i>Ammophila arenaria</i> and <i>Medicago marina</i> Seeds
<b>11.00 – 11.30</b>	<b>COFFEE BREAK</b>
<b>11.00 – 11.30</b>	<b>POSTER SESSION – I (PP1 – PP45)</b>

**SALON B / SESSION – I****09.00 – 10.00** | **INVITED LECTURER (SALON A)****CHAIRS:** Prof. Dr. Nur TAN & Prof. Dr. Eldar QARAYEV**10.00 – 11.00** | **ORAL PRESENTATIONS**

<b>OP-6</b>	<b>Maja Grigorov*</b> , Slavica Sunarić, Dragana Pavlović Thiamine Content in Extracts of Three <i>Verbascum</i> Species
<b>OP-7</b>	<b>Gülbahar Özge Alim Toraman*</b> , Nur Tan, Gülaçtı Topçu Di-, and Triterpenoids Isolation of Endemic Two Varieties of <i>Salvia sericeotomentosa</i> with Anticholinesterase Inhibitory Activity
<b>OP-8</b>	<b>Kheiria Hcini*</b> , Monia Bendhifi-Zarroug, Mouna Ben Farhat, Mounir Abidi, María Quílez, Maria José-Jordán, Sameh Kahlaoui, Sondes Stambouli-Essassi Phytochemical Profile of Tunisian Wild Rosemary ( <i>Rosmarinus officinalis</i> L.) Post-Distilled Residues: Correlation Between Polyphenolic Compounds and Antioxidant Activity
<b>OP-9</b>	<b>Deepa Iyer*</b> , Umesh Kumar Patil, Anil Kothari GC-MS Based Metabolites Profiling, In-Silico Analysis and In-Vitro Antiproliferative Activity of Isolated Bioactive Phyto Compounds from the Chloroform Fraction of <i>Evolvulus alsinoides</i> L. on MCF-7 Human Breast Cancer Cell Lines
<b>OP-10</b>	<b>Abdur Rauf, Kamala Badalova*</b> Naringenin and Naringin Polyphenols as a Powerful Anticancer Agent
<b>11.00 – 11.30</b>	<b>COFFEE BREAK</b>
<b>11.00 – 11.30</b>	<b>POSTER SESSION – I (PP1 – PP45)</b>

<b>SALON C / SESSION – I</b>	
<b>09.00 – 10.00</b>	<b>INVITED LECTURER (SALON A)</b>
<b>CHAIRS:</b> Dr. Ana Flavia BURLEC & Prof. Dr. Nazlı BÖKE SARIKAHYA	
<b>10.00 – 11.00</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-11</b>	<b>Ana Flavia Burlec*, Irina Macovei, Bianca Ivănescu, Cornelia Mircea, Oana Cioancă, Monica Hăncianu, Andreia Corciovă</b> Exploring the Potential Therapeutic Benefits of Natural Substances in Psoriasis
<b>OP-12</b>	<b>Andreia Corciovă*, Ana Flavia Burlec, Irina Macovei, Adrian Fifer, Ioana-Andreea Turin Moleavin, Bianca Ivănescu, Oana Cioancă, Monica Hăncianu, Cornelia Mircea</b> Green and Friendly Synthesis of Biogenic Silver Nanoparticles with Potential Antioxidant Properties
<b>OP-13</b>	<b>Meryem Ozdemir*, Murat Dogan, Gulay Ecevit-Genc, Sevda Suzgec-Selcuk</b> Phenolic Compounds and Cytotoxic Potential of <i>Heracleum paphlagonicum</i> Czecczott.
<b>OP-14</b>	<b>Monia Bendhifi-Zarroug*, Abir Bahi, Sameh Hidouri, Samiha Kahlaoui, Sondes Stambouli-Essassi, Kheiria Hcini</b> Antibiofilm Effect of Tunisian Cultivated Mulberry ( <i>Morus alba</i> L.) Polyphenolic Compounds against Pathogenic Bacteria
<b>OP-15</b>	<b>Ibrahim Malami*, Ramlatu Yusuf Hussaini, Zakiyyah Yakubu Yahaya Ibrahim</b> Exploring the Anticancer Properties of <i>Mitracarpus hirtus</i> (L.) DC.: Harnessing a Natural Resource for Breast Cancer Therapy
<b>11.00 – 11.30</b>	<b>COFFEE BREAK</b>
<b>11.00 – 11.30</b>	<b>POSTER SESSION – I (PP1 – PP45)</b>

<b>SALON A / SESSION – IV</b>	
<b>CHAIRS:</b> Prof. Dr. Govind P. RAO & Prof. Dr. Vincenzo DE FAO	
<b>11.30 – 12.30</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-16</b>	<b>Maja Grigorov*, Dragana Pavlović, Milica Martinović, Ivana Nešić</b> Some Aspects of In Vivo Safety of Extracts of Three Verbascum Species
<b>OP-17</b>	<b>Govind.P. Rao*, V. Sivaram</b> Phytoplasma Diseases Associated with Medicinal and Spices Crops in Asian Countries
<b>OP-18</b>	<b>Marina Spînu*, Carmen Dana Şandru, Diana Ioana Olah, Eموke Pall, Aurel Vasiu, Florina Marian, Emilia Trif, Gheorghită Duca</b> Immunostimulating Selenium Compounds versus Vegetal Extracts: Effects on the In Vitro Lysozyme Activity
<b>OP-19</b>	<b>Şandru Carmen Dana*, Spînu Marina, Pall Eموke, Silvana Popescu, Gheorghită Duca, Vasiu Aurel</b> Immunity in Horses: Could Vegetal Extracts Alleviate Productive Effort?
<b>OP-20</b>	<b>Katarzyna Bączek*, Kavana Raj, Olga Kosakowska, Jarosław L. Przybył, Sylwia Styczyńska, Zenon Węglarz</b> Accumulation of Terpene Compounds in Valerian ( <i>Valeriana officinalis</i> L.)
<b>12.30 – 13.30</b>	<b>LUNCH TIME</b>



**SALON B / SESSION – II****CHAIRS:** Prof. Dr. Roja RAHIMI & Dr. Kheiria HCINI

11.30 – 12.30	ORAL PRESENTATIONS
<b>OP-21</b>	<b>Rozana Othman*</b> , Wafa M. Al-Madhagi, Najihah Mohd Hashim, Nasser A. Awadh Ali Phytochemical, Antimicrobial and <i>in silico</i> Studies of Compounds Isolated from <i>Peperomia blanda</i> (Jacq.) Kunth
<b>OP-22</b>	<b>Kheiria Hcini*</b> , Samiha Kahlaoui, Monia Bendhifi-Zaroug, Wissem Zaroug, María Quilez, Maria José-Jordán, Abderrahmen Merghni, Sondes Stambouli-Essassi Antibacterial and Antibiofilm Activities of Tunisian Wild Thyme ( <i>Thymbra capitata</i> L.) Essential Oils against Pathogenic Bacteria
<b>OP-23</b>	<b>Shuchi Dave*</b> , Umesh Patil Protective Potential of <i>Annona squamosa</i> Seed Isolates in Ovarian Cancer
<b>OP-24</b>	<b>Sofija Kilibarda*</b> , Danijel D. Milinčić, Sandra Vuković, Đorđe Moravčević, Mirjana B. Pešić, Aleksandar Ž. Kostić Phenolic and Glucosinolate Profiles of <i>Diplotaxis tenuifolia</i> (L.) DC Hybrid Marte Grown with/without Biofortification Treatments
<b>OP-25</b>	<b>Hibat Allah Annabi*</b> , Bochra Laribi, Taoufik Bettaieb Effects of an Organic Biofertilizer and a Seaweed Liquid Extract on the Growth, Biomass Production, and Physiological Status of Aquaponically Grown Basil ( <i>Ocimum basilicum</i> var. <i>Genovese</i> )
<b>12.30 – 13.30</b>	<b>LUNCH TIME</b>

**SALON C / SESSION – II****CHAIRS:** Prof. Dr. İbrahim İlker ÖZYİĞİT & Prof. Dr. Monica HANCIANU

11.30 – 12.30	ORAL PRESENTATIONS
<b>OP-26</b>	<b>Ibrahim Ertugrul Yalcin*</b> , Faruk Karahan, Asli Hocaoglu-Ozyigit, Kadyrbai Chekirov, Ali Osman Solak, Ibrahim Ilker Ozyigit Heavy Metal and Trace Element Concentrations in Above-Ground Parts of Widely Used Medicinal Plants in Central Asia in Terms of Human Health Risk
<b>OP-27</b>	<b>Aboudia Aouatif*</b> , Leneveu-Jenvrin Charlene, Sophie, Fabienne Efficacy Assessment of Thyme Essential Oil as an Alternative Chemical Treatment to Preserve Fresh Pineapple Juice
<b>OP-28</b>	<b>Fatima-ezzahra Derdar*</b> , Hassou Mohammad, Hafida Bouamama, Samir Ibenmoussa Investigation of the Antioxidant Potential of Pistacia lentiscus Aerial Parts Extracts from Morocco
<b>OP-29</b>	<b>Serife Gulden Yilmaz*</b> Geranium ( <i>Pelargonium</i> sp.) with High Essential Oil and Medicinal Aromatic Characteristic
<b>OP-30</b>	<b>Rim Gatran*</b> , Malek Harabi, Dhaouiya Mergbi, Abdelkarim Ben Arfa, Mohamed Neffati, Hanen Najjaa Biochemical Profile and <i>in vitro</i> Biological Activities of Different Parts of three Spontaneous Edible Plants in Southern Tunisia
<b>12.30 – 13.30</b>	<b>LUNCH TIME</b>

<b>SALON A / SESSION – V</b>	
<b>CHAIRS:</b> Prof. Dr. Hashem EL-SEEDI & Prof. Dr. Maria HALABALAKI	
<b>13.30 – 14.00</b>	<b>Invited Lecturer: PROF. DR. JEREMY J. JOHNSON</b> University of Illinois Chicago, Department of Pharmacy Practice, Chicago, USA "CHARACTERIZING THE HEALTH PROMOTING PROPERTIES OF ROSEMARY ( <i>SALVIA ROSMARINUS</i> )"
<b>14.00 – 14.30</b>	<b>Invited Lecturer: Assoc. Prof. Dr. ALEXANDAR Ž. KOSTIĆ</b> Faculty of Agriculture, University of Belgrade, Chair of Chemistry and Biochemistry, Institute for Food Technology and Biochemistry, Belgrade, <b>SERBIA</b> "BRASSICA NAPUS MONOFLORAL BEE-COLLECTED POLLEN FERMENTED WITH KOMBUCHA-HOW MINERAL COMPOSITION AND PHYTOCHEMICALS/ BIOACTIVITY ARE AFFECTED"
<b>14.30 – 15.00</b>	<b>COFFEE BREAK</b>
<b>14.30 – 15.00</b>	<b>POSTER SESSION – II (PP46 – PP94)</b>
<b>15.00 – 16.00</b>	
<b>15.00 – 16.00</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-31</b>	<b>Burcu Karataş, Abdülsemel Ertaş, F. Sezer Şenol Deniz, Ilkay Erdogan Orhan*</b> Elastase and Lipoxigenase Inhibitory Effects and Phytochemical Analyses on Cultivated Samples of <i>Momordica charantia</i> L. in Samsun Province (Türkiye)
<b>OP-32</b>	<b>Zenon Węglarz*, Sylwia Styczyńska, Katarzyna Bączek</b> Medicinal and Aromatic Plants in Poland
<b>OP-33</b>	<b>Seyedeh Mahnaz Karimi*, Roja Rahimi, Mohammad Bayat</b> Protective Effects of <i>Pistacia atlantica</i> Desf. Oleo-Gum-Resin on Osteoporosis in Ovariectomized Rats by Regulating OPG/RANKL/RANK System
<b>OP-34</b>	<b>Maria Chalkiadaki*, Petros S. Tzimas, Dimitra Tsakirelli, Sibora Teta, John Vontas, Maria Halabalaki</b> Assessment of Plant Extracts for Tackling Cytochrome P450-Based Insecticide Resistance in Agricultural Pests and Disease Vectors
<b>OP-35</b>	<b>Petros S. Tzimas*, Stavros Beteinakis, Panayiota T. Papastylianou, Eleftherios A. Petrakis, Maria Halabalaki, Leandros A. Skaltsounis</b> New Approaches for Comprehensive Quality Assessment of <i>Cannabis sativa</i> L. with Focus on Cannabinoids

<b>SALON B / SESSION – III</b>	
<b>CHAIRS:</b> Prof. Dr. Hafida BOUAMAMA & Dr. Stefica FINDRI GUSTEK	
<b>13.30 – 14.30</b>	<b>INVITED LECTURER (SALON A)</b>
<b>14.30 – 15.00</b>	<b>COFFEE BREAK</b>
<b>14.30 – 15.00</b>	<b>POSTER SESSION – II (PP46 – PP94)</b>
<b>15.00 – 16.00</b>	
<b>15.00 – 16.00</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-36</b>	<b>Višnja Oreščanin, Štefica Findri Guštek*, Rosa Ferinčević, Marina Ferinčević</b> Evaluation of the Performance and Safety of Version II Acidosalus® Suppositories Compared to Bioapifit Anti-Hemorrhoidal Ointment in the Treatment of Hemorrhoidal Disease
<b>OP-37</b>	<b>Seçil Yazıcı-Tütüniş*, Gülbahar Özge Alim Toraman, Emine Akahn, Emir Tan, Ahmet Ceyhan Gören, Mahmut Miski, Gülaçtı Topçu, Nur Tan</b> Investigation of Antimicrobial Properties and Chemical Compositions of Polar Extracts from Selected Salvia Species
<b>OP-38</b>	<b>Tuğba Buse Şentürk, Nehir Kavi*, Timur Hakan Barak, Engin Celep</b> Evaluation of Commercial <i>Pinus pinaster</i> Ait., <i>Pinus massoniana</i> D.Don. ( <i>Pine turpentine</i> ) Essential Oil Samples According to European Pharmacopoeia 10.0 Criteria
<b>OP-39</b>	<b>Houssayni Siham*, Youssfi. M, Qaddoury.A, Bouamama.H</b> Exploring the Antimicrobial Potential of <i>Lavandula dentata's</i> Essential Oil and Phenolic Extracts
<b>OP-40</b>	<b>Nadia Bahammou, Hafida Bouamama*, Zefzoufi Manal, Ouafa Cherifi</b> Antifungal, Antioxidant Activities and Chemical Characterization of Brown Algae from Morocco

<b>SALON C / SESSION – III</b>	
<b>CHAIRS:</b> Prof. Dr. Tuba GÜNEL & Prof. Dr. Agnieszka SZOPA	
<b>13.30 – 14.30</b>	<b>INVITED LECTURER (SALON A)</b>
<b>14.30 – 15.00</b>	<b>COFFEE BREAK</b>
<b>14.30 – 15.00</b>	<b>POSTER SESSION – II (PP46 – PP94)</b>
<b>15.00 – 16.00</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-41</b>	<b>Christina Koutra<sup>*</sup>, Panagiotis Stathopoulos, Marina Humbert, Alexios-Leandros Skaltsounis</b> Optimization of drying methods and extraction conditions of OLs for the production of oleuropein and oleacein enriched extracts
<b>OP-42</b>	<b>Boughendjioua Hicham<sup>*</sup>, Boudjedir Atidel, Yahiaoui Bouchra</b> Morphological Parameters, Sensory Characteristics, Physico-Chemical Indices, Ultraviolet-Visible Absorbing and Antioxidant Activity of <i>Aloe vera</i> Gel from Algeria
<b>OP-43</b>	<b>Boughendjioua Hicham<sup>*</sup>, Sakhraoui Nora, Yahiaoui Bouchra</b> Morphological and Chemical Characteristics of Algerian <i>Aloe vera</i> Samples Compared to Those from Other Nations
<b>OP-44</b>	<b>Fatima Zohra Taleb, Maroua Ait Tastift, Zineb Omari, Ba-M'hamed Saadia, Chemseddoha Gadhi<sup>*</sup></b> Impact of a 28-Day Administration of Moroccan <i>Rosa damascena</i> Flowers Extract on Blood Biochemical Parameters, Tissue Histology, and Rodent Cognition"
<b>OP-45</b>	<b>Gizem Emre<sup>*</sup>, İsmail Şenkardeş, Kaan İşcan, Osman Tugay</b> Ethnobiological Investigations in Kırşehir (Türkiye)

<b>SALON A / SESSION – VI</b>	
<b>CHAIRS:</b> Assoc. Prof. Dr. Esra EROĞLU ÖZKAN & Dr. Roodabeh BAHRAMSOLTANI	
<b>16.15 – 17.45</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-46</b>	<b>Noureddine Djebli<sup>*</sup>, Nadjet Mostefa</b> Evaluation of the neuropharmacological properties on Alzheimer's disease and the inhibitory action on the acetylcholinesterase activity of <i>Passiflora edulis</i>
<b>OP-47</b>	
<b>OP-48</b>	<b>Omerul Faruk Tavli, Mehmet Boga, Orcun Cinar, Esra Eroglu Ozkan<sup>*</sup></b> Comparison of Chemical Composition and Biological Activity of Hypericum Perforatum Macerates Prepared with Avocado, Hemp, Coconut, and Olive Oils
<b>OP-49</b>	<b>Beyzanur Bostancı<sup>*</sup>, Şebnem Dönmez, Emine Akalın, Ali Yağız Üresin</b> Botanical Marvels of the Mediterranean: Unraveling Salvinorin A and Its Neurobiological Mechanisms
<b>OP-50</b>	<b>Roodabeh Bahramsoltani<sup>*</sup></b> Medicinal Plants for the Management of Inflammatory Bowel Disease in Traditional Persian Medicine
<b>OP-51</b>	<b>Fatma Memnune Eruçar<sup>*</sup>, Gülsüm Altıparmak Ülbegi, Sarath PD Senadeera, Pınar Aksoy Sağırılı, John A Beutler, Mahmut Miski</b> Comparing the Chemical Composition and Cytotoxic Activity Profiles of New Ferula Plants from Merwia Section Growing Native in Türkiye
<b>OP-52</b>	<b>Melek Karaaslan<sup>*</sup></b> The Importance of the Quality of Medicinal Plants Utilized by Public: Market Evaluation with Different Linden Samples

**SALON B / SESSION – IV****CHAIRS:** Prof. Dr. Aleksandar Z. KOSTIC & Dr. Habiba GACEM

16.15 – 17.45	ORAL PRESENTATIONS
OP-53	<b>Shaden A.M. Khalifa*</b> The Bee Products and The Broad-Spectrum Activities
OP-54	<b>Habiba Gacem*, Hadia Rizi, Imene Khafallah, Amira Khedidja, Djeghader Nour El-Houda, Rabah Chaouch, Moussa Houhamdi</b> Control of the House Mosquito <i>Culex Pipiens</i> Using a Plant Extract
OP-55	<b>Selen İlgin*, Gökçe Şeker Karatoprak, Mehmet Çadir, Zekiye Kocakaya, Mustafa Kocakaya</b> Evaluation of Cytotoxic and Anti-Inflammatory Activities of some <i>Xanthoparmelia</i> (Vain) Hale Species Distributed in Turkey
OP-56	<b>Nadia Fekih*, Hocine Allali, Batoul Benyelles, Mohamed Touaibia, Alain Musell</b> GC-MS Analysis of <i>Tropaeolum majus</i> L. (Garden Nasturtium) Volatile Components and Their Biological Activities
OP-57	<b>Çiğdem Bilgi*</b> Zebrafish as a Powerful Tool in Pharmacognosy
OP-58	<b>Amel Boudjelal*, Zineb Bouafia, Souheila Bouchahdane, Ilyas Yıldız, Tefvik Ozen, Ibrahim Demirtas</b> Arisarum vulgare: Bridging Tradition and Science Through Phytochemical Characterization and Exploring Therapeutic Potential via In Vitro and In Vivo Biological Activities
OP-59	<b>Amira Khedidja*, Djeghader Nour El-Houda, Msaadi Rayane, Gueddah Selma, Gacem Habiba</b> Obesity: The Importance of Phytotherapy in Treatment

**SALON C / SESSION – IV****CHAIRS:** Dr. Meryem BOZKURT & Dr. Ela Nur ŞİMŞEK SEZER

16.15 – 17.45	ORAL PRESENTATIONS
OP-60	<b>Rimsha Nausheen*, Usman Haidar, Arslan Iftikhar</b> Efficacy of Cinnamon Bark and Fenugreek Seed Extracts, Alone and in Combination, in Reversing High Fat Diet Induced Obesity, Insulin Resistance and Hyperglycemia
OP-61	<b>Sobia Kanwal*, Hina Murad, Tariq Mahmood</b> Phytochemical Potential of <i>Haloxylon stocksii</i> and <i>Paspalidium flavidum</i> from Pakistan
OP-62	<b>Meryem Bozkurt*, Tuna Uysal, Kuddisi Ertuğrul</b> Karyological Analysis of Some <i>Centaurea</i> Taxa
OP-63	<b>Ela Nur Şimşek Sezer*, Kuddisi Ertuğrul, Tuna Uysal</b> Cytotoxic Potential of <i>Dorycnium sanguineum</i> Extracts
OP-64	<b>Selin Tufan*, Nur Tanır, Nur Tan</b> Determination of Hederacoside C and $\alpha$ -Hederin Content of Various <i>Hedera helix</i> L. Extracts
OP-65	<b>Leila Gadouche*, Khayra Zerrouki, Azdinia Zidane, Sarra Metlef, Khawla Bouzemaene, Fouzia Tahrat</b> Ethnobotanical Survey of Medicinal Plants Used in Treatment of Female Infertility in Ain Defla and Chlef, Algeria
OP-66	<b>Ali Mahdavi*, Babak Darabighane</b> The Effects of <i>Origanum vulgare</i> L. Supplementation on Dry Matter Intake, Milk Yield, and Milk Composition in Dairy Cows: A Meta-Analysis

**26 APRIL 2024, FRIDAY NIGHT**

**SYMPOSIUM WELCOME DINNER  
ON THE BOAT (Chargable)**

**FROM 18.30 to 22.00**

**27 APRIL 2024, SATURDAY**

**SALON A / SESSION – VII**

**CHAIRS:** Prof. Dr. Jeremy J. JOHNSON & Dr. Cornelia MIRCEA

<b>09.30 – 10.30</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-67</b>	<b>Şandru Carmen Dana*</b> , Spînu Marina, Pall Eموke, Silvana Popescu, Gheorghiuă Duca, Vasiu Aurel Changes in Antibody Titers of Chickens Injected with <i>Calendula officinalis</i> and <i>Echinacea angustifolia</i> Extracts
<b>OP-68</b>	<b>Vişnja Oreščanin, Štefica Findri Guşte*</b> , Rosa Ferinčević, Marina Ferinčević Safety and Efficacy of Version II Acidosalus® Pessaries Compared with Bioapigyn® Pessaries for the Relief of Bacterial Vaginosis Symptoms
<b>OP-69</b>	<b>Oana Cioanca, Robu Silvia, Ana Flavia Burlec, Mihaela Corlade-Andrei, Diana Cimpoesu, Cornelia Mircea, Monica Hancianu*</b> Phytoforensics as a Tool for Finding Adulterants and Contaminant in Food Supplements, Plant Extracts and Biologic Samples
<b>OP-70</b>	<b>Cornelia Mircea*</b> , Cristina Iancu, Emanuela (Pohrib) Nani, Andreia Corciovă, Monica Hancianu, Cătălina Stan The Assessment of Enzyme Inhibition Effects of Morin and its Beta-Cycodextrin Complex
<b>OP-71</b>	<b>Hibat Allah Annabi*</b> , Bochra Laribi, Sana Dhane Fitouri, Lamia Hamrouni*, Taoufik Bettaie Influence of PGPB Strains on the Growth, Biomass Production and Antioxidants of Basil ( <i>Ocimum basilicum var. genovese</i> ) Fertilized with Fish Effluent Originating from an Aquaponic System
<b>10.30 – 11.00</b>	<b>COFFEE BREAK</b>

**SALON B / SESSION – V****CHAIRS:** Prof. Dr. Kadriye ÇAĞLAYAN & Dr. Luisa CUSTODIO

<b>09.30 – 10.30</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-72</b>	<b>Riadh Ksourî*, Hanen Falleh, Rim Ben Mansour, Feten Zar Kalai, Walid Yeddes, Majdi Hammami, Neji Tarchoun, Lilian Barros</b> Recovery, Refinement and Stabilization of Preserving of High Added Compounds Value from Pumpkin By-Products
<b>OP-73</b>	<b>Seçil Karahüseyin*, Özge Vatandaşlar, Aynur Sarı</b> Plants Used as Wound Healers in Folk Medicine in Turkey
<b>OP-74</b>	<b>Devyani Rajput*, Umesh K Patil</b> Crocetin Loaded Nanogels for Skin Cancer Treatment via the Transdermal Route
<b>OP-75</b>	<b>Mine Ulusoy, Rengin Akkan, Kamuran Kaya, Başak Ulaşlı, Kadriye Çağlayan*</b> Detection and Characterization of Phytoplasmas and Their Possible Vectors in Thyme ( <i>Thymbra spicata</i> L.) in Hatay Province of Türkiye
<b>OP-76</b>	<b>Sheron Odmia Titalah, Célia Quintas, Isabel Ratão, Maria João Rodrigues, Luísa Custódio*</b> Exploring <i>Arthrocnemum macrostachyum</i> Biomass as a Salt Substitute in Goat Cheese
<b>10.30 – 11.00</b>	<b>COFFEE BREAK</b>

**SALON C / SESSION – V****CHAIRS:** Dr. Niussha ESMAEALZADEH & Dr. Zehra AYTAÇ

<b>09.30 – 10.30</b>	<b>ORAL PRESENTATIONS</b>
<b>OP-77</b>	<b>Niussha Esmaealzadeh*, Amirhossein Abdolghaffari, Maryam Baeri, Roodabeh Bahramsoltan</b> Understanding the Role of Nitric Oxide and Opioid Systems in Therapeutic Effects of Persian Bistort on the Rat Model of Acetic Acid-Induced Colitis
<b>OP-78</b>	<b>Bahar Tuba Findik*, Hilal Yıldız, Esmâ Birisci</b> Influence of Solvent Polarity on Phytochemical Profile, Enzyme Inhibitory Activity, Total Phenolic Compounds, and Antioxidant Activity of Blueberry ( <i>Vaccinium corymbosum</i> L.): A Comprehensive Correlation Analysis Between Chemical Profiles and Bioactivity
<b>OP-79</b>	<b>Zehra Aytaç*, Ahmet Gümüşçü</b> Effect of Different Organic Fertilizers and Harvest Times on the Essential Oil Composition of Sweet Basil ( <i>Ocimum basilicum</i> L.)
<b>OP-80</b>	<b>Additiya Paramanya, Ahmad Ali*</b> Utilizing Response Surface Methodology to Improve Consistency in Phycocyanin Extraction
<b>OP-81</b>	<b>Youssfi.M*, Houssayni.S, Qaddoury.A, Bouamama.H</b> Biological Activities of <i>Thymus satuireioides</i> and <i>Thymus pallidus</i> Essential Oils
<b>10.30 – 11.00</b>	<b>COFFEE BREAK</b>

**SALON A / SESSION – VIII****CHAIRS:** Dr. Harikesh Bahadur SINGH & Dr. Shaden A.M. KHALIFA

**11.00 – 11.30** **Invited Lecturer: PROF. DR. ALI YAĞIZ ÜRESİN**  
Department of Medical Pharmacology, Faculty of Medicine,  
İstanbul University, İstanbul, TÜRKİYE  
"TRANSLATIONAL RESEARCH - INSIGHT INTO HERBAL  
MEDICINES FROM NATURE TO BEDSIDE"

**11.30 – 12.30** **ORAL PRESENTATIONS**

**OP-82** **Malak Harabi\*, Hajer Tlili, Abdelkarim Ben Arfa, Hanen Najjaa, Mohamed Nefati**  
Phytochemical Composition and In Vitro Biological Activities of  
*Fumaria officinalis* from a Tunisian Arid Region

**OP-83** **Harikesh Bahadur Singh\***  
Biopesticides for Managing Diseases of Medicinal Plants: Current  
Scenario and Future Prospects

**OP-84** **Hazal Nazlıcan Atalay\*, Serhat Donmez, Ringaile Lapinskaite, Lukas Rycek, Gizem Nur Duran, Mehmet Özbil, Tugba Boyunegmez Tumer**  
Investigating the Therapeutic Activities of Novel  
Selagibenzophenone B Derivatives as PARP-1 Inhibitors in the  
Treatment of Castration-Resistant Prostate Cancer

**OP-85** **Özge Erdem\*, İsmail Emir Akyıldız, Sinem Raday, Emel Damarlı**  
Health Promoting Effects of Turkish Pine Honey by Serving  
Principal Bioactive Compounds

**OP-86** **Mehdi Mohebodini\*, Iman Khalili Baseri, Karim Farmanpour Kalalagh**  
Population Structure Analysis Based on ISSR Molecular Data  
Revealed Two Subpopulations Among Iranian Purslane  
(*Portulaca oleracea* L.) Accessions

**12.30 – 13.30** **LUNCH BREAK****SALON B / SESSION – VI****CHAIRS:** Dr. Ivica Blazevic & Dr. Hamed AHANSAZAN**11.00 – 11.30** **INVITED LECTURER (SALON A)****11.30 – 12.30** **ORAL PRESENTATIONS**

**OP-87** **Najihah Mohd Hashim\*, Mashitoh Abd Rahman, Faiqah Ramli**  
Unlocking the Bioactive Potential of Polyphenolic Compounds as  
Anticancer Agent from Malaysian Artocarpus Species

**OP-88** **Hamed Ahansazan\***  
The Applications of Aromatic Oils for Managing the Complication  
of Psychological Diseases in Ancient Persia

**OP-89**

**OP-90** **Djeghader Nour El-Houda\*, Amira Khedidja, Gacem Habiba, Boudjelida Hamid**  
Ovicidal Activity of Essential Oils of *Ocimum basilicum* Against  
the West Nile Vector *Culex pipiens*

**OP-91** **Khalida Bougoffa-Sadaoui\*, Halima Ouadid-Ahidouch**  
The Alkaloid Protopine Extract Inhibits the Growth of MCF-7 and  
MDA-MB-231 Breast Cancer Cell Lines by Inducing Cell Cycle  
Arrest without Affecting Normal Cells

**12.30 – 13.30** **LUNCH BREAK**

**SALON C / SESSION – VI****CHAIRS:** Prof. Dr. Azdinia ZIDANE & Dr. Ranabir SAHU**11.00 – 11.30** INVITED LECTURER (SALON A)**11.00 – 12.30** ORAL PRESENTATIONS

- OP-92** **Ranabir Sahu\***, **Priya Das**  
Preparation of Green Synthesis of Silver Nanoparticles Using *Duabanga grandiflora* Leaf Extract and Evaluation of Their Therapeutic Applications
- OP-93** **Azdinia Zidane\***, **Sarra Metlef**, **Leila Gadouche**, **Aicha Laissaoui**, **Sabrina Riati**  
Histotoxicity and Haematotoxicity of Some Medicinal Plants
- OP-94** **Sarra Metlef\***, **Azdinia Zidane**, **Meriem Saadoud**, **Leila Gadouche**  
Anti-inflammatory and Gastroprotective Activity of Sigoise Olive Leaves Extracts from Algeria: In Vivo and In Silico Evidence
- OP-95** **Rafya Meriem**, **Zehhar Naima**, **Hafidi Abdellatif**, **Benkhalti Fatiha\***  
Enhanced Antioxidant Activity through the Synergistic Effect of Essential Oils in Nanoemulsion Formulation
- OP-96** **Hafida Merzouk\***  
The Effect of 12 Local Medicinal Plant Extracts Against Uropathogenic *Escherichia coli*

**12.30 – 13.30** **LUNCH BREAK****SALON A / SESSION – IX****CHAIRS:** Prof. Dr. Emine AKALIN & Dr. Keltoum BENAÏSSA**13.30 – 15.00** ORAL PRESENTATIONS

- OP-97** **Hanane Sihem Sebaa\***, **Fatima Khiat**, **Halima Lazreg**, **Yasmina Louerrad**, **Abdulrazak Djabeur**  
Ultrastructural, Histochemistry and Quantitative Analysis of Proanthocyanidins (Tannins) from Endocarps Fruit of *Argania spinosa* L. Skeels (Tindouf)
- OP-98** **Keltoum Benaïssa\***  
The Use of Dates By-Product in Traditional Medicine by the Rural People of Biskra (Southern East of Algeria)
- OP-99** **El Bakkal Salah Eddine**, **Bouamama Hafida**, **El Kaoua Mimoun**, **Zehhar Naïma\***  
Effect of Algae Extract (*Ulva rigida* and *Fucus spiralis*) on the Antioxidant and Antimicrobial Activities of *Lavandula dentata*"
- OP-100** **Djelili-Mamou Farida\***, **Servili Maurizio**, **Proietti Primo**, **Tamendjari Abderezak**  
Effects of the Variety and Level of the Mixtures on the Physicochemical Parameters and the Quality of the Oils Obtained from Two Varieties of Algerian Olives: Azerradj and Chemlal
- OP-101** **Zakaria Boujhoud\***, **Intissar Kammoun**, **Touria Essayagh**, **Ibtissem Ben Amara**, **Sanah Essayagh**  
The Wound Healing Potential of a Moroccan Lamiaceae

**15.00 – 16.00** **CLOSING CEREMONY**



# MESMAP – 10

## POSTER PROGRAM

<b>PP-1</b>	<b>Aslouj Nour*, BenJemaa Mariem, Mejri Nahla, Falleh Hanen, Abdennebi-Najar Latifa, Hammami Majdi, Ksouri Riadh</b> Water-Soluble Polysaccharides from Date Palm ( <i>Phoenix dactylifera</i> L.) Seeds: Biological Activities and Functional Properties
<b>PP-2</b>	<b>Viana Castañeda-Loaiza, Maria João Rodrigues, Luísa Custódio*</b> Effect of the Cultivation System of <i>Sarcocornia perennis</i> on Its Nutritional Properties
<b>PP-3</b>	<b>Sara Motyka, Eliza Blicharska, Małgorzata Tatarczak-Michalewska, Grzegorz Wójcik, Agnieszka Szopa*</b> Ability of <i>Salvia hispanica</i> (Chia) <i>in vitro</i> Cultures to Bioaccumulate Health-Promoting Metal Ions
<b>PP-4</b>	<b>Alexios – Leandros Skaltsounis*, Georgia Sarikaki, Panagiota Papakotsi, Ioannis D. Kyriazis, Demetrios Kouretas, Dimitrios Iliopoulos, Ioannis K. Kostakis</b> Discovery and Characterization of GS27, a Novel ATP Citrate Lyase Inhibitor Showing In Vivo Activity
<b>PP-5</b>	<b>Ayşe Nalbantsoy, Nazlı Böke Sarıkahya*</b> Immunomodulator Activity Potentials of Adjuvant Candidate Saponins Isolated from Cephalaria Species
<b>PP-6</b>	<b>Amira Khedidja*, Djeghader Nour El-Houda, Gacem Habiba, Delhoum Hadia, Boudjelida Hamid</b> The Spontaneous Plant <i>Inula viscosa</i> (L.) Aiton in an Ethnobotanical Study
<b>PP-7</b>	<b>Djeghader Nour El-Houda*, Amira Khedidja, Gacem Habiba, Boudjelida Hamid</b> Extraction and Antioxidant Activity of Essential Oils of <i>Arbutus unedo</i>
<b>PP-8</b>	<b>Chonticha Romyasamit*, Gridthin Ungrattanacha</b> Antioxidant, Antibacterial, and Antibiofilm Activities of Aqueous Crude <i>Gymnema inodorum</i> Leaf Extract against Vancomycin-Resistant <i>Enterococcus faecium</i>

<b>PP-9</b>	<b>Chenini-Bendiab Hadjer*, Douichenne Salima, Djebli Nouredine</b> Evaluation of the Therapeutic Properties of <i>Chicorium spinosum</i> L. on Carrageenan-Induced Inflammation in Mice
<b>PP-10</b>	<b>Benselama Amel*, Ouanane S.M.</b> Study the Effect of Some Chemical Substances on the Germination of Two Medicinal Species
<b>PP-11</b>	<b>Esma Sultan Baykara, Esmanur Bolat, Betül Alkan, Esma Yeniçeri, Çiğdem Bilgi*</b> Exploring the Anticancer Potentials of <i>Lavandula angustifolia</i> Miller and <i>Lavandula x intermedia</i> Emeric ex Loisel
<b>PP-12</b>	<b>Fenchouch Amer*, Boughendjioua Hicham</b> Acetylcholinesterase Inhibitory and Antibacterial Activity of <i>Mentha piperita</i> Essential Oil
<b>PP-13</b>	<b>Fatima-ezzahra Derdar*, Hafida Bouamama, Samir Ibenmoussa</b> Biological Activities of <i>Pistacia lentiscus</i> Edible Oil from Ourika Region (Morocco)
<b>PP-14</b>	<b>Emir Kahraman*, Meryem Ozdemir, Sevda Suzgeç-Selcuk</b> Examinations on the Drug <i>Melissae folium</i>
<b>PP-15</b>	<b>Elif Diler*, Fatma Memnune Eruçar, Selin Tufan, Nur Tan</b> Investigation on the Traditional Extraction Method of Black Radish ( <i>Raphanus sativus</i> var. <i>niger</i> ): Chemical Content and Antioxidant Activity Screening
<b>PP-16</b>	<b>Ebru Kuruldak*, Aynur Sarı</b> Ethnobotany of <i>Taraxacum</i> sp. in Turkiye and Pharmacopoeia Analysis of <i>Taraxacum hellenicum</i> Dahlst. and <i>Taraxacum aleppicum</i> Dahlst.
<b>PP-17</b>	<b>Fatma Göç*, Gülbahar Özge Alim Toraman, Rabia Sare Yanıkoğlu, Firdevs Demirel, Betül Uluocak, Hayrullah Pakkan, Kerem Başoğlu, Bedrettin Selvi, Gülaçtı Topçu</b> <i>Onosma ambigens lacaita</i> : Evaluation of Cholinesterase Inhibitory Activity
<b>PP-18</b>	<b>Firdevs Demirel*, Gülbahar Özge Alim Toraman, Ali Asram Sağıroğlu, Nur Tan, Ayşenur Günaydın Akyıldız, Gülaçtı Topçu</b> Polar Extracts Preparation of <i>Platanus orientalis</i> and Determination of Their Phytochemical Content by LC-HRMS Analysis
<b>PP-19</b>	<b>Furkan Çakır*, Halil Şenol, Nuray Ulusoy-Güzeldemirci</b> Virtual Screening of Galantamine Derivatives as Novel Acetylcholinesterase Inhibitors

<b>PP-20</b>	<b>Gülce Gucur*, Gaye Sümer Okkalı, Nazlı Böke Sarıkahya</b> Isolation and Purification of Vaccine Adjuvant Candidate Saponins from <i>C. scoparia</i>
<b>PP-21</b>	<b>Gülbahar Özge Alim Toraman*, Nur Tan, Gizem Gülsoy Toplan, Günay Sarıyer, Ayca Yıldız Peköz, Çağlayan Gürer</b> LC-HRMS Analyses of <i>Salvia veneris hedge</i> Root Extracts with Anti-Alzheimer Activity
<b>PP-22</b>	<b>Guellil Hayet*, Ait Hamadouche Nadia, Kharoubi Omar</b> Green Tea Protective Effect Against Lead Acetate Inducing Reprotoxic Effects in Male Rats
<b>PP-23</b>	<b>Kadriye Arslan, Gizem Emre*</b> Evaluation of Ethnobotanical Characteristics of <i>Urtica</i> Genus
<b>PP-24</b>	<b>Gaye Sümer Okkalı*, Gülce Gucur, Nazlı Böke Sarıkahya</b> Isolation, Purification and Structural Determination of Immunomodulator Active Saponins from <i>C. elmaliensis</i>
<b>PP-25</b>	<b>Harchaoui Lilya*, Ouafi Saida, Ait-Said Zahwa, Meguellati Hassina, Saad Somia</b> HPLC Analysis and Evaluation of In Vitro and In Vivo Antidiabetic Activities of <i>Centaurium erythrae</i>
<b>PP-26</b>	<b>Hanan Najjaa*, Hajer Tlili, Anissa Abbassi, Abdelkarim Ben Arfa, Mokded Rabhi, Mohamed Neffat</b> Assessment of Allelopathic Potential of a Spontaneous Plant on Various Oasis Weeds
<b>PP-27</b>	<b>Hanan Falleh*, Rim Ben Mansour, Nahla Mejri, Manel Nasr, Mariem Ben Jemaa, Neji Tarchoun, Riadh Ksouri</b> Development of a Nutritious Beverage Utilizing Pumpkin By-Products
<b>PP-28</b>	<b>Emanuela (Pohrib) Nani, Cristina Iancu, Andreia Corciovă, Monica Hăncianu, Oana Cioancă, Cătălina Stan, Flavia Burlec, Cornelia Mircea*</b> The Evaluation of Antioxidant Effects of Chrysin and Its Beta-Cycodextrin Complex
<b>PP-29</b>	<b>Issoughaine Assia, Qaddoury Ahmed, Bouamama Hafida*</b> Effect of Mycorrhizal Fungi on the Chemical Profile of <i>Mentha suaveolens</i> Ehrh. subsp. <i>timija</i> from Morocco

<b>PP-30</b>	<b>Habiba Gacem*, Hadia Rizi, Imene Khafallah, Amira Khedidja, Djeghader Nour El-Houda, Rabah Chaouch, Moussa Houhamdi</b> The Effect of Rosemary Oil on a Non-Target <i>Plea minutissima</i> Leach, 1817 (Insecta, Heteroptera)
<b>PP-31</b>	<b>Anca Toiu, Iioara Oniga, Ana-Maria Vlase, Alina Elena Pârvu, Laurian Vlase*</b> Exploring the Cardioprotective Effects of <i>Melilotus officinalis</i> and <i>Melilotus albus</i> Extracts: Insights into Traditional Romanian Herbal Medicine
<b>PP-32</b>	<b>Koula Doukani*, Hasna Bouhenni, Nour el Houda Lagraa, Ferial Bouchenaf</b> Antioxidant and Antimicrobial Activities of <i>Juglans regia</i> L. Bark
<b>PP-33</b>	<b>Ameni Kochbati*, Dhouha Kricheene, Majdi Hammami, Amira Saeid, Aziz Hichami, Naim Khan, Riadh Ksouri</b> Exploring the Anti-inflammatory Potential of Olive Leaf Terpenoids for Therapeutic Horizons
<b>PP-34</b>	<b>Irina Macovei*, Ana Flavia Burlec, Cornelia Mircea, Anca Miron, Oana Cioancă, Monica Hăncianu, Andreia Corciovă</b> <i>Geum urbanum</i> L. Rhizome Extracts Derived Noble Metal Nanoparticles: Synthesis, Characterization and Antioxidant Potential
<b>PP-35</b>	<b>Ioannis K. Kostakis*, Panagiota Stamou, Despoina D Gianniou, Ioannis P. Trougkos, Maria Halabalaki, Leandros A. Skaltsounis</b> Isolation and Semi-Synthetic Derivatives of Chios Mastic Gum Triterpenic Acids and Evaluation of Their Anti-inflammatory Activity
<b>PP-36</b>	<b>Nateelak Kooltheat*, Chonnawee Chamnanvaschakit</b> Phytochemical Compositions, Antioxidant Activities, and Anti-inflammatory Activities of <i>Artemisia lactiflora</i> Extract
<b>PP-37</b>	<b>Monia Bendhifi-Zarroug*, Kheiria Hcini, Hayet Saudi, Abdallah Fraj, Samiha Kahlaoui, Sondes Stambouli-Essassi</b> Variation in Total Phenolic Content and Antioxidant Activity of <i>Opuntia ficus-indica</i> L. Seeds Extract of Tunisian Cultivars
<b>PP-38</b>	<b>Mokhtari Zineb*, Boukhatem Mohamed Nadjib, Benelmouffok Amina Bouchra</b> In Vitro Evaluation of the Antifungal Effect of the Essential Oil of <i>Origanum compactum</i>

<b>PP-39</b>	<b>Youssfi.M*, Houssayni.S, Qaddoury.A, Bouamama.H</b> Antioxidant and Antibacterial Activities of Two Moroccan Thyme Species Methanolic Extracts
<b>PP-40</b>	<b>Mena Nihad Akbar Akbar*, Sevda Süzgec Selcuk</b> Aromatherapy in Dermatology
<b>PP-41</b>	<b>Meguellati H.*, Saad S., Harchaoui L., Djemouai N., Ouafi S.</b> Study of the Anti-inflammatory Properties and Acute Toxicity of Infused Cistanche violacea (Desf.)
<b>PP-42</b>	<b>Panagiota Stamou*, Christina Koutra, Maria Xenaki, Iro Kokkinou, Panagiotis Stathopoulos, Alexios-Leandros Skaltsounis</b> 2-Methyloxolane (2-MEOX), a Bio-based Solvent for the Extraction of Natural Products and Food Ingredients
<b>PP-43</b>	<b>Ouafi Saida*, Harchaoui Lilya, Ait-Said Zahwa, Meguellati Hassina, Saad Somia</b> Phytochemical Analysis and Pharmacological Properties of <i>Myrtus communis</i> Aerial Parts from Algeria
<b>PP-44</b>	<b>Olga Karoutzou*, Eleftherios Kalpountzakis, Despina Smirlis, Leandros Skaltsounis</b> <i>Artemisia umbelliformis</i> subsp. <i>eriantha</i> Phytochemistry and Antileishmanial Activity
<b>PP-45</b>	<b>Nur Tanır Özkanlı*, Muhammed Salih Yüksek, Fadıl Kaan Kuran, Nur Tan</b> Determination of Trans-Resveratrol Content in Industrial Waste of Grape Pomace and Harvested <i>Vitis labrusca</i> cv. <i>Isabella</i> Grapes
<b>PP-46</b>	<b>Nina Djapic*</b> Enchanting Fragrances of Marcescent Leaves
<b>PP-47</b>	<b>Panagiotis Marakos*, Maria Georgiou, Nikolaos Sakalis, Nikolaos Lougiakis, Nicole Pouli, Eleni Mavrogonatou, Harris Pratsinis, Dimitris Kletsas</b> Biological Activity of New Purine Isosters with Structural Analogy to Natural Compounds
<b>PP-48</b>	<b>Nicole Pouli*, Panagiota Lampiri, Athanasios Pousias, Panagiotis Marakos, Nikolaos Lougiakis, Eleni Mavrogonatou, Harris Pratsinis, Dimitris Kletsas</b> Antiproliferative Activity Evaluation of New Natural Product Inspired Purine Analogues

<b>PP-49</b>	<b>Houssayni.S*, Youssfi. M, Qaddoury.A, Bouamama.H</b> Antioxidant Activity of <i>Lavandula dentata</i> 's Essential Oil Using FRAP, TAC, and DPPH Assays
<b>PP-50</b>	<b>Wetpisit Chanmol*, Panupong Yaya</b> Antileishmanial Activity and In Silico Molecular Docking Studies of Zingiber cassumunar Roxb. Extract against Leishmania chagasi
<b>PP-51</b>	<b>Wijdane Moukhlis, Anass Kettani, Samira Serghat*</b> Contribution to the Establishment of a Health and Safety Management System According to the Draft International Standard ISO 45001:2018 within an Agri-Food Company
<b>PP-52</b>	<b>Salima Douichene*, Nouredine Djebli</b> Gastroprotective Effect of Juniperus phoenicia Extract on the Ulcer Induced by NSAIDs
<b>PP-53</b>	<b>Amel Rehaïem*, Moufida A. Al Oueslati, Ithem Boutiba Ben Boubaker</b> Antibacterial Potential of <i>Olea europea</i> Leaves Extract Targeting Multidrug Resistant ESKAPEE Human Pathogens
<b>PP-54</b>	<b>Katarzyna Pokajewicz, Ibtissem Ben Hammouda, Radowski Balwierz, Anna Kurek, Piotr P. Wieczorek*</b> A GC-MS Study of the Volatilome of Propolis from Various Origins
<b>PP-55</b>	<b>Zerrouki Dehbia*, Darrab Djillali, Doukani Koula</b> Optimization of the Extraction of Phenolic Compounds from <i>Erica arborea</i> L. Grown in Western Algeria
<b>PP-56</b>	<b>Zehra Ezel Dolap*, Fatma Memnune Eruçar, Büşra Ayten Kızılay, Seçil Yazıcı-Tütüniş, Gökalep İşcan, Betül Demirci, Nur Tan</b> Chemical Profile and Antimicrobial Activity of Essential Oil of <i>Citrus sinensis</i> Kompost Products
<b>PP-57</b>	<b>Beyzanur Ongün, Duygu Dişci, Shalaleh Hasan Niari Niar*, Beyza Nur Yılmaz, Turgut Taşkın, Ömer Kılıç, Elif Çalışkan Salih, Oya Kerimoğlu, Hatice Kübra Elçioğlu</b> Investigation of Biological Activities of <i>Onosma alboroseum</i> subsp. <i>alboroseum</i> var. <i>alboroseum</i> and Preparation of Extract Loaded Nanoparticles

<b>PP-58</b>	<b>Aikaterina L. Stefi, Evangelos Kalampokis*, Iliana Katsiadrami, Georgia C. Ntroumpogianni, Theodora Nikou, Nikolaos S. Christodoulakis, Maria Halabalaki</b> Exploring the Impact of Temperature Stress on Carob Tree, <i>Ceratonia siliqua</i> ; Ecoanatomical Study, Secondary Metabolite Analysis and Antimicrobial Activity
<b>PP-59</b>	<b>Tuğçe Yüksel*, Fatma Memnune Eruçar, Selin Tufan, Nur Tan</b> Curcuminoid Quantification and Antioxidant Properties of the Extracts from Turmeric ( <i>Curcuma longa</i> ) Plants Grown in Türkiye
<b>PP-60</b>	<b>Tahar Smaili*, Hamdi Bendif, Khellaf Rebbas, Guido Flamini</b> Composition of the Volatile Oil of Algerian <i>Elaeoselinum fontanesii</i> and Their Phytotoxic Activity
<b>PP-61</b>	<b>Sueda Nur Demir*, Betül Akbaş, Beyza Nur Yılmaz, Aslı Gül Acar, Zeki Severoğlu, Turgut Taşkın, Hatice Kübra Elçioğlu</b> The Biological Activities of <i>Echium plantagineum</i>
<b>PP-62</b>	<b>Ana-Maria Vlase*, Anca Toiu, Dana Muntean, Tibor Casian, Laurian Vlase, Adriana Filip, Ioana Bâldea, Nicoleta Decea, Remus Moldovan, Gianina Crişan</b> Investigation of the Anti-Inflammatory Efficacy of the Optimized <i>Epilobium dodonaei</i> Extract in Carrageenan-Induced Paw Inflammation in Wistar Rats
<b>PP-63</b>	<b>Saida Hanane Zitouni-Nourine*, Francoise Couic-Marinier, Mayssa Allaoui, Aisha Bengueddache, Nassima El Yebdri, Nesrine Bouchiba, Fatima Zohra Nadjat Mekaouche, Habiba Fetati, Fatima Boudia, Faiza Bereksi Reguig, Houari Toumi</b> Clinical Aromatherapy: What Is the Role of Natural Products in the Management of Chemotherapy-Induced Adverse Effects?"
<b>PP-64</b>	<b>Khedim Thinhinan*, Addar Adeldkader, Belkhous Arezki, Bouherama Amina, Djouadi Sam</b> Biodiversity of <i>Genus ophrys</i> L. (Orchidaceae) in Algeria Evidenced by Morphometric and Ecological Data
<b>PP-65</b>	<b>Sutthichai Thoakhamwong, Viva Jitcheun, Surachai Techaoei, Warachate Khobjai, Suriyan Sukati*</b> Fibrinolytic and Thrombolytic Potential of Indigenous Vegetables from Southern Thailand

<b>PP-66</b>	<b>Azra Đulović, Vedrana Čikeš Čulić, Franko Burčul, Ivica Blažević*</b> Anastatica hierochuntica and <i>Selaginella lepidophylla</i> : Chemistry and Antiproliferative Activity of True and False 'Rose of Jericho' Resurrection Plants
<b>PP-67</b>	<b>Khedim Thinhinan*, Trabsi Smain</b> Comparative Morpho-Anatomical Characterization of Some Medicinal and Aromatic Lamiaceae Species from Algeria
<b>PP-68</b>	<b>Fenchouch Amer*, Boughendjioua Hicham</b> Chemical Composition and Antimicrobial Activity of <i>Rosmarinus officinalis</i> Essential Oil
<b>PP-69</b>	<b>Viana Castañeda-Loaiza*, Maria João Rodrigues, Zoltán Cziáky, Narcisa M. Bandarra, Luísa Custódio</b> Nutritional and Antinutritional Profiles, Volatiles and Phenolic Composition of <i>Atriplex halimus</i> L. Seeds
<b>PP-70</b>	<b>Fatma Göç*, Gülbahar Özge Alim Toraman, Çağla Kızıllarslan Hançer, Gülaçtı Topçu</b> Cholinesterase Inhibitory Activities of <i>Veronica chamaedrys</i> L.
<b>PP-71</b>	<b>Saida Hanane Zitouni-Nourine*, Francoise Couic-Marinier, Souad Bahim, Nassima El Yebdri, Nesrine Bouchiba, Fatima Zohra Nadjat Mekaouche, Habiba Fetati, Fatima Boudia, Tirfani Djahida, Houari Toumi</b> Evaluating the Inhalation of Black Pepper Plus Lavender Essential Oils as a Promising Approach to Suppress Nicotine Cravings
<b>PP-72</b>	<b>Olivera Politeo, Franko Burčul, Ivica Blažević*, Azra Đulović, Ivana Generalić Mekinić</b> Variation in Chemical Composition of Essential Oils from Sea Fennel ( <i>Crithmum maritimum</i> L.) Collected Along Different Locations of the Adriatic Coast
<b>PP-73</b>	<b>Suriyan Sukati*, Chaiwat Rerkswattavorn, Wandee Chanprasertpinyo, Manit Nuinoon, Rangsan Butcha, Phayong Thepaksorn, Katanchalee Thabsri, Suwannee Sroisong, Pussadee Srathong</b> Assessment of Safety for Kerra Formula Capsules Through Oral Administration in Healthy Volunteers: Phase I Clinical Trial

<b>PP-74</b>	<b>Rafya Meriem, Zehhar Naima*, Hafidi Abdellatif, Benkhalti Fatiha</b> Synthesis, Characterization and Antioxidant Evaluation of Nanoemulsions Derived from <i>Rosmarinus officinalis</i> , <i>Salvia officinalis</i> , and <i>Thymus satureioides</i> Oils
<b>PP-75</b>	<b>Viktor Filatov*, Alina Yarovaya, Mariya Olkhovskaya</b> A Novel Pharmacological Approach for the Prevention of Skin Xerosis and Xerostomia: The Phytochemical with a Targeted Activity on AQP3 and AQP5 in Epidermal Cells
<b>PP-76</b>	<b>Şebnem Dönmez*, Beyzanur Bostancı, Emine Akalın, Ali Yağız Üresin</b> Exploring the Therapeutic Potential of Crataegus: Traditional Uses, Pharmacological Properties, and Clinical Perspectives in Cardiovascular Health
<b>PP-77</b>	<b>Fatma Timur*, Beyza Nur Yılmaz, Turgut Taşkın, Duygu Taşkın, İsmail Şenkardeş, Shalaleh Hasan Niari Niar, Emine Alarçin, Pınar Sinem Omurtag Özgen, Ayşe Nur Yavuz, Dilek Akakin, Özlem Bingöl Özakpınar, Derya Özsavcı, Levent Kabasakal, Erkan Rayaman, Ayfer Beceren, Ahmet Doğan, Elif Çalışkan Salihi, Oya Kerimoğlu, Hatice Kübra Elçioğlu</b> Inhibition of $\alpha$ -Glucosidase and Antioxidant Activity of <i>Thymus longicaulis</i> Subsp. <i>chaubardii</i>
<b>PP-78</b>	<b>Buse Canan Çağlı, Beyza Nur Yılmaz, Turgut Taşkın, Duygu Taşkın, İsmail Şenkardeş, Shalaleh Hasan Niari Niar*, Emine Alarçin, Pınar Sinem Omurtag Özgen, Ayşe Nur Yavuz, Dilek Akakin, Derya Özsavcı, Levent Kabasakal, Erkan Rayaman, Ayfer Beceren, Ahmet Doğan, Elif Çalışkan Salihi, Oya Kerimoğlu, Hatice Kübra Elçioğlu</b> Antioxidant and Anti-Urease Activities of <i>Origanum majorana</i> L.
<b>PP-79</b>	<b>Rabia Eda Şahin*, Ömer Kılıç, Turgut Taşkın</b> Investigation of Antioxidant Activities of Different Extracts from Endemic Species: <i>Onosma bornmuelleri</i> Hausskn.
<b>PP-80</b>	<b>Christos Nastos, Maria Xenaki, Alexandra Svoiraki, Dimitris Michailidis, Petros Tzimas*, Panagiotis Stathopoulos, Emmanuel Hatzakis, Leandros Skaltsounis, Maria Halabalaki</b> Adding Value on Pomegranate Fruit Processing

<b>PP-81</b>	<b>Panagiotis Stathopoulos*, Christina Koutra, Alexandra Svoiraki, Alexios-Leandros Skaltsounis</b> A Novel Bio-Functional Food Product, Enriched with HT Extracts from Olive Leaves
<b>PP-82</b>	<b>Fatma Betül Saki*, Ömer Kılıç, Turgut Taşkın</b> Investigation of Antioxidant Activities of Different Extracts from Endemic Species: <i>Galium dumosum</i> Boiss.
<b>PP-83</b>	<b>Maria Xenaki, Christos Nastos, Alexandra Svoiraki, Dimitris Michailidis, Christodoulos Anagnostou*, Panagiotis Stathopoulos, Emmanuel Hatzakis, Leandros Skaltsounis</b> Valorization of Grape Pomace: A Minimum Waste Approach
<b>PP-84</b>	<b>C. Anagnostou*, G. Papazoglou, J. Drljača-Lero, M. Milanovic, E. Hatzakis, S. Mitakoua, E. Kalpoutzakis, N. Milić, M. Halabalaki</b> Targeted Investigation on Pyrrolizidine Alkaloids of Greek Boraginaceae Species
<b>PP-85</b>	<b>Christina Koutra*, Vasileios Siderakis, Panagiotis Stathopoulos, Alexios-Leandros Skaltsounis</b> An Advanced Methodology for Obtaining Maslinic Acid and Oleanolic Acid from Olive Pomace
<b>PP-86</b>	<b>Deniz Talebzadeh*, Gökçe Ercan, Burak Dilemek, Fatma Elif Çepni Yüzbaşıoğlu</b> Antioxidant Activities of <i>Bituminaria Bituminosa</i> Callus Cultures Produced under Different Conditions
<b>PP-87</b>	<b>Keltoum Benaissa*</b> Ethnobotanical Survey on Condiment Plants Used During Ramadan in Biskra (Southern East of Algeria)
<b>PP-88</b>	<b>Mouaz Salima, Doukani Koula*, Bouhenni Hasna</b> Phytochemical Profile of Methanolic Extracts of <i>Marrubium vulgare</i> from Different Biotopes of the Region of Tيارت- Algeria
<b>PP-89</b>	<b>Oana Cioanca*, Ionut Iulian Lungu, Mihaela Magdalena Flutur, Alina Stefanache, Cornelia Mircea, Cristina Tuchilus, Gabriela Tataringa, Monica Hancianu</b> Comparative Study: Identifying the Pharmacological Potential of Catechin Complexes With Plurivalent Metal Ions
<b>PP-90</b>	<b>Viana Castañeda-Loaiza, Maria João Rodrigues*, Luísa Custódio</b> Nutritional and Anti-Nutritional Dynamics of <i>Arthrocaulon macrostachyum</i> Cultivated Under Different Salinities

<b>PP-91</b>	<b>Merve Has*, Mine Kurkcuoglu, Fatma Pinar Turkmenoglu</b> Volatile Compounds of Some <i>Hypericum</i> L. Species Growing in Turkiye
<b>PP-92</b>	<b>Merve Has*, Fatma Pinar Turkmenoglu</b> Anatomical and Ultrastructural Investigation on <i>Hypericum alacamdaglariense</i> H. Duman & Çakir, A Recently Described Endemic in Turkiye
<b>PP-93</b>	<b>Fatma Pinar Turkmenoglu*, Derya Osmaniye, Begum Nurpelin Saglik Ozkan</b> Bioactivity Studies on <i>Limonium lilacinum</i> (Boiss. & Bal.) Wagenitz Var. <i>Laxiflorum</i> Dogan & Akaydin
<b>PP-94</b>	<b>Maroua Ait tastift, Zineb Omari, Chemseddoha Gadhi*</b> Investigation of the Antinociceptive Activity of Crocin, the Principal Compound of Saffron from Taliouine Region, and Elucidation of its Potential Mechanism of Action in Rodents
<b>OPP-1</b>	<b>Martyna Muskala*, Tomasz Kowalczyk, Karol Górski, Przemyslaw Sitarek</b> <i>Plectranthus venter</i> Van Jaarsv. & Hankey - The Future of Plant Biotechnology?
<b>OPP-2</b>	<b>İrem Dilay Turan, Tuğba Günbatan*</b> Chymotrypsin Inhibitory Activity of <i>Medicago sativa</i>

## ONLINE – ORAL PRESENTATION 27 APRIL 2024

ONLINE SESSION	
CHAIRS: Dr. Lucia CAPUTO & Assoc. Prof. Dr. Cenk KIĞ	
<b>09.00 –09.30</b>	<b>Invited Lecturer: PROF. DR. RAMAN DANG</b> Principal Krupanidhi College of Pharmacy, Bengaluru, INDIA "THE TRENDS AND NEED OF MICROPROPAGATION"
<b>09.30 –10.00</b>	<b>Invited Lecturer: PROF. DR. OTILIA BOBIS</b> Faculty of Animal Sciences and Biotechnology, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, ROMANIA "REDUCING THE INVASIVE IMPACT OF <i>FALLOPIA JAPONICA</i> BY USING IT AS A SOURCE OF RESVERATROL EXTRACTION"

<b>10.00 –10.30</b>	<b>Invited Lecturer: PROF. DR. ALBAN IBRALIU</b> Department of Crop Production, Agricultural University of Tirana, Tirana, ALBANIA "DEVELOPMENT OF THE PRODUCTION OF BOTANICAL MATERIAL FROM MEDICINAL AND AROMATIC PLANTS IN ALBANIA"
ORAL PRESENTATIONS	
10.30 –11.50 CHAIRS: Prof. Dr. Otilia BOBIS & Prof. Dr. Kuntal DAS	
<b>OOP-1</b>	<b>Malek Al Faraj*, Merve Badem, Şeyda Kanbolat, Nevin Ulaş Çolak, Tuğba Subaş, Ufuk Özgen, Rezzan Aliyazıcıoğlu</b> Investigation of the Content and Pancreatic Lipase Inhibitory Effect of Extracts Obtained from Isabella Grape Waste Through Experimental Design
<b>OOP-2</b>	<b>Lucia Caputo*, Amira Ayed, Flavio Polito, Ismail Amri, Lamia Hamrouni, Yassine Mabrouk, Vincenzo De Feo</b> Essential Oils of Tunisian <i>Tetraclinis articulata</i> (Vahl) Mast.: Chemical Compositions and Biological Insights
<b>OOP-3</b>	<b>Gülsüm Yıldız*, Zilan Kızıltaş</b> Therapeutic Potential and Chemical Composition of <i>Tanacetum polycephalum</i> Subsp. <i>argyrophyllum</i>
<b>OOP-4</b>	<b>Kuntal Das*</b> <i>In silico, in vitro</i> Experimentation on Rare Herbal Plants from Western Ghats of India in Mitigation of Alzheimer through Management of Bace1 Enzyme Activity and Tau Hyperphosphorylation
<b>OOP-5</b>	<b>Emrah Şirin*</b> Morphological Features of the Section Mesocentron (Asteraceae) of Genus Centaurea in Turkiye
<b>OOP-6</b>	<b>Aybike Yektaoğlu*, Açelya Mavideniz, Hayrettin Ozan Gulcan</b> Fluorescent Characteristics and Metal Ion Binding Properties of 1,3-Dihydroxy Substituted Urolithin Derivative
<b>OOP-7</b>	<b>Sema Nur Güneç*, Sevgi Gezici, Hasene Keskin Çavdar</b> Extraction of Various Mulberry Fruits by Novel Methods and Determination of Bioactive Components and Biological Activities of the Extracts
<b>OOP-8</b>	<b>Bihter Erdoğan, Feyza Alyu Altınok*, Rana Arslan, Nurcan Bektaş</b> An Investigation on Possible Analgesic Effects of Avenanthramide-C

<b>11.50-13.10</b>	<b>CHAIRS:</b> Prof. Dr. Özgür ÇAKIR & Dr. Elif ÇEPNİ YÜZBAŞIOĞLU
<b>OOP-9</b>	<b>Murat Tuncurk*, Rüveyde Tuncurk</b> Investigation of Antioxidant Activity, Total Phenolic and Flavonoid Substance Amounts of <i>Filipendula ulmaria</i> (L.)
<b>OOP-10</b>	<b>Rüveyde Tuncurk*, Murat Tuncurk</b> Investigation of Antioxidant Activity, Total Phenolic and Flavonoid Substance Amounts and Dualex Values of Burdock ( <i>Arctium lappa</i> L.) Plant
<b>OOP-11</b>	<b>Seçil Eker*, Muhammed Akif Açıkgöz</b> The Effect of Temperature on the Essential Oil Composition of <i>Laurus nobilis</i> L.
<b>OOP-12</b>	<b>Mahmut Camlica*, Gulsum Yaldiz, Berkay Hakki Kantar</b> Alleviation of Salt Stress Condition of the Selenium Applications on Morphology and Yield Properties of Oregano
<b>OOP-13</b>	<b>Gulsum Yaldiz*, Mahmut Camlica</b> Effect of Growing Conditions on Emulsion Capacity, Emulsion Stability, and Protein Contents of Different Fenugreek Genotypes
<b>OOP-14</b>	<b>Özlem Ete Aydemir*, Faruk Özkutlu, Nazım Şekeroglu</b> Examination of Toxic Metals (Co, Cr, Mo, Ni, Pb) in Some Commonly Used Spices
<b>OOP-15</b>	<b>Gamze Tan*</b> Eco-Friendly Synthesis of Silver Nanoparticles Using <i>Cydonia oblonga</i> Leaf Extract and Their Antioxidant Activity
<b>OOP-16</b>	<b>Faruk Özkutlu*, Özlem Ete Aydemir, Nazım Şekeroglu</b> Determination of Chromium (Cr), Nickel (Ni), and Lead (Pb) in Medicinal Plants Widely Grown and Used in the Southern Region of Turkey
<b>13.10-13.40</b>	<b>LUNCH BREAK</b>
<b>13.40-15.00</b>	<b>CHAIRS:</b> Assoc. Prof. Dr. Murat PEKMEZ & Dr. Elif MERTOĞLU KAMALI
<b>OOP-17</b>	<b>Ebru Bati Ay*, Muhammed Akif Acikgoz</b> Effect of Harvest Times on Essential Oil Components and Antimicrobial Activity in Plant Organs of <i>Ferula lycia</i> Boiss.
<b>OOP-18</b>	<b>Muzaffer Barut*, Çağlar Kalkan, Serdar Satar, Leyla Sezen Tansı</b> Behavioral Preference of Silverleaf Whitefly ( <i>Bemisia tabaci</i> ) on

	Basil ( <i>Ocimum basilicum</i> ) Genotypes with Different Main Components of Essential Oils
<b>OOP-19</b>	<b>İçim Gökkaya, Nurdan Yazıcı*, Gökçe Seyhan, Burak Barut, Gülin Renda</b> Comparative Study of Hedera Species as a Phytopharmaceutical Resource
<b>OOP-20</b>	<b>Anis Chikhoun*, Naima Touati, Mikhail Shashkov, Thanina Amel Amrouche, Abdelghafour Chenni, Salim Sakher, Ouabda Mouhoubi, Khellaf Aliane, Samir Hadjal, Enrique Sentandreu</b> Effect of Commercial Essential Oils of Tangerine, Sweet Orange, Lemon, and Clove on Oxidative Stability and Frying of Soybean Oil
<b>OOP-21</b>	<b>Merve Badem, Tuğba Subaş*, Şeyda Kanbolat, Ufuk Özgen, Sıla Özlem Şener, Gül Yazıcı, Mevlüde İlknur Şeker</b> Isolation of the Major Secondary Metabolites and Biological Activities of the Aerial Parts of <i>Trachystemon orientalis</i>
<b>OOP-22</b>	<b>Seher Daştan*, Fadime Seyrekoğlu, Ebru Bati Ay, Tuba Yildirim</b> Production of Natural Food Colorant from Plant Extracts
<b>OOP-23</b>	<b>Elmira Ziya Motalebipour*, Akbar Pirestani</b> Morphological diversity among medicinal wild barberry ( <i>Berberis vulgaris</i> L.) fruits
<b>OOP-24</b>	<b>Muhammet Ali Gündeşli, Müjgan Güney*</b> Therapeutic Potency of <i>Pistacia terebinthus</i> : From Traditional Applications to Modern Insights
<b>OOP-25</b>	<b>Dilek Efe Arslan*, Sengul Uysal</b> The Effect of Pomegranate ( <i>Punica granatum</i> L.) Peel Extract on Osteoarthritis
<b>OOP-26</b>	<b>Sengul Uysal*, Gokhan Zengin</b> Evaluation of Antioxidant Potential of <i>Silene behen</i> L. Extracts Obtained by Two Different Extraction Methods

**\*\*Each presentation must be completed within 10 minutes.**