

PROGRAM BOOK



6MES MAP

The Sixth International Mediterranean
Symposium on Medicinal and Aromatic Plants
October 15-17, 2020 / Izmir - TURKEY



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**The Sixth International Mediterranean Symposium on
Medicinal and Aromatic Plants**

**MESMAP - 6
PROGRAM BOOK**

October 15th – 17th, 2020

Izmir-Turkey

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MESMAP – 6
ORAL PROGRAM

15 OCTOBER 2020, THURSDAY

IST, TURKEY
TIME ZONE
09.00 – 09.20

Opening Ceremony: Prof. Dr. Nazım ŞEKEROĞLU
Chair of MESMAP International Symposiums

SALON A / SESSION – I

CHAIRS: Jianbo Xiao & Mutlu Aytemir

09.20 – 09.40

Invited Lecturer: Prof. Dr. Yusuf BARAN
Department of Molecular Biology and Genetics, Faculty of Science and Literature, Izmir Enstitute of Technology – TURKEY
Title: "Mechanisms of Multidrug Resistance and Its Reversal in Hematological Malignancies"

09.40 – 10.00

Invited Lecturer: Prof. Dr. Randolph RJ ARROO
Leicester School of Pharmacy, De Montfort University, The Gateway, Leicester LE1 9BH – UK
Title: "Absorption, Distribution, Metabolism and Excretion (ADME) of Dietary Flavones and Their Glycosides"

10.00 – 10.20	<p>Invited Lecturer: Prof. Dr. Takashi WATANABE Graduate School of Pharmaceutical Sciences, Department of Medicinal Botany, Kumamoto University – JAPAN</p> <p>Title: " An Integrated GIS Study of Medicinal Barley from Turkey and Himalaya with Phytochemical Evaluation to Control Intestinal Flora of Human"</p>
10.20 – 10.40	<p>Invited Lecturer: Assoc. Prof. Dr. Yaowared CHULIKHIT Department of Pharmaceutical Chemistry, University of Khon Kaen – THAILAND</p> <p>Title: "Miroestrol Attenuates Ovariectomy-Induced Cognitive Impairment and Brain Tissue Oxidation"</p>
10.40 – 11.00	<p>Invited Lecturer: Prof. Dr. Alban IBRALIU Department of Agronomic Sciences, Faculty of Agriculture and Environment Agricultural University of Tirana, Tirana – ALBANIA</p> <p>Title: "Medicinal and Aromatic Plants (MAPs) Diversity in Albania – Challenges for the Future"</p>
11.00 – 11.20	COFFEE BREAK

SALON A / SESSION – II**CHAIRS: Takashi Watanabe & Nazim Sekeroglu**

11.20 – 11.40	Invited Lecturer: Prof. Dr. Jianbo XIAO Institute of Chinese Medical Sciences, University of Macau, Macau – CHINA Title: "Stability of Quercetin in Dulbecco's Modified Eagle's Medium"
11.40 – 12.00	Invited Lecturer: Prof. Dr. Mutlu AYTEMİR Faculty of Pharmacy, Department of Pharmaceutics, University of Izmir Katip Celebi – TURKEY Title: "Biologically Important Compounds Derived from the Natural Fungal Metabolite "Kojic Acid"
12.00 – 12.20	Invited Lecturer: Prof. Dr. Hari-Prasad DEVKOTA Graduate School of Pharmaceutical Sciences, Kumamoto University, Kumamoto – JAPAN Title: "Plant Phenolics as Antioxidants and Enzyme Inhibitors: Characterization and Bioactivity Analysis"
12.20 – 12.40	Invited Lecturer: Prof. Dr. Nazlı ARDA Department of Molecular Biology and Genetics, Istanbul University – TURKEY Title: "Honey Bee Products and Their Relationship with Flora"

12.40 – 13.00	<p>Invited Lecturer: Prof. Dr. Marina SPÎNU Department of Clinical Sciences - Infectious Diseases, University of Agricultural Sciences and Veterinary Medicine – ROMANIA Title: "Antimicrobial and Immune Stimulating Use of Plants in Veterinary Medicine"</p>
13.00 – 14.00	LUNCH TIME
SALON A / SESSION – III	
CHAIRS: Yaowared Chulikhit & Nazlı Arda	
14.00 – 14.20	<p>Invited Lecturer: Prof. Dr. Raman DANG Principal, KLE College of Pharmacy, Bengaluru, Karnataka – INDIA Raman Dang*, Sevgi Gezici Title: "Immunomodulatory Effects of Medicinal Plants and Natural Phytochemicals in Combating COVID-19"</p>
14.20 – 14.40	<p>Invited Lecturer: Prof. Dr. Atiar RAHMAN Department of Biochemistry and Molecular Biology, Faculty of Biological Sciences, University of Chittagong, Chittagong – BANGLADESH Title: "Standardized Litsea glutinosa (Lour.) Upregulates mRNA Expression of Antioxidative Enzymes and Normalizes IGE Levels to Control Diarrheal Incidences"</p>

14.40 – 15.00	<p>Invited Lecturer: Prof. Dr. Kanokwan JARUKAMJORN Department of Pharmaceutical Biotechnology, University of Khon Kaen, Khon Kaen – THAILAND</p> <p>Title: "Expression of Murine CYP1A1 by Andrographolide, an Active Constituent in <i>Andrographis paniculata</i>"</p>
15.00 – 15.20	<p>Invited Lecturer: Prof. Dr. Ali BİLGİLİ Department of Pharmacology and Toxicology, Faculty of Veterinary, Ankara University – TURKEY</p> <p>Title: " Poisonous Plants for Cats and Dogs Kept in House 1: <i>Dieffenbachia Spp.</i>, <i>Melia azedarach</i>, <i>Ricinus communis</i>, <i>Euphorbia pulcherrima</i>, <i>Narcissus Spp.</i>"</p>
15.20 – 15.40	<p>Invited Lecturer: Prof. Dr. Kuntal DAS Department of Pharmacognosy and Phytochemistry, Krupanidhi College of Pharmacy, #12/1, Chikkabellandur, Carmelaram Post, Varthur, Hobli, Bangalore – INDIA</p> <p>Title: " Discovery of Plant Secondary Metabolites as Lead from in Vitro Conserved Indian Threatened Medicinal Plants in Health Care Management "</p>
15.40 – 16.00	COFFEE BREAK

SALON A / SESSION – IV

CHAIRS: Ivan Salamon & Hari-Prasad Devkota

16.00 – 16.20	<p>Invited Lecturer: Prof. Dr. Beraat ÖZÇELİK Faculty of Chemistry Metallurgy, Department of Food Engineering, Istanbul Technical University – TURKEY Title: "Nanoliposomal Delivery Systems for Plant Derived Bioactive Compounds"</p>
16.20 – 16.40	<p>Invited Lecturer: Prof. Dr. Ivan SALAMON University of Presov, Faculty of Humanities and Natural Science, Department of Ecology, 01, 17th November St., 081 16, Presov – SLOVAKIA Title: "Active Substances Accumulation of Chamomile Varieties Under Growing Condition in Chullcuisa, Peru"</p>
16.40 – 17.00	<p>Invited Lecturer: Prof. Dr. Srivinasa Rao MENTREDDY Department of Biological and Environmental Sciences, University of Alabama A&M – USA Title: "Low-Temperature Plasma Promotes Early Sprouting and Increases Plant Growth and Yield of Turmeric (<i>Curcuma longa</i>)"</p>

<p>17.00 – 17.20</p>	<p>Invited Lecturer: Prof. Dr. Monica HANCIANU Department of Pharmacognosy, Faculty of Pharmacy, “Grigore T. Popa” University of Medicine and Pharmacy, Iasi – ROMANIA Ana Flavia Burlec, Łukasz Pecio, Cornelia Mircea, Andreia Corciiovă, Liliana Vereștiuc, Oana Cioancă, Wiesław Oleszek, Monica Hăncianu Title: "Chemical Profile, Antioxidant Activity and Cytotoxicity Assessment of <i>Tagetes erecta</i> Fractions"</p>
<p>17.20 – 17.40</p>	<p>Invited Lecturer: Prof. Dr. Salvatore La BELLA Department of Agricultural, Food and Forest Sciences University of Palermo- ITALY Title: "Agronomical and Chemical Characterization of Some Species of Aromatic and Medicinal Plants from Sicily, Italy"</p>
<p>17.40 – 18.00</p>	<p>Invited Lecturer: Prof. Dr. Biljana BAUER Faculty of Pharmacy, University of Ss Cyril and Methodius, Majka Tereza No 47, 1000, Skopje - REPUBLIC OF MACEDONIA Title: "Investigation of Preparations Obtained from <i>Juglans regia</i> L. From the Folk and Traditional Medicine of Republic of Macedonia "</p>

16 OCTOBER 2020, FRIDAY

SALON A / SESSION – V

CHAIRS: Sevgi Kolaylı & Atiar Rahman

09.20 – 10.40	ORAL PRESENTATIONS
OP-1	Prevention of Advanced End Glycation Products by the Seed Extracts of <i>Nigella sativa</i> Prairna Malik, Ahmad Ali*
OP-2	Anti-Diabetic Activity of Commercial Ethanolic Propolis Extracts from Anatolia Sevgi Kolaylı*, Rabia El Adaouia Taleb, Nouredine Djebli, Hadjer Chenini, Hüseyin Şahin, Aslı Elif Tanuğur Samancı
OP-3	Effect of <i>Lawsonia inermis</i> Ointment on Excisional Wound Healing in Wistar Rats Kalbaza Ahmed Yassine
OP-4	Influence of Environmental Factors on Inhibitory Activity Against PSF1 Gene Expression and Habitat Suitability Mapping of <i>Cardiocrinum cordatum</i> (Thunb.) Makino in Chiburijima Island, Japan Aedla Raju, Doaa H. M. Alsaadi*, Koji Sugimura, Nobuyuki Takakura, Sevgi Gezici, Takashi Watanabe

OP-5	Biologic Assessment of Alcoholic Extracts of <i>Equisetum pratense</i> , <i>Equisetum sylvaticum</i> and <i>Equisetum telmateia</i> : Antioxidant and Neuroprotective Activity <u>Denisa Batır Marin*</u> , Cornelia Mircea, Lucian Hrițcu, Oana Cioancă, Monica Boev, Andreia Corciovă, Răzvan Ștefan Boianțiu, Monica Hăncianu
OP-6	Pre-Formulation Study For Nanoemulsion Preparation of Essential Oils for Treatment of Candidiasis <u>Asma Shahbaz*</u> , Yıldız Özalp, Alaa Alghananim, Murat Kartal, Nurten Altanlar, Duygu, Şimşek, Hümevra Şahin Bektay, Sevgi Gungör
10.40 – 11.00	COFFEE BREAK
SALON B / SESSION – I	
CHAIRS: Başak Hanedan& Sevgi Gezici	
09.20 – 10.40	ORAL PRESENTATIONS
OP-7	Antioxidant and Phenolic Profile of Mahaleb Plant as a Functional Food <u>Fadime Eryılmaz Pehlivan*</u>
OP-8	Antioxidant Profile of a Medicinal Halophyte: <i>Portulaca oleraceae</i> L. Under Saline Conditions <u>Fadime Eryılmaz Pehlivan*</u>
OP-9	Antioxidant Activities of Some Polyphenolic Extracted from <i>Marrubium vulgare</i> Leaves from Algeria <u>Chabha Sehaki*</u> , Farida Fernane, Ouarda Talbi

OP-10	The Effects of <i>Tribulus terrestris</i> , <i>Avena sativa</i> and White Ginseng on Adiponectin, Leptin, Resistin, Fatty Acid Binding Protein 4, Homocysteine and Paraoxonase-1 Levels in Hypercholesterolemic Rats Ahmet Nalbant, Ali Bilgili, <u>Başak Hanedan*</u>, Mehmet Akdoğan
OP-11	The Anatomical and Palynological Characteristics of Medicinal Plant Species of <i>Echinophora</i> L. (Apiaceae) <u>Burcu Yılmaz Citak*</u>
OP-12	The Effect of Phosphorus and Zinc Fertilization on Lycorine and Galantamine Accumulation in Giantsnowdrop Ebru Batı Ay*, Şevket Metin Kara, Melek Gül, Muhammed Akif Açıkgöz
10.40 – 11.00	COFFEE BREAK
SALON A / SESSION – VI	
CHAIRS: Violina Angelova & Narin Sadıkoğlu	
11.00 – 12.20	ORAL PRESENTATIONS
OP-13	Heavy Metal Accumulation and Chemical Composition of Essential Oil of <i>Juniperus oxycedrus</i> L. (Cupressaceae) Grown on Serpentine Soils in Bulgaria <u>Violina Angelova*</u>
OP-14	Heavy Metal Accumulation and Chemical Composition of Essential Oils of Basil (<i>Ocimum basilicum</i> L.) Cultivated on Heavy Metal Contaminated Soils <u>Violina Angelova*</u>

OP-15	Phytochemical Analysis and Habitat Suitability Mapping of <i>Glycyrrhiza glabra</i> L. Collected in the Hatay Region of Turkey <u>Doaa H. M. Alsaadi*</u>, Raju Aedla, Ken Kusakari, Faruk Karahan, Nazim Sekeroglu, Takashi Watanabe
OP-16	New Dichotomous Identification Key for Turkish Lamiaceae Genera <u>Narin Sadıkoğlu*</u>
OP-17	Potential Applications of Plant Lectins Against SARS-COV-2 <u>Murat Pekmez*</u>
OP-18	Investigation on Effects of Ontogenetic Variations of Maritime Pine (<i>Pinus pinaster</i> Ait.) on Volatile Components <u>Mehmet Kurtca, Ibrahim Tumen*</u>
12.20 – 13.00	LUNCH
SALON B / SESSION – II	
CHAIRS: Ayşe Betül Avcı & Hayrettin Ozan Gülcan	
11.00 – 12.20	ORAL PRESENTATIONS
OP-19	Medicinal and Aromatic Plants as a Source of Antioxidant during COVID-19 Period <u>Ayşe Betül Avcı*</u>, R. Refika Akçalı Giachino
OP-20	Computational Botany – A Review <u>Diana-Mihaela Dumitraşcu*</u>

OP-21	Quality Characteristics of Some Essential Oil Plants Grown Under Conventional and Organic Farming Conditions <u>Ünal Karık*</u>, <u>Murat Tunçtürk</u>, <u>Orçun Çınar</u>
OP-22	Diverse Biological Actions of Urolithins, the Metabolites of Ellagitannin Metabolism <u>Havrettin Ozan Gülcan*</u>
OP-23	Natural and Synthetic Urolithin Analogues as Multi-Target Ligands for the Treatment of Alzheimer's Disease <u>Havrettin Ozan Gülcan*</u>
OP-24	The Effects of Different Nitrogen Fertilizer Applications on the Essential Oil Components and Chlorophyll Contents of Oregano (<i>Origanum vulgare</i> Subsp. <i>hirtum</i>) <u>Işın Kocabaş Oğuz*</u>, <u>Kerem Palancı</u>, <u>Ibrahim Aydın Kılınç</u>
12.20 – 13.00	LUNCH
SALON A / SESSION – VII	
CHAIRS: Teresa Tuttolomondo & Meryem Bozkurt	
13.00 – 14.20	ORAL PRESENTATIONS
OP-25	Adjuvant Potential of Plant Extracts in Sheep Vaccinated Against Clostridia <u>Şandru Carmen Dana*</u>, <u>Pojar Petru</u>, <u>Niculae Mihaela</u>, <u>Pall Eموke</u>, <u>Cerbu C.</u>, <u>Vasiu A.</u>, <u>Olah Diana</u>, <u>Spînu Marina</u>
OP-26	Wild Aromatic and Medicinal Plants Used in The Mountainous Areas of Sicily (Italy) – A Comparison <u>Teresa Tuttolomondo*</u>, <u>Giuseppe Virga</u>

OP-27	Kilis Yađlık Virgin Olive Oil: A Novel Source for Omega-7 Fatty Acids, Especially Paullinic Acid <u>Nazim Sekeroglu*</u>, <u>İsmail Erdođan</u>, <u>Sevgi Gezici</u>
OP-28	Comparative Analysis of Total Phenolics, Flavonoids and Antioxidant Potential of Methanol and Acetone Extracts of <i>Sideritis niveotomentosa</i> Hub. -Mor. <u>Ela Nur Şimşek Sezer*</u>, <u>Tuna Uysal</u>
OP-29	The Karyotype Analyses in Subtaxa of <i>Centaurea pseudoscabiosa</i> from Turkey <u>Mervem Bozkurt*</u>
OP-30	Effects of Fermentation on Antioxidant Activity of Plant-Based Milk Substitutes <u>Zehra Mertdinç</u>, <u>Elif Feyza Aydar*</u>, <u>Beraat Özçelik</u>
14.20 – 14.40	COFFEE BREAK
SALON B / SESSION – III	
CHAIRS: Rûveyde Tunçtürk & Esin Poyrazođlu Çoban	
13.00 – 14.20	ORAL PRESENTATIONS
OP-31	A Study on the Cultivation and Adaptation of <i>Stevia rebaudiana bertonii</i> Plant to Antalya Conditions <u>Ahu Cinar*</u>, <u>Safinaz Elmasulu</u>, <u>Arzu Bayir Yegin</u>, <u>Orcun Cinar</u>
OP-32	Antimicrobial Properties of the Seed Extracts of <i>Ceratonia siliqua</i> L. and <i>Olea europaea</i> L. <u>Esin Povrazođlu Çoban</u>, <u>Zeynep Burcu Bayrak</u>, <u>Makbule Bezek</u>, <u>H. Halil Bıyık</u>
OP-33	Effects of the Seed Extracts of <i>Vitis vinifera</i> L. and <i>Gossypium hirsutum</i> L. on Some Microorganisms <u>Esin Povrazođlu Çoban</u>, <u>Zeynep Burcu Bayrak</u>, <u>Makbule Bezek</u>, <u>H. Halil Bıyık</u>

OP-34	Wormwood Polyphenol Extract Mediated Remediation of Mitochondrial DNA (MtDNA) Oxidation and Neurotoxicity Induced by Mercury <u>Nouria Hallal*</u>, Imène Benyettou, Omar Kharoubi, Sevgi Gezici
OP-35	The Effect of Salt and Drought Stress on Germination and Early Seedling Growth of <i>Lavandula stoechas</i> Linn. Seeds <u>Safinaz Elmasulu*</u>, Ahu Çınar, Işın Kocabaş Oğuz, Mehmet Arslan
OP-36	The Mineral and Heavy Metal Contents of Wild Medicinal Plant <i>Taraxacum scaturiginosum</i> G. E. Haglund Growing in Van City <u>Rüveyde Tunçtürk*</u>, Lütfi Nohutçu, Ezelhan Şelem, Ünal Karik, Murat Tunçtürk
14.20 – 14.40	COFFEE BREAK
SALON A / SESSION – VIII	
CHAIRS: Koula Doukani & Filiz Meriçli	
14.40 – 16.00	ORAL PRESENTATIONS
OP-37	Assessment of Wound Healing Activity of Ethanolic Extracts of <i>Pistacia lentiscus</i> L. Leaves and <i>Quercus ilex</i> L. Bark in Full Thickness Skin Excision in Rats <u>Doukani Koula*</u>, Hemida Houari, Zitouni Abdelkader, Miloud Brahim, Beggar Houcine, Bouhenni Hasna
OP-38	Ethnobotanical Study of Medicinal Plants in Ain Antar Forest (North-Western of Algeria) <u>Hallal Nouria*</u>, Dehli Aidda, Hammar Akila, Belhaouas Linda, Benyettou Imène, Kharoubi Omar

OP-39	Preformulation Study of Nanoemulsion Preparation Based on Essential Oils for Wound Healing <u>Abdulkader Rawas*</u>, Yıldız Özalp, Alaa Alghananım, Murat Kartal, Nurten Altanlar, Duygu Şimşek, Hümeyra Şahin Bektay, Yıldız Erginer
OP-40	Standardization Studies on Silver Lime (<i>Tilia tomentosa</i> Moench.) Used as A Traditional Medicine in Turkey <u>Etil Guzelmeric*</u>, Parla Isil Yuksel, Gizem Bulut, Erdem Yesilada
OP-41	Prospective <i>Crataegus</i> Species from Libya and Northern Cyprus for Production of Herbal Medicine <u>Najat Agiel*</u>, Jude Caleb, Ali Hikmet Meriçli, Usama Alshana, Filiz Meriçli
OP-42	Bioactive Compounds, Antioxidant and Ace-Inhibitory Activities of <i>Hippophae rhamnoides</i> Plants and <i>In-vitro</i> Bioaccessibility Studies <u>Eda Senu*</u>, Mine Gültekin-Özgülven, Beraat Özçelik
16.00 – 16.20	COFFEE BREAK
SALON B / SESSION – IV	
CHAIRS: Murat Tunçtürk & Elizabeth Paitan	
14.40 – 16.00	ORAL PRESENTATIONS
OP-43	In-Vitro Antimicrobial Activities of Some Bee Products <u>Ash Elif Tanuğur Samancı*</u>, Taylan Samancı, Sevgi Kolaylı

OP-44	Investigation of Antioxidant Properties of Propolis Products from The World Market <u>Aslı Elif Tanuğur Samancı*</u>, Taylan Samancı, Esra Çapanoğlu Güven
OP-45	Significance of Seed Coat Morphology in Some <i>Isatis</i> (Brassicaceae) Taxa <u>Emrah Şirin*</u>, Kuddisi Ertuğrul
OP-46	Evaluation of Antibacterial and wound healing Activities of the Combination of <i>Foeniculum vulgare</i> , <i>Cinnamomum verum</i> , and <i>Syzygium aromaticum</i> Essential Oils in Diabetic Septic Wounds <u>Samah Awad AbduRahim*</u>, Bahaeldin K. Elamin, Mariam Atif Salaheldin, Loai Osman Abdlmarroof, Nariman Osman, Hisham Ishaq, Aisha Zoheir Almagboul
OP-47	Determination of Yield and Quality Characteristics of Different Coriander (<i>Coriandrum sativum</i> L.) Populations in Eastern Mediterranean Conditions <u>Ahmet Mert*</u>, Nadire Pelin Bahadırılı
OP-48	Inactivation of <i>K. pneumoniae</i> and <i>S. aureus</i> pathogens inoculated to rice by <i>Laurus nobilis</i> and <i>Thymbra spicata</i> essential oil <u>Nadire Pelin Bahadırılı*</u>, Elif Ayşe Erdoğan Eliuz
16.00 – 16.20	COFFEE BREAK

SALON A / SESSION – IX**CHAIRS: Shalin Carhuallanqui Avila & T.S.Mammadov**

16.20 – 17.40	ORAL PRESENTATIONS
OP-49	Characterization and Evaluation of Phenolic Compounds of Blackberry Pulp Wild (<i>Rubus Sp.</i>) from the District of Tintay Punco Vraem - Huancavelica - Perú <u>Elizabeth Paitan</u> *, Fredy Yabar, Vilma Reyes, Clara Espinoza, Doris Marmolejo, Shalin Cahuallanqui, Alejandrina Sotelo
OP-50	Chemical Composition and Antibacterial Activity of the Essential Oil of <i>Salvia sagittata</i> Ruiz & Pav <u>Shalin Carhuallanqui Avila</u> *, Giancarlo Ponce Porras, Elizabeth Paitan Anticona, Edson Hilmer Julca Marcelo, Alejandrina Sotelo Mendez, Edgar Norabuena Meza
OP-51	Chemical Composition and Antibacterial Activity of Pacha Muña Essential Oil (<i>Hedeoma mandoniana wedd</i>) Extracted by Supercritical Fluids <u>Shalin Carhuallanqui Avila</u> *, Renzo Huaman Espinoza, Olivarez Zavala Benjamin, Elizabeth Paitan Anticona, Edson Hilmer Julca Marcelo, Alejandrina Sotelo Mendez, Edgar Norabuena Meza
OP-52	Development of Nanoformulation Containing Whale Herb Oil <u>Juliana Cristina dos Santos Almeida Bastos</u> *, Maira Christina Marques Fonseca, Fernada Barçante Perasoli, Luan Bianchini Silvestro, Rosana Gonçalves Rodrigues-das-Dôres, Gustavo Henrique Bianco de Souza, Orlando David Henrique dos Santos

SALON B / SESSION – V

CHAIRS: Şandru Carmen Dana & Gülsüm Yıldız

16.20 – 17.40	ORAL PRESENTATIONS
OP-56	<i>In vitro</i> Age Dependent Cell-Mediated Responses to Antimicrobial Plant Extracts in Free Range Mangalitza Pigs <u>Marina Spînu*</u>, Laura Andreea Rusu, Mihaela Niculae, Eموke Pall, Aurel VasIU, Diana Ioana Olah, Constantin Cerbu, Ana Maria Cozma-Petruş, Carmen Dana Şandru, Vasile Cozma
OP-57	In Vitro Adaptive Cellular Response T-to Alcoholic Plant Extracts in <i>Brucella ovis</i> Infected Rams <u>Şandru Carmen Dana*</u>, Niculae Mihaela, Pall Eموke, Brudaşcă F., Cerbu C., Jeszensky Henrietta, VasIU A., Olah Diana, Spînu Marina
OP-58	Agro-Morphological and Yield Properties of Different Fenugreek Genotypes and Cultivars Under Irrigated and Dry Land Conditions <u>Mahmut Çamlıca*</u>, Gülsüm Yıldız
OP-59	Variation in Some Quality Properties of Different Basil Genotypes <u>Mahmut Çamlıca, Gülsüm Yıldız*</u>
OP-60	Yield, Yield Components and Some Quality Properties of Fenugreek Cultivar and Genotypes <u>Gülsüm Yıldız*</u>, Mahmut Çamlıca

OP-61	The Chemical Contents of <i>Salvia nemorosa</i> L. Growing Around Van Lake <u>Murat Tunçtürk*</u> , Rüveyde Tunçtürk , Lütfi Nohutçu , Ünal Karik , Ezelhan Şelem
OP-62	Garlic (<i>Allium sativum</i> L.) Essential Oil: Chemical Composition and Its Potential Effect in Food and Medical Applications <u>Zakia Boubechiche*</u> , Nour-Eddine Chihib , Amina Hellal , Charafeddine Jama
17.40 – 18.30	POSTER SESSION
18.30 – 19.00	DISCUSSION & CLOSING

MESMAP – 6
POSTER PROGRAM

MESMAP-6 PROGRAM

16 OCTOBER 2020, FRIDAY
TIME: 17.40 – 18.30 (ISTANBUL TIME)
POSTER SESSIONS

PP – 1	Essential Oil Bearing Plants of Nigeria <u>Samuel Adediran*</u> , Filiz Mericli, Dudu Özkum Yavuz
PP – 2	Review: Antibacterial Effect of Bergamot Oil <u>Ilyas Guldal*</u> , Seniz Karabiyikli
PP – 3	Antioxidative Potential of the Ethanolic Extract of <i>Chenopodium botrys</i> L. <u>Büşra Yilmazoğlu*</u> , Ela Nur Şimşek Sezer, Tuna Uysal, Aqsa Awan
PP – 4	Chemical Composition of The Essential Oil from Leaves of <i>Lippia Citriodora</i> Growing in Turkey Soner Soylu, Merve Kara, İlhan Üremiş, <u>Musa Türkmen*</u>
PP – 5	Isolation and Identification of Beneficial Bacterial Endophytes Isolated from <i>Laurus nobilis</i> L. Growing in Hatay Province of Turkey Soner Soylu, Merve Kara, E. Mine Soylu, İlhan Üremiş, Şener Kurt, <u>Aysun Uysal, Musa Türkmen*</u>
PP – 6	Synthesis and Screening of Antibacterial and Antifungal Effects of Mannich Bases Derived from Kojic Acid <u>Gülşah Karakaya, Berrin Özçelik, Mutlu D. Aytemir*</u>
PP – 7	Evaluation of Enzyme Inhibitory Activities of Some <i>Polygonum</i> L. Species Growing in Turkey <u>Tuğsen Doğru*</u> , Fatma Sezer Senol Deniz, Osman Tugay, Ilkay Erdogan Orhan

PP – 8	Research on Tyrosinase Inhibitory Effects of Three <i>Haplophyllum</i> A. Juss. Species (Rutaceae) Growing in Turkey Esengül Karahisar, Tuğsen Doğru*, Fatma Sezer Şenol Deniz, Deniz Ulukuş, Osman Tugay, Ilkay Erdoğan Orhan
PP – 9	Essential Oils Bearing Plants of Cameroon Jean Christophe Fogang Vougmo*, Filiz Mericli, Dudu Özkum Yavuz
PP – 10	Chemical Composition and Antioxidant Activity of Essential Oil of <i>Pistacia lentiscus</i> From Algeria Chabha Sehaki*, Eric Gontier, Farida Fernane, Elodie Choque, Radouane Meghzi
PP – 11	Aromatic Plants and Their Biologically Active Compounds - A Review - Diana-Mihaela Dumitraşcu*
PP – 12	Chemical Composition, Antioxidant and Antitumoral Activity of <i>Syringa vulgaris</i> L. Ethanolic Extract Daniela Hanganu*, Neli Olah, Mihaela Niculae, Ilioara Oniga, Răzvan Ştefan, Loredana Olar, Eموke Pall, Sanda Andrei, Irina Ielciu, Daniela Benedec
PP – 13	Semisynthetic and Biological Activity of Iminonarigin Derivatives Meriem Bouanini*, Nasser Belboukhari
PP – 14	Chemical and Biological Profiles of Two <i>Thymus vulgaris</i> L. (Lamiaceae) Commercial Essential Oils Daniela Hanganu*, Mihaela Niculae, Radu Giupană, Eموke Pall, Daniela Benedec, Ilioara Oniga, Sanda Andrei, Katalin Nagy, Irina Ielciu, Radu Oprean

PP – 15	Carotenoids, Total Polyphenols and Antioxidant Activity of <i>Taxus baccata</i> Fruits Daria Antonia Dumitras, Mihaela Niculae, Andrea Bunea, Daniela Hanganu, <u>Sanda Andrei</u>*
PP – 16	The In Vitro Antimicrobial Efficacy of Herbal Products Combinations Against Bacteria Isolated from <i>Bovine mastitis</i> Cristiana Novac, Mihaela Niculae, Eموke Pall, Daniela Hanganu, <u>Sanda Andrei</u>*
PP – 17	Chemical Fingerprinting and Evaluation of Bioactive Properties of Two Edible Halophytes: <i>Limonium Effusum</i> (Boiss.) O. Kuntze And <i>Limonium Sinuatum</i> (L.) Miller Ipek Baysal, Melike Ekizođlu, Mustafa Abdullah Yilmaz, Samiye ifti-Yabanođlu, Glberk Uar, <u>F. Pinar Turkmenoglu</u>
PP – 18	Assessment of <i>In Vitro</i> Cytotoxicity of Leaf Extract and Fractions of <i>Cotinus coggygria</i> Scop. on Human Non-Melanoma Skin Cancer Cells <u>Zlatina Gospodinova</u>, Milena Nikolova, Antoniya Vladimirova, Georgi Antov
PP – 19	Growth environment and organ specific variation in <i>in vitro</i> cytoprotective activities of <i>Picea mariana</i> in PC12 cells exposed to glucose toxicity: A plant used for treatment of diabetes symptoms by the cree of <i>Eeyou istchee</i> (Quebec, Canada) Ashleigh D Downing, <u>Hoda M Eid</u> , Andrew Tang, Fida Ahmed, Cory S Harris, Pierre S Haddad, Timothy Johns, John T Arnason, Steffany A L Bennett, Alain Cuerrier