

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

**MESMAP - 10
PROGRAM BOOK**

April 25th – 27th, 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
	<u>OPENING CEREMONY & PROTOCOLS</u>
	Assoc. Prof. Dr. Sevgi GEZİCİ Scientific Secretary of MESMAP Symposiums
	Prof. Dr. E. Ş. Nazlı ARDA Co-Chair of MESMAP-10 Symposium
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13.00-14.30	Prof. Dr. Milind Janrao UMEKAR Chief Guest of MESMAP-10 Symposium
	Prof. Dr. Zora DAJIĆ STEVANOVIĆ President of AMAPSEEC
	Prof. Dr. Alexios-Leandros SKALTSONIS Guest of MESMAP-10
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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 “ <i>GARCINIA MANGOSTANA</i> (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 “ <i>PISTACIA LENTISCUS</i> : 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

09.00 – 09.30	Invited Lecturer: PROF. DR. UMESH K. PATIL 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"
09.30 – 10.00	Invited Lecturer: PROF. DR. ILKAY ERDOGAN ORHAN 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"
10.00 – 11.00	ORAL PRESENTATIONS
OP-1	Marina Spînu* , 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?
OP-2	Zora Dajić Stevanović* , Stefan Kolašinac, Ilinka Pećinar, Ivana Pajić-Lijaković Carotenoids: The Target Phytonutrients in Raman Spectroscopy Studies
OP-3	Flavio Polito* , Vincenzo De Feo <i>Artemisia arborescens</i> (Vaill.) L.: Macro- and Micromorphology, Composition and Biological Activities of Its Essential Oil
OP-4	Hector Romero Cantú, Riccardo Trentin, İnci Kurt-Celep, Gökhan Zengin, Paola Angelini, Giancarlo Angeles Flores, Luísa Custódio, Maria João Rodrigues* Beach to Beauty: Blending Sea Lavender and Sea Knotgrass for Enhanced Dermo-Cosmetic Solutions
OP-5	Viana Castañeda-Loaiza* , 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
11.00 – 11.30	COFFEE BREAK
11.00 – 11.30	POSTER SESSION – I (PP1 – PP45)

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

OP-6	Maja Grigorov* , Slavica Sunarić, Dragana Pavlović Thiamine Content in Extracts of Three <i>Verbascum</i> Species
OP-7	Gülbahar Özge Alim Toraman* , Nur Tan, Gülaçtı Topçu Di-, and Triterpenoids Isolation of Endemic Two Varieties of <i>Salvia sericeotomentosa</i> with Anticholinesterase Inhibitory Activity
OP-8	Kheiria Hcini* , 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
OP-9	Deepa Iyer* , 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
OP-10	Abdur Rauf, Kamala Badalova* Naringenin and Naringin Polyphenols as a Powerful Anticancer Agent
11.00 – 11.30	COFFEE BREAK
11.00 – 11.30	POSTER SESSION – I (PP1 – PP45)

SALON C / SESSION – I	
09.00 – 10.00	INVITED LECTURER (SALON A)
CHAIRS: Dr. Ana Flavia BURLEC & Prof. Dr. Nazlı BÖKE SARIKAHYA	
10.00 – 11.00	ORAL PRESENTATIONS
OP-11	Ana Flavia Burlec*, Irina Macovei, Bianca Ivănescu, Cornelia Mircea, Oana Cioancă, Monica Hăncianu, Andreia Corciovă Exploring the Potential Therapeutic Benefits of Natural Substances in Psoriasis
OP-12	Andreia Corciovă*, Ana Flavia Burlec, Irina Macovei, Adrian Fifere, Ioana-Andreea Turin Moleavin, Bianca Ivănescu, Oana Cioancă, Monica Hăncianu, Cornelia Mircea Green and Friendly Synthesis of Biogenic Silver Nanoparticles with Potential Antioxidant Properties
OP-13	Meryem Ozdemir*, Murat Dogan, Gulay Ecevit-Genc, Sevda Suzgec-Selcuk Phenolic Compounds and Cytotoxic Potential of <i>Heracleum paphlagonicum</i> Czecczott.
OP-14	Monia Bendhifi-Zarroug*, Abir Bahi, Sameh Hidouri, Samiha Kahlaoui, Sondes Stambouli-Essassi, Kheiria Hcini Antibiofilm Effect of Tunisian Cultivated Mulberry (<i>Morus alba</i> L.) Polyphenolic Compounds against Pathogenic Bacteria
OP-15	Koula Doukani*, Hasna Bouhenni, Nour el Houda Lagraa, Feriel Bouchenaf Antioxidant and Antimicrobial Activities of <i>Juglans regia</i> L. Bark
11.00 – 11.30	COFFEE BREAK
11.00 – 11.30	POSTER SESSION – I (PP1 – PP45)

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

SALON B / SESSION – II	
CHAIRS: Dr. Roja RAHIMI & Dr. Kheiria HCINI	
11.30 – 12.30	ORAL PRESENTATIONS
OP-21	Rozana Othman* , 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
OP-22	Kheiria Hcini* , 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
OP-23	Shuchi Dave* , Umesh Patil Protective Potential of <i>Annona squamosa</i> Seed Isolates in Ovarian Cancer
OP-24	Sofija Kilibarda* , 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
OP-25	Hibat Allah Annabi* , 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>)
12.30 – 13.30	LUNCH TIME

SALON C / SESSION – II	
CHAIRS: Prof. Dr. İbrahim İlker ÖZYİĞİT & Prof. Dr. Monica HANCIANU	
11.30 – 12.30	ORAL PRESENTATIONS
OP-26	Ibrahim Ertugrul Yalcin* , 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
OP-27	Aboudia Aouatif* , Leneveu-Jenvrin Charlene, Sophie, Fabienne Efficacy Assessment of Thyme Essential Oil as an Alternative Chemical Treatment to Preserve Fresh Pineapple Juice
OP-28	Fatima-ezzahra Derdar* , Hassou Mohammad, Hafida Bouamama, Samir Ibenmoussa Investigation of the Antioxidant Potential of Pistacia lentiscus Aerial Parts Extracts from Morocco
OP-29	Serife Gulden Yilmaz* Geranium (<i>Pelargonium</i> sp.) with High Essential Oil and Medicinal Aromatic Characteristic
OP-30	Rim Gatran* , 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
12.30 – 13.30	LUNCH TIME

SALON A / SESSION – V	
CHAIRS: Prof. Dr. Hashem EL-SEEDI & Prof. Dr. Maria HALABALAKI	
13.30 – 14.00	Invited Lecturer: PROF. DR. JEREMY J. JOHNSON University of Illinois Chicago, Department of Pharmacy Practice, Chicago, USA "CHARACTERIZING THE HEALTH PROMOTING PROPERTIES OF ROSEMARY (<i>SALVIA ROSMARINUS</i>)"
14.00 – 14.30	Invited Lecturer: Assoc. Prof. Dr. ALEXANDAR Ž. KOSTIĆ Faculty of Agriculture, University of Belgrade, Chair of Chemistry and Biochemistry, Institute for Food Technology and Biochemistry, Belgrade, SERBIA "BRASSICA NAPUS MONOFLORAL BEE-COLLECTED POLLEN FERMENTED WITH KOMBUCHA-HOW MINERAL COMPOSITION AND PHYTOCHEMICALS/ BIOACTIVITY ARE AFFECTED"
14.30 – 15.00	COFFEE BREAK
14.30 – 15.00	POSTER SESSION – II (PP46 – PP74)
15.00 – 16.00	ORAL PRESENTATIONS
OP-31	Burcu Karataş, Abdülsemel Ertaş, F. Sezer Şenol Deniz, Ilkay Erdogan Orhan* Elastase and Lipoxigenase Inhibitory Effects and Phytochemical Analyses on Cultivated Samples of <i>Momordica charantia</i> L. in Samsun Province (Türkiye)
OP-32	Zenon Węglarz*, Sylwia Styczyńska, Katarzyna Bączek Medicinal and Aromatic Plants in Poland
OP-33	Seyedeh Mahnaz Karimi*, Roja Rahimi, Mohammad Bayat Protective Effects of <i>Pistacia atlantica</i> Desf. Oleo-Gum-Resin on Osteoporosis in Ovariectomized Rats by Regulating OPG/RANKL/RANK System
OP-34	Maria Chalkiadaki*, Petros S. Tzimas, Dimitra Tsakirelli, Sibora Teta, John Vontas, Maria Halabalaki Assessment of Plant Extracts for Tackling Cytochrome P450-Based Insecticide Resistance in Agricultural Pests and Disease Vectors
OP-35	Petros S. Tzimas*, Stavros Beteinakis, Panayiota T. Papastylianou, Eleftherios A. Petrakis, Maria Halabalaki, Leandros A. Skaltsounis New Approaches for Comprehensive Quality Assessment of <i>Cannabis sativa</i> L. with Focus on Cannabinoids

SALON B / SESSION – III	
CHAIRS: Prof. Dr. Hafida BOUAMAMA & Dr. Stefica FINDRI GUSTEK	
13.30 – 14.30	INVITED LECTURER (SALON A)
14.30 – 15.00	COFFEE BREAK
14.30 – 15.00	POSTER SESSION – II (PP46 – PP74)
15.00 – 16.00	ORAL PRESENTATIONS
OP-36	Višnja Oreščanin, Štefica Findri Guštek*, Rosa Ferinčević, Marina Ferinčević Evaluation of the Performance and Safety of Version II Acidosalus® Suppositories Compared to Bioapifit Anti-Hemorrhoidal Ointment in the Treatment of Hemorrhoidal Disease
OP-37	Seçil Yazıcı-Tütüniş*, Gülbahar Özge Alim Toraman, Emine Akalın, Emir Tan, Ahmet Ceyhan Gören, Mahmut Miski, Gülaçtı Topçu, Nur Tan Investigation of Antimicrobial Properties and Chemical Compositions of Polar Extracts from Selected Salvia Species
OP-38	Tuğba Buse Şentürk, Nehir Kavi*, Timur Hakan Barak, Engin Celep 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
OP-39	Houssayni Siham*, Youssfi. M, Qaddoury.A, Bouamama.H Exploring the Antimicrobial Potential of <i>Lavandula dentata's</i> Essential Oil and Phenolic Extracts
OP-40	Nadia Bahammou, Hafida Bouamama*, Zefzoufi Manal, Ouafa Cherifi Antifungal, Antioxidant Activities and Chemical Characterization of Brown Algae from Morocco

SALON C / SESSION – III	
CHAIRS: Prof. Dr. Tuba GÜNEL & Prof. Dr. Agnieszka SZOPA	
13.30 – 14.30	INVITED LECTURER (SALON A)
14.30 – 15.00	COFFEE BREAK
14.30 – 15.00	POSTER SESSION – II (PP46 – PP74)
15.00 – 16.00	ORAL PRESENTATIONS
OP-41	Christina Koutra*, Panagiotis Stathopoulos, Marina Humbert, Alexios-Leandros Skaltsounis Optimization of drying methods and extraction conditions of OLS for the production of oleuropein and oleacein enriched extracts
OP-42	Chenini-Bendiab Hadjer*, Douichenne Salima, Djebli Noureddine Evaluation of the Therapeutic Properties of <i>Chicorium spinosum</i> L. on Carrageenan-Induced Inflammation in Mice
OP-43	Fatima-ezzahra Dardar*, Hafida Bouamama, Samir Ibenmoussa Biological Activities of <i>Pistacia lentiscus</i> Edible Oil from Ourika Region (Morocco)
OP-44	Fatima Zohra Taleb, Maroua Ait Tastift, Zineb Omari, Ba-M'hamed Saadia, Chemseddoha Gadhi* Impact of a 28-Day Administration of Moroccan <i>Rosa damascena</i> Flowers Extract on Blood Biochemical Parameters, Tissue Histology, and Rodent Cognition"
OP-45	Gizem Emre*, İsmail Şenkardeş, Kaan İşcan, Osman Tugay Ethnobiological Investigations in Kırşehir (Türkiye)

SALON A / SESSION – VI	
CHAIRS: Assoc. Prof. Dr. Esra EROĞLU ÖZKAN & Dr. Roodabeh BAHRAMSOLTANI	
16.15 – 17.45	ORAL PRESENTATIONS
OP-46	Noureddine Djebli*, Nadjet Mostefa Evaluation of the neuropharmacological properties on Alzheimer's disease and the inhibitory action on the acetylcholinesterase activity of <i>Passiflora edulis</i>
OP-47	Sengul Uysal*, Gokhan Zengin Evaluation of Antioxidant Potential of <i>Silene behen</i> L. Extracts Obtained by Two Different Extraction Methods
OP-48	Omerul Faruk Tavli, Mehmet Boga, Orcun Cinar, Esra Eroglu Ozkan* Comparison of Chemical Composition and Biological Activity of Hypericum Perforatum Macerates Prepared with Avocado, Hemp, Coconut, and Olive Oils
OP-49	Beyzanur Bostancı*, Şebnem Dönmez, Emine Akalın, Ali Yağız Üresin Botanical Marvels of the Mediterranean: Unraveling Salvinorin A and Its Neurobiological Mechanisms
OP-50	Roodabeh Bahramsoltani* Medicinal Plants for the Management of Inflammatory Bowel Disease in Traditional Persian Medicine
OP-51	Fatma Memnune Eruçar*, Gülsüm Altıparmak Ülbegi, Sarath PD Senadeera, Pınar Aksoy Sağırlı, John A Beutler, Mahmut Miski Comparing the Chemical Composition and Cytotoxic Activity Profiles of New Ferula Plants from Merwia Section Growing Native in Türkiye
OP-52	Melek Karaaslan* 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 &	
16.15 – 17.45	ORAL PRESENTATIONS
OP-53	Shaden A.M. Khalifa* The Bee Products and The Broad-Spectrum Activities
OP-54	Sevgi Gezici*, Nazim Sekeroglu Investigating of the Pharmacological Potential of Sage (<i>Salvia</i> spp.) Essential Oils: Antiproliferative and Cholinesterase Inhibitory Activities
OP-55	Selen İlgün*, Gökçe Şeker Karatoprak, Mehmet Çadır, Zekiye Kocakaya, Mustafa Kocakaya Evaluation of Cytotoxic and Anti-Inflammatory Activities of some <i>Xanthoparmelia</i> (Vain) Hale Species Distributed in Turkey
OP-56	Nadia Fekih*, Hocine Allali, Batoul Benyelles, Mohamed Touaibia, Alain Musell GC-MS Analysis of <i>Tropaeolum majus</i> L. (Garden Nasturtium) Volatile Components and Their Biological Activities
OP-57	Çiğdem Bilgi* Zebrafish as a Powerful Tool in Pharmacognosy
OP-58	Amel Boudjelal*, Zineb Bouafia, Souheila Bouchahdane, Ilyas Yıldız, Tefvik Ozen, Ibrahim Demirtas Arisarum vulgare: Bridging Tradition and Science Through Phytochemical Characterization and Exploring Therapeutic Potential via In Vitro and In Vivo Biological Activities
OP-59	Amira Khedidja*, Djeghader Nour El-Houda, Msaadi Rayane, Gueddah Selma, Gacem Habiba 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	Hanen Najjaa*, Hajer Tili, Anissa Abbassi, Abdelkarim Ben Arfa, Mokded Rabhi, Mohamed Neffat Assessment of Allelopathic Potential of a Spontaneous Plant on Various Oasis Weeds
OP-61	Hanen Falleh*, Rim Ben Mansour, Nahla Mejri, Manel Nasr, Mariem Ben Jemaa, Neji Tarchoun, Riadh Ksouri Development of a Nutritious Beverage Utilizing Pumpkin By- Products
OP-62	Meryem Bozkurt*, Tuna Uysal, Kuddisi Ertuğrul Karyological Analysis of Some <i>Centaurea</i> Taxa
OP-63	Ela Nur Şimşek Sezer*, Kuddisi Ertuğrul, Tuna Uysal Cytotoxic Potential of <i>Dorycnium sanguineum</i> Extracts
OP-64	Selin Tufan*, Nur Tanır, Nur Tan Determination of Hederacoside C and α -Hederin Content of Various <i>Hedera helix</i> L. Extracts
OP-65	Leila Gadouche*, Khayra Zerrouki, Azdinia Zidane, Sarra Metlef, Khawla Bouzemarene, Fouzia Tahrat Ethnobotanical Survey of Medicinal Plants Used in Treatment of Female Infertility in Ain Defla and Chlef, Algeria
OP-66	Khedim Thinhinan*, Trabsi Smain Comparative Morpho-Anatomical Characterization of Some Medicinal and Aromatic Lamiaceae Species from Algeria

26 APRIL 2024, FRIDAY NIGHT

**SYMPOSIUM WELCOME DINNER
ON THE BOAT**

(from 18.30 to 22.00)

27 APRIL 2024, SATURDAY

SALON A / SESSION – VII

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

09.30 – 10.30	ORAL PRESENTATIONS
OP-67	Şandru Carmen Dana* , 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
OP-68	Vişnja Oreščanin, Štefica Findri Guštek* , Rosa Ferinčević, Marina Ferinčević Safety and Efficacy of Version II Acidosalus® Pessaries Compared with Bioapigyn® Pessaries for the Relief of Bacterial Vaginosis Symptoms
OP-69	Oana Cioanca, Robu Silvia, Ana Flavia Burlec, Mihaela Corlade-Andrei, Diana Cimpoesu, Cornelia Mircea, Monica Hancianu* Phytoforensics as a Tool for Finding Adulterants and Contaminant in Food Supplements, Plant Extracts and Biologic Samples
OP-70	Cornelia Mircea* , Cristina Iancu, Emanuela (Pohrib) Nani, Andreia Corciovă, Monica Hancianu, Cătălina Stan The Assessment of Enzyme Inhibition Effects of Morin and its Beta-Cycodextrin Complex
OP-71	Hibat Allah Annabi* , 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
10.30 – 11.00	COFFEE BREAK

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

SALON C / SESSION – V	
CHAIRS: Dr. Niussha ESMAEALZADEH & Dr. Zehra AYTAÇ	
09.30 – 10.30	ORAL PRESENTATIONS
OP-77	Niussha Esmaealzadeh*, Amirhossein Abdolghaffari, Maryam Baeri, Roodabeh Bahramsoltan Understanding the Role of Nitric Oxide and Opioid Systems in Therapeutic Effects of Persian Bistort on the Rat Model of Acetic Acid-Induced Colitis
OP-78	Bahar Tuba Findik*, Hilal Yildiz, Esmâ Birisci 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
OP-79	Zehra Aytaç*, Ahmet Gümüşçü Effect of Different Organic Fertilizers and Harvest Times on the Essential Oil Composition of Sweet Basil (<i>Ocimum basilicum</i> L.)
OP-80	Additiya Paramanya, Ahmad Ali* Utilizing Response Surface Methodology to Improve Consistency in Phycocyanin Extraction
OP-81	Youssfi.M*, Houssayni.S, Qaddoury.A, Bouamama.H Biological Activities of <i>Thymus satureioides</i> and <i>Thymus pallidus</i> Essential Oils
10.30 – 11.00	COFFEE BREAK

SALON A / SESSION – VIII	
CHAIRS: Dr. Harikesh Bahadur SINGH & Dr. Shaden A.M. KHALIFA	
11.00 – 11.30	Invited Lecturer: PROF. DR. ALİ 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 <i>Fumaria officinalis</i> 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 (<i>Portulaca oleracea</i> L.) Accessions
12.30 – 13.30	LUNCH BREAK

SALON B / SESSION – VI	
CHAIRS: Dr. Ivica BLAZEVIĆ & 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	Dilek Efe Arslan*, Sengul Uysal The Effect of Pomegranate (<i>Punica granatum</i> L.) Peel Extract on Osteoarthritis
OP-90	Nazim Sekeroglu*, Sevgi Gezici Sustainable Raw Material for Pharmaceutical, Cosmeceutical and Food Industries: Black Cumin Oil Residue
OP-91	Imtinene Hamdeni*, Abdennacer Boulila, Samia Gargouri, Lamia Hamrouni Evaluation of Antifungal Activities of Tunisian Forest Resources
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)
11.30 – 12.30	ORAL PRESENTATIONS
OP-92	Ranabir Sahu* , Priya Das Preparation of Green Synthesis of Silver Nanoparticles Using <i>Duabanga grandiflora</i> 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 <i>Escherichia coli</i>
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	Salima Douichene* , Nouredine Djebli Gastroprotective Effect of <i>Juniperus phoenicia</i> Extract on the Ulcer Induced by NSAIDs
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 (<i>Ulva rigida</i> and <i>Fucus spiralis</i>) on the Antioxidant and Antimicrobial Activities of <i>Lavandula dentata</i> "
OP-100	
OP-101	
15.00 – 16.00	CLOSING CEREMONY

MESMAP – 10

POSTER PROGRAM

PP-1	Viana Castañeda-Loaiza, Maria João Rodrigues, Luísa Custódio* Effect of the Cultivation System of <i>Sarcocornia perennis</i> on Its Nutritional Properties
PP-2	Sara Motyka, Eliza Blicharska, Małgorzata Tatarczak-Michalewska, Grzegorz Wójcik, Agnieszka Szopa* Ability of <i>Salvia hispanica</i> (Chia) <i>in vitro</i> Cultures to Bioaccumulate Health-Promoting Metal Ions
PP-3	Alexios – Leandros Skaltsounis*, Georgia Sarikaki, Panagiota Papakotsi, Ioannis D. Kyriazis, Demetrios Kouretas, Dimitrios Iliopoulos, Ioannis K. Kostakis Discovery and Characterization of GS27, a Novel ATP Citrate Lyase Inhibitor Showing In Vivo Activity
PP-4	Ayşe Nalbantsoy, Nazlı Böke Sarıkahya* Immunomodulator Activity Potentials of Adjuvant Candidate Saponins Isolated from <i>Cephalaria</i> Species
PP-5	Chonticha Romyasamit*, Gridthin Ungrattanacha Antioxidant, Antibacterial, and Antibiofilm Activities of Aqueous Crude <i>Gymnema inodorum</i> Leaf Extract against Vancomycin-Resistant <i>Enterococcus faecium</i>
PP-6	Esmâ Sultan Baykara, Esmanur Bolat, Betül Alkan, Esmâ Yeniçeri, Çiğdem Bilgi* Exploring the Anticancer Potentials of <i>Lavandula angustifolia</i> Miller and <i>Lavandula x intermedia</i> Emeric ex Loisel
PP-7	Emir Kahraman*, Meryem Ozdemir, Sevda Suzgeç-Selcuk Examinations on the Drug <i>Melissae folium</i>
PP-8	Elif Diler*, Fatma Memnune Eruçar, Selin Tufan, Nur Tan Investigation on the Traditional Extraction Method of Black Radish (<i>Raphanus sativus</i> var. <i>niger</i>): Chemical Content and Antioxidant Activity Screening
PP-9	Ebru Kuruldak*, Aynur Sari Ethnobotany of <i>Taraxacum</i> sp. in Türkiye and Pharmacopoeia Analysis of <i>Taraxacum hellenicum</i> Dahlst. and <i>Taraxacum aleppicum</i> Dahlst.

PP-10	Fatma Göç*, Gülbahar Özge Alim Toraman, Rabia Sare Yanıkoğlu, Firdevs Demirel, Betül Uluocak, Hayrullah Pakkan, Kerem Başoğlu, Bedrettin Selvi, Gülaçtı Topçu <i>Onosma ambigens lacaita</i> : Evaluation of Cholinesterase Inhibitory Activity
PP-11	Firdevs Demirel*, Gülbahar Özge Alim Toraman, Ali Asram Sağıroğlu, Nur Tan, Ayşenur Günaydın Akyıldız, Gülaçtı Topçu Polar Extracts Preparation of <i>Platanus orientalis</i> and Determination of Their Phytochemical Content by LC-HRMS Analysis
PP-12	Furkan Çakır*, Halil Şenol, Nuray Ulusoy-Güzeldemirci Virtual Screening of Galantamine Derivatives as Novel Acetylcholinesterase Inhibitors
PP-13	Gülce Gucur*, Gaye Sümer Okkalı, Nazlı Böke Sarıkahya Isolation and Purification of Vaccine Adjuvant Candidate Saponins from <i>C. scoparia</i>
PP-14	Gülbahar Özge Alim Toraman*, Nur Tan, Gizem Gülsoy Toplan, Günay Sarıyer, Ayca Yıldız Peköz, Çağlayan Gürer LC-HRMS Analyses of <i>Salvia veneris hedge</i> Root Extracts with Anti-Alzheimer Activity
PP-15	Kadriye Arslan, Gizem Emre* Evaluation of Ethnobotanical Characteristics of <i>Urtica</i> Genus
PP-16	Gaye Sümer Okkalı*, Gülce Gucur, Nazlı Böke Sarıkahya Isolation, Purification and Structural Determination of Immunomodulator Active Saponins from <i>C. elmaliensis</i>
PP-17	Emanuela (Pohrib) Nani, Cristina Iancu, Andreia Corciovă, Monica Hăncianu, Oana Cioancă, Cătălina Stan, Flavia Burlec, Cornelia Mircea* The Evaluation of Antioxidant Effects of Chrysin and Its Beta-Cyclodextrin Complex
PP-18	Issoughaine Assia, Qaddoury Ahmed, Bouamama Hafida* Effect of Mycorrhizal Fungi on the Chemical Profile of <i>Mentha suaveolens</i> Ehrh. subsp. <i>timija</i> from Morocco
PP-19	Anca Toiu, Iliora Oniga, Ana-Maria Vlase, Alina Elena Pârnu, Laurian Vlase* Exploring the Cardioprotective Effects of <i>Melilotus officinalis</i> and <i>Melilotus albus</i> Extracts: Insights into Traditional Romanian Herbal Medicine

PP-20	Irina Macovei*, Ana Flavia Burlec, Cornelia Mircea, Anca Miron, Oana Cioancă, Monica Hăncianu, Andreia Corciovă <i>Geum urbanum</i> L. Rhizome Extracts Derived Noble Metal Nanoparticles: Synthesis, Characterization and Antioxidant Potential
PP-21	Ioannis K. Kostakis*, Panagiota Stamou, Despoina D Gianniou, Ioannis P. Trougakos, Maria Halabalaki, Leandros A. Skaltsounis Isolation and Semi-Synthetic Derivatives of Chios Mastic Gum Triterpenic Acids and Evaluation of Their Anti-inflammatory Activity
PP-22	Nateelak Koolheat*, Chonnawee Chamnanvaschakit Phytochemical Compositions, Antioxidant Activities, and Anti-inflammatory Activities of <i>Artemisia lactiflora</i> Extract
PP-23	Monia Bendhifi-Zarroug*, Kheiria Hcini, Hayet Saoudi, Abdallah Fraj, Samiha Kahlaoui, Sondes Stambouli-Essassi Variation in Total Phenolic Content and Antioxidant Activity of <i>Opuntia ficus-indica</i> L. Seeds Extract of Tunisian Cultivars
PP-24	Mokhtari Zineb*, Boukhatem Mohamed Nadjib, Benelmouffok Amina Bouchra In Vitro Evaluation of the Antifungal Effect of the Essential Oil of <i>Origanum compactum</i>
PP-25	Youssfi.M*, Houssayni.S, Qaddoury.A, Bouamama.H Antioxidant and Antibacterial Activities of Two Moroccan Thyme Species Methanolic Extracts
PP-26	Mena Nihad Akbar Akbar*, Sevda Süzgec Selcuk Aromatherapy in Dermatology
PP-27	Panagiota Stamou*, Christina Koutra, Maria Xenaki, Iro Kokkinou, Panagiotis Stathopoulos, Alexios-Leandros Skaltsounis 2-Methyloxolane (2-MEOX), a Bio-based Solvent for the Extraction of Natural Products and Food Ingredients
PP-28	Olga Karoutzou*, Eleftherios Kalpountzakis, Despina Smirlis, Leandros Skaltsounis <i>Artemisia umbelliformis</i> subsp. <i>eriantha</i> Phytochemistry and Antileishmanial Activity
PP-29	Nur Tanır Özkanlı*, Muhammed Salih Yüksek, Fadıl Kaan Kuran, Nur Tan Determination of Trans-Resveratrol Content in Industrial Waste of Grape Pomace and Harvested <i>Vitis labrusca</i> cv. <i>Isabella</i> Grapes

PP-30	Nina Djapic* Enchanting Fragrances of Marcescent Leaves
PP-31	Panagiotis Marakos*, Maria Georgiou, Nikolaos Sakalis, Nikolaos Lougiakis, Nicole Pouli, Eleni Mavrogonatou, Harris Pratsinis, Dimitris Kletsas Biological Activity of New Purine Isosters with Structural Analogy to Natural Compounds
PP-32	Nicole Pouli*, Panagiota Lampiri, Athanasios Pousias, Panagiotis Marakos, Nikolaos Lougiakis, Eleni Mavrogonatou, Harris Pratsinis, Dimitris Kletsas Antiproliferative Activity Evaluation of New Natural Product Inspired Purine Analogues
PP-33	Houssayni.S*, Youssfi. M, Qaddoury.A, Bouamama.H Antioxidant Activity of <i>Lavandula dentata</i> 's Essential Oil Using FRAP, TAC, and DPPH Assays
PP-34	Wetpisit Chanmol*, Panupong Yaya Antileishmanial Activity and In Silico Molecular Docking Studies of Zingiber cassumunar Roxb. Extract against Leishmania chagasi
PP-35	Wijdane Moukhlis, Anass Kettani, Samira Serghat* 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
PP-36	Amel Rehaïem*, Moufida A. Al Oueslati, Ilhem Boutiba Ben Boubaker Antibacterial Potential of <i>Olea europea</i> Leaves Extract Targeting Multidrug Resistant ESKAPEE Human Pathogens
PP-37	Katarzyna Pokajewicz, Ibtissem Ben Hammouda, Radowski Balwierz, Anna Kurek, Piotr P. Wiczorek* A GC-MS Study of the Volatilome of Propolis from Various Origins
PP-38	Zerrouki Dehbia*, Darrab Djillali, Doukani Koula Optimization of the Extraction of Phenolic Compounds from <i>Erica arborea</i> L. Grown in Western Algeria
PP-39	Zehra Ezel Dolap*, Fatma Memnune Eruçar, Büşra Ayten Kızılay, Seçil Yazıcı-Tütüniş, Gökalg İçsan, Betül Demirci, Nur Tan Chemical Profile and Antimicrobial Activity of Essential Oil of <i>Citrus sinensis</i> Kompost Products

PP-40	Beyzanur Ongün, Duygu Dişci, Shalaleh Hasan Niari Niar*, Beyza Nur Yılmaz, Turgut Taşkın, Ömer Kılıç, Elif Çalışkan Salihi, Oya Kerimoğlu, Hatice Kübra Elçioğlu Investigation of Biological Activities of <i>Onosma alboroseum</i> subsp. <i>alboroseum</i> var. <i>alboroseum</i> and Preparation of Extract Loaded Nanoparticles
PP-41	Aikaterina L. Stefi, Evangelos Kalampokis*, Iliana Katsiadrami, Georgia C. Ntroumpogianni, Theodora Nikou, Nikolaos S. Christodoulakis, Maria Halabalaki Exploring the Impact of Temperature Stress on Carob Tree, <i>Ceratonia siliqua</i> ; Ecoanatomical Study, Secondary Metabolite Analysis and Antimicrobial Activity
PP-42	Tuğçe Yüksel*, Fatma Memnune Eruçar, Selin Tufan, Nur Tan Curcuminoid Quantification and Antioxidant Properties of the Extracts from Turmeric (<i>Curcuma longa</i>) Plants Grown in Türkiye
PP-43	Tahar Smaili*, Hamdi Bendif, Khellaf Rebbas, Guido Flamini Composition of the Volatile Oil of Algerian <i>Elaeoselinum fontanesii</i> and Their Phytotoxic Activity
PP-44	Sueda Nur Demir*, Betül Akbaş, Beyza Nur Yılmaz, Aslı Gül Acar, Zeki Severoğlu, Turgut Taşkın, Hatice Kübra Elçioğlu The Biological Activities of <i>Echium plantagineum</i>
PP-45	Ana-Maria Vlase*, Anca Toiu, Dana Muntean, Tibor Casian, Laurian Vlase, Adriana Filip, Ioana Bâldea, Nicoleta Decea, Remus Moldovan, Gianina Crişan Investigation of the Anti-Inflammatory Efficacy of the Optimized <i>Epilobium dodonaei</i> Extract in Carrageenan-Induced Paw Inflammation in Wistar Rats
PP-46	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 Clinical Aromatherapy: What Is the Role of Natural Products in the Management of Chemotherapy-Induced Adverse Effects?"
PP-47	Fatma Göç*, Gülbahar Özge Alim Toraman, Çağla Kızırlarlan Hançer, Gülaçtı Topçu Cholinesterase Inhibitory Activities of <i>Veronica chamaedrys</i> L.

PP-48	Sutthichai Thaokhamwong, Viva Jitcheun, Surachai Techaoei, Warachate Khobjai, Suriyan Sukati* Fibrinolytic and Thrombolytic Potential of Indigenous Vegetables from Southern Thailand
PP-49	Khedim Thinhinan*, Addar Adeldkader, Belkhous Arezki, Bouherama Amina, Djouadi Sam Biodiversity of <i>Genus ophrys</i> L. (Orchidaceae) in Algeria Evidenced by Morphometric and Ecological Data
PP-50	Azra Đulović, Vedrana Čikeš Čulić, Franko Burčul, Ivica Blažević* <i>Anastatica hierochuntica</i> and <i>Selaginella lepidophylla</i> : Chemistry and Antiproliferative Activity of True and False 'Rose of Jericho' Resurrection Plants
PP-51	Viana Castañeda-Loaiza*, Maria João Rodrigues, Zoltán Cziáky, Narcisa M. Bandarra, Luísa Custódio Nutritional and Antinutritional Profiles, Volatiles and Phenolic Composition of <i>Atriplex halimus</i> L. Seeds
PP-52	Saida Hanane Zitouni-Nourine*, Francoise Couic-Marinier, Souad Bahim, Nassima El Yebdri, Nesrine Bouchiba, Fatima Zohra Nadjat Mekaouche, Habiba Fetati, Fatima Boudia, Tifani Djahida, Houari Toumi Evaluating the Inhalation of Black Pepper Plus Lavender Essential Oils as a Promising Approach to Suppress Nicotine Cravings
PP-53	Olivera Politeo, Franko Burčul, Ivica Blažević*, Azra Đulović, Ivana Generalić Mekinić Variation in Chemical Composition of Essential Oils from Sea Fennel (<i>Crithmum maritimum</i> L.) Collected Along Different Locations of the Adriatic Coast
PP-54	Suriyan Sukati*, Chaiwat Rerkswattavorn, Wandee Chanprasertpinyo, Manit Nuinoon, Rangsan Butcha, Phayong Thepaksorn, Katanchalee Thabsri, Suwannee Sroisong, Pussadee Srathong Assessment of Safety for Kerra Formula Capsules Through Oral Administration in Healthy Volunteers: Phase I Clinical Trial
PP-55	Rabia Eda Şahin*, Ömer Kılıç, Turgut Taşkın Investigation of Antioxidant Activities of Different Extracts from Endemic Species: <i>Onosma bornmuelleri</i> Hausskn.

PP-56	Rafya Meriem, Zehhar Naima*, Hafidi Abdellatif, Benkhalti Fatiha Synthesis, Characterization and Antioxidant Evaluation of Nanoemulsions Derived from <i>Rosmarinus officinalis</i> , <i>Salvia officinalis</i> , and <i>Thymus satureioides</i> Oils
PP-57	Şebnem Dönmez*, Beyzanur Bostancı, Emine Akalın, Ali Yağız Üresin Exploring the Therapeutic Potential of Crataegus: Traditional Uses, Pharmacological Properties, and Clinical Perspectives in Cardiovascular Health
PP-58	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 Özsvacı, Levent Kabasakal, Erkan Rayaman, Ayfer Beceren, Ahmet Doğan, Elif Çalışkan Salihi, Oya Kerimoğlu, Hatice Kübra Elçioğlu Inhibition of α -Glucosidase and Antioxidant Activity of <i>Thymus longicaulis</i> Subsp. <i>chaubardii</i>
PP-59	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 Özsvacı, Levent Kabasakal, Erkan Rayaman, Ayfer Beceren, Ahmet Doğan, Elif Çalışkan Salihi, Oya Kerimoğlu, Hatice Kübra Elçioğlu Antioxidant and Anti-Urease Activities of <i>Origanum majorana</i> L.
PP-60	Christos Nastos, Maria Xenaki, Alexandra Svoraki, Dimitris Michailidis, Petros Tzimas*, Panagiotis Stathopoulos, Emmanuel Hatzakis, Leandros Skaltsounis, Maria Halabalaki Adding Value on Pomegranate Fruit Processing
PP-61	Panagiotis Stathopoulos*, Christina Koutra, Alexandra Svoraki, Alexios-Leandros Skaltsounis A Novel Bio-Functional Food Product, Enriched with HT Extracts from Olive Leaves
PP-62	Fatma Betül Saki*, Ömer Kılıç, Turgut Taşkın Investigation of Antioxidant Activities of Different Extracts from Endemic Species: <i>Galium dumosum</i> Boiss.
PP-63	Mouaz Salima, Doukani Koula*, Bouhenni Hasna Phytochemical Profile of Methanolic Extracts of <i>Marrubium vulgare</i> from Different Biotopes of the Region of Tiaret- Algeria

PP-64	Maria Xenaki, Christos Nastos, Alexandra Svoraki, Dimitris Michailidis, Christodoulos Anagnostou*, Panagiotis Stathopoulos, Emmanuel Hatzakis, Leandros Skaltsounis Valorization of Grape Pomace: A Minimum Waste Approach
PP-65	C. Anagnostou*, G. Papazoglou, J. Drljača-Lero, M. Milanovic, E. Hatzakis, S. Mitakoua, E. Kalpoutzakis, N. Milić, M. Halabalaki Targeted Investigation on Pyrrolizidine Alkaloids of Greek Boraginaceae Species
PP-66	Christina Koutra*, Vasileios Siderakis, Panagiotis Stathopoulos, Alexios-Leandros Skaltsounis An Advanced Methodology for Obtaining Maslinic Acid and Oleanolic Acid from Olive Pomace
PP-67	Deniz Talebzadeh*, Gökçe Ercan, Burak Dilemek, Fatma Elif Çepni Yüzbaşıoğlu Antioxidant Activities of <i>Bituminaria Bituminosa</i> Callus Cultures Produced under Different Conditions
PP-68	Keltoum Benaissa* Ethnobotanical Survey on Condiment Plants Used During Ramadan in Biskra (Southern East of Algeria)
PP-69	Oana Cioanca*, Ionut Iulian Lungu, Mihaela Magdalena Flutur, Alina Stefanache, Cornelia Mircea, Cristina Tuchilus, Gabriela Tataringa, Monica Hancianu Comparative Study: Identifying the Pharmacological Potential of Catechin Complexes With Plurivalent Metal Ions
PP-70	Viana Castañeda-Loaiza, Maria João Rodrigues*, Luísa Custódio Nutritional and Anti-Nutritional Dynamics of Arthrocaulon macrostachyum Cultivated Under Different Salinities
PP-71	Merve Has*, Mine Kurkcuoglu, Fatma Pinar Turkmenoglu Volatile Compounds of Some <i>Hypericum</i> L. Species Growing in Turkiye
PP-72	Merve Has*, Fatma Pinar Turkmenoglu Anatomical and Ultrastructural Investigation on <i>Hypericum alacamdaglariense</i> H. Duman & Çakir, A Recently Described Endemic in Turkiye
PP-73	Fatma Pinar Turkmenoglu*, Derya Osmaniye, Begum Nurpelin Saglik Ozkan Bioactivity Studies on <i>Limonium lilacinum</i> (Boiss. & Bal.) Wagenitz Var. <i>Laxiflorum</i> Dogan & Akaydin

PP-74	Maroua Ait tastift, Zineb Omari, Chemseddoha Gadhi* 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
OPP-75	Martyna Muskala*, Tomasz Kowalczyk, Karol Górski, Przemysław Sitarek <i>Plectranthus venter</i> Van Jaarsv. & Hankey - The Future of Plant Biotechnology?
OPP-76	İrem Dilay Turan, Tuğba Günbatan* 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	
09.00 –09.30	Invited Lecturer: PROF. DR. RAMAN DANG Principal Krupanidhi College of Pharmacy, Bengaluru, INDIA "THE TRENDS AND NEED OF MICROPROPAGATION"
09.30 –10.00	Invited Lecturer: PROF. DR. OTILIA BOBIS 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"
10.00 –10.30	Invited Lecturer: PROF. DR. ALBAN IBRALIU 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	
OOP-1	Malek Al Faraj*, Merve Badem, Şeyda Kanbolat, Nevin Ulaş Çolak, Tuğba Subaş, Ufuk Özgen, Rezzan Aliyazıcıoğlu Investigation of the Content and Pancreatic Lipase Inhibitory Effect of Extracts Obtained from Isabella Grape Waste Through Experimental Design
OOP-2	Lucia Caputo*, Amira Ayed, Flavio Polito, Ismail Amri, Lamia Hamrouni, Yassine Mabrouk, Vincenzo De Feo Essential Oils of Tunisian <i>Tetraclinis articulata</i> (Vahl) Mast.: Chemical Compositions and Biological Insights
OOP-3	Gülsüm Yıldız*, Zilan Kızıldaş Therapeutic Potential and Chemical Composition of <i>Tanacetum polycephalum</i> Subsp. <i>argyrophyllum</i>
OOP-4	Kuntal Das* <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
OOP-5	Emrah Şirin* Morphological Features of the Section Mesocentron (Asteraceae) of Genus Centaurea in Türkiye
OOP-6	Aybike Yektaoğlu*, Açelya Mavideniz, Hayrettin Ozan Gulcan Fluorescent Characteristics and Metal Ion Binding Properties of 1,3-Dihydroxy Substituted Urolithin Derivative
OOP-7	Sema Nur Günenç*, Sevgi Gezici, Hasene Keskin Çavdar Extraction of Various Mulberry Fruits by Novel Methods and Determination of Bioactive Components and Biological Activities of the Extracts
OOP-8	Bihter Erdoğan, Feyza Alyu Altınok*, Rana Arslan, Nurcan Bektaş An Investigation on Possible Analgesic Effects of Avenanthramide-C

11.50-13.10	CHAIRS: Prof. Dr. Özgür ÇAKIR & Dr. Elif ÇEPNİ YÜZBAŞIOĞLU
OOP-9	Murat Tuncurk*, Rüveyde Tuncurk Investigation of Antioxidant Activity, Total Phenolic and Flavonoid Substance Amounts of <i>Filipendula ulmaria</i> (L.)
OOP-10	Rüveyde Tuncurk*, Murat Tuncurk Investigation of Antioxidant Activity, Total Phenolic and Flavonoid Substance Amounts and Dualex Values of Burdock (<i>Arctium lappa</i> L.) Plant
OOP-11	Seçil Eker*, Muhammed Akif Açıkğöz The Effect of Temperature on the Essential Oil Composition of <i>Laurus nobilis</i> L.
OOP-12	Mahmut Camlica*, Gulsum Yaldiz, Berkay Hakki Kantar Alleviation of Salt Stress Condition of the Selenium Applications on Morphology and Yield Properties of Oregano
OOP-13	Gulsum Yaldiz*, Mahmut Camlica Effect of Growing Conditions on Emulsion Capacity, Emulsion Stability, and Protein Contents of Different Fenugreek Genotypes
OOP-14	Özlem Ete Aydemir*, Faruk Özkutlu, Nazım Şekeroglu Examination of Toxic Metals (Co, Cr, Mo, Ni, Pb) in Some Commonly Used Spices
OOP-15	Gamze Tan* Eco-Friendly Synthesis of Silver Nanoparticles Using <i>Cydonia oblonga</i> Leaf Extract and Their Antioxidant Activity
OOP-16	Faruk Özkutlu*, Özlem Ete Aydemir, Nazım Şekeroglu Determination of Chromium (Cr), Nickel (Ni), and Lead (Pb) in Medicinal Plants Widely Grown and Used in the Southern Region of Turkey
13.10-13.40	LUNCH BREAK

13.40-15.00	CHAIRS: Assoc. Prof. Dr. Murat PEKMEZ & Dr. Elif MERTOĞLU KAMALI
OOP-17	Ebru Bati Ay*, Muhammed Akif Acikgoz Effect of Harvest Times on Essential Oil Components and Antimicrobial Activity in Plant Organs of <i>Ferula lycia</i> Boiss.
OOP-18	Muzaffer Barut*, Çağlar Kalkan, Serdar Satar, Leyla Sezen Tansı Behavioral Preference of Silverleaf Whitefly (<i>Bemisia tabaci</i>) on Basil (<i>Ocimum basilicum</i>) Genotypes with Different Main Components of Essential Oils
OOP-19	İçim Gökkaya, Nurdan Yazıcı*, Gökçe Seyhan, Burak Barut, Gülin Renda Comparative Study of Hedera Species as a Phytopharmaceutical Resource
OOP-20	Anis Chikhoun*, Naima Touati, Mikhail Shashkov, Thanina Amel Amrouche, Abdelghafour Chenni, Salim Sakher, Ouabda Mouhoubi, Khellaf Aliane, Samir Hadjal, Enrique Sentandreu Effect of Commercial Essential Oils of Tangerine, Sweet Orange, Lemon, and Clove on Oxidative Stability and Frying of Soybean Oil
OOP-21	Merve Badem, Tuğba Subaş*, Şeyda Kanbolat, Ufuk Özgen, Sıla Özlem Şener, Gül Yazıcı, Mevlüde İlknur Şeker Isolation of the Major Secondary Metabolites and Biological Activities of the Aerial Parts of <i>Trachystemon orientalis</i>
OOP-22	Seher Daştan*, Fadime Seyrekoğlu, Ebru Bati Ay, Tuba Yildirim Production of Natural Food Colorant from Plant Extracts
OOP-23	Muhammet Ali Gündeşli, Müjgan Güney* Therapeutic Potency of <i>Pistacia terebinthus</i> : From Traditional Applications to Modern Insights
OOP-24	Elmira Ziya Motalebipour*, Akbar Pirestani Morphological diversity among medicinal wild barberry (<i>Berberis vulgaris</i> L.) fruits

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