

PROGRAM BOOK



*The 9th International Mediterranean
Symposium on Medicinal and Aromatic Plants
03-05 May 2023 in Ankara – TÜRKİYE*

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AIRLINES**



**The 9th International Mediterranean Symposium on
Medicinal and Aromatic Plants**

**MESMAP - 9
PROGRAM BOOK**

May 03rd – 05th, 2023

Pharmacy Faculty, Gazi University

Ankara-Türkiye

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MESMAP – 9
ORAL PROGRAM

03 MAY 2023, WEDNESDAY

9.00 – 09.30

REGISTRATION

09.30 – 10.30

• **OPENING CEREMONY & WELCOME SPEECHES**

Prof. Dr. İlkay ERDOĞAN ORHAN

Co - Chair of MESMAP-9

Prof. Dr. Nazım ŞEKEROĞLU

Chair of MESMAP Symposium Series

Prof. Dr. Musa YILDIZ

Rector of Gazi University, Ankara-Türkiye

• **MESMAP SYMPOSIUM GROUP PHOTO**

SALON A / SESSION – I**KEYNOTE LECTURES****CHAIRS:** Prof. Dr. Ilkay ERDOGAN ORHAN & Prof. Dr. Milen I. GEORGIEV

10.30 – 11.00	Keynote Lecturer: Günther K. BONN Austrian Drug Screening Institute (ADSI), University of Innsbruck, Innsbruck, AUSTRIA Title: <i>'Austrian Drug Screening Institute – Bridging Basic Research and Industry'</i>
11.00 – 11.30	Keynote Lecturer: Prof. Dr. Zora DAJIĆ STEVANOVIĆ President of AMAPSEEC University of Belgrade, Faculty of Agriculture, Belgrade, SERBIA Title: <i>'Plant Bioactive Compunds for Treatment of Cancer: Myth or Chance?'</i>
11.30 – 12.00	Keynote Lecturer: Prof. Dr. Francesco EPIFANO Department of Pharmacy, University "Gabriele d'Annunzio" of Chieti, Chieti Scalo, ITALY Title: <i>'Oxyprenylated Phytochemicals: New Acquisitions and Findings over the last 5 Years'</i>
12.30 – 14.00	LUNCH

SALON A / SESSION – II**INVITED LECTURES****CHAIRS:** Prof. Dr. Aref ABU-RABIA & Prof. Dr. Nazim SEKEROGLU

14.00 – 14.30	Keynote Lecturer: Prof. Dr. Funda Nuray YALCIN Hacettepe University, Faculty of Pharmacy, Ankara, TÜRKİYE <i>Title: “All About Ginseng”</i>
14.30-15.50	ORAL PRESENTATIONS
OP-1	<u>Akbar Pirestani</u>, <u>Mohammadreza Poursakhi</u>, <u>Elmira Ziya Motalebipour</u> <i>CAROB (CERATONIA SILIQUA L.) SEED EFFECT ON SEMEN QUALITY AND BLOOD PARAMETER IN LORI- BAKHTIARI RAM</i>
OP-2	<u>Aref Abu-Rabia</u> <i>WILD PLANTS: FOOD AND MEDICINE IN THE MIDDLE EAST</i>
OP-3	<u>Spinu M.</u>, <u>Sandru C.D.</u>, <u>Olah D.</u>, <u>Pall E.</u>, <u>Vasiu A.</u>, <u>Rusu M.</u>, <u>Cerbu C.</u>, <u>Duca Gh.</u> <i>TAXONOMY INFLUENCES THE EFFICACY OF PLANT EXTRACTS AGAINST ANTIBIOTIC RESISTANT</i>
OP-4	<u>Amel Ben Jalloul</u>, <u>Najet Souhail</u>, <u>Manef Abderrabba</u> <i>AMMOIDES PUSILLA POTENTIAL USE IN CREAM CHEESE PRESERVATION</i>
OP-5	<u>Ufuk Alpat</u>, <u>Tarık Nar</u>, <u>Salih Karasu</u>, <u>Osman Sağdıç</u> <i>OPTIMIZATION OF PROPOLIS EXTRACTION WITH NATURAL DEEP EUTECTIC SOLVENTS USING CENTRAL COMPOSITE DESIGN</i>

OP-6	<u>Tuğba Günbatan, Melike Sucu, Elif Dilmaç, İlhan Gürbüz</u> <i>CHYMOTRYPSIN AND TRYPSIN INHIBITORY ACTIVITIES OF SOME PLANTS GROWN IN RIZE (TURKEY)</i>
OP-7	<u>Muhammed Ali Gündeşli, Müjgan Güney</u> <i>BIOLOGICALLY ACTIVE SECONDARY METABOLITES AND MEDICINAL USES OF <i>Stachys schtschegleevii</i></i>
OP-8	<u>Nurten Abaci Kaplan, Hasya Nazlı Gök, Mustafa Aslan, Ilkay Erdogan Orhan</u> <i>IN VITRO DETERMINATION OF COLLAGENASE, ELASTASE, ACETYLCHOLINESTERASE AND BUTYRYLCHOLINESTERASE INHIBITORY ACTIVITIES, ANTIOXIDANT ACTIVITIES AND CHLOROGENIC ACID QUANTITATION IN <i>HELICHRYSUM STOECHAS (L.) MOENCH</i> AND <i>HELICHRYSUM STOECHAS SUBSP. BARRELIERI (TEN) NYMAN</i></i>
15.50 – 16.00	COFFEE BREAK
CHAIRS: Prof. Dr. Selin ŞAHİN & Prof. Dr. Marina SPINU	
16.00 – 17.20	ORAL PRESENTATIONS
OP-9	<u>Selin Sahin</u> <i>RANCIMAT: A RAPID APPROACH FOR DETECTION OF OXIDATIVE DEGRADATION IN FAT-CONTAINING FOOD PRODUCTS</i>
OP-10	<u>Sandru C.D., Spinu M., Duca Gh., Potarniche A., Rusu M., Pall E., VasIU A., Olah D.</u> <i>IS BOVINE MASTITIC BACTERIOME SENSITIVE TO PLANT EXTRACTS?</i>

OP-11	<p><u>Benlarbi Larbi, Hadane Rania, Benchergui Safa</u> <i>MOLECULAR CHARACTERIZATION OF <i>Fusarium oxysporum f.sp albedinis</i> FROM SOUTH WEST ALGERIA</i></p>
OP-12	<p><u>Ferhan Balcı-Torun</u> <i>SPRAY DRIED NANOEMULSIONS LOADED WITH AVOCADO OIL: INFLUENCE OF HOMOGENISATION PRESSURE</i></p>
OP-13	<p><u>İrem Toprakçı, Selin Şahin</u> <i>AN EFFICIENT GREEN METHOD FOR RECOVERY OF POLYPHENOLS FROM OLIVE TREE (OLEA EUROPAEA) LEAVES BY MEANS OF LACTIC ACID-BASED DEEP EUTECTIC SOLVENT</i></p>
OP-14	<p><u>Gökşen Dilşat Durbilmez, Demet Erdönmez, Ufuk Koca Çalışkan</u> <i>ANTI-QUORUM SENSING AND ANTIMICROBIAL ACTIVITY OF ZINC AND COPPER NANOFLOWERS DERIVED FROM COTINUS COGGYRIA AND ROSMARINUS OFFICINALIS PLANT SPECIES</i></p>
OP-15	<p><u>Sevgi Gezici</u> <i>NEUROINFLAMMATION IN THE PATHOGENESIS OF ALZHEIMER'S DISEASE AND PHYTOTHERAPEUTICS</i></p>
OP-16	<p><u>Methive Mancak, Ufuk Koca Çalışkan</u> <i>IS IT SAFE TO USE ALL THE CINNAMON DERIVATIVES FOR HEALTH PURPOSES?</i></p>
<p>10.00 – 18.00 POSTER SESSION (FACE TO FACE)</p>	

04 MAY 2023, THURSDAY

SALON A / SESSION – III

INVITED LECTURES

CHAIRS: Prof. Dr. Zora DAJIĆ STEVANOVIĆ & Prof. Dr. Mahesh NARAYAN

09.30 – 10.00

Keynote Lecturer: Prof. Dr. Alvaro VILJOEN

DST-NRF Chair in Phytomedicine, Director: MRC Herbal Drugs Research Unit, Department of Pharmaceutical Sciences, Tshwane University of Technology, SOUTH AFRICA

Title: 'Evidence-Based Ethnopharmacology – Examples from African Flora'

10.00 – 10.30

Keynote Lecturer: Prof. Dr. Milen I. GEORGIEV

Institute of Microbiology, Bulgarian Academy of Sciences, Plovdiv, BULGARIA

Title: "Anti-Psoriatric Potential of Plant Natural Compounds"

10.30 – 11.00

Keynote Lecturer: Prof. Dr. Alexios-Leandros SKALTSONIS

School of Pharmacy, Department of Pharmacognosy & Natural Product Chemistry, University of Athens, GREECE

Title: "Exploitation of olive oil industry products and by-products for pilot isolation and semi-synthesis of promising medicinal agents"

11.00 – 11.15

COFFEE BREAK

SALON A / SESSION – IV

CHAIRS: Dr. Ayşe Esra KARADAĞ & Dr. Ana Flavia BURLEC

11.15-13.00

ORAL PRESENTATIONS

OP-17

Ana Flavia Burlec, Łukasz Pecio, Cornelia Mircea, Andriea Corciovă, Cristina Tuchiuș, Oana Cioancă, Liliana Vereștiuc, Solomiia Kozachok, Wiesław Oleszek, Monica Hâncianu
PHYTOCHEMICAL AND BIOLOGICAL EVALUATION OF SOME ORNAMENTAL ASTERACEAE SPECIES

OP-18

Avgün Schiesser, Burcu Daşer Özgişi, Golshan Zare, Emre Çilden, Çiğdem Özenirler
CHARACTERIZATION OF THE NECTAR MICROBIOMES OF SALVIA CRYPTANTHA MONTBRET & AUCHER EX BENTHAM AND ITS PARASITE OROBANCHE ANATOLICA

OP-19

Violina Angelova, Maria Ihtyarova
HEAVY METAL ACCUMULATION AND CHEMICAL COMPOSITION OF ESSENTIAL OILS OF TANSY (TANACETUM BULGARE L.) CULTIVATED ON HEAVY METAL CONTAMINATED SOILS

OP-20

Gizem Gülpınar, Mehmet Barlas Uzun, Ayesha Iqbal, Claire Anderson, Wajid Syed, Mahmood Basil A. Al-Rawi
A MODEL OF PURCHASE INTENTION OF COMPLEMENTARY AND ALTERNATIVE MEDICINES: THE ROLE OF SOCIAL MEDIA INFLUENCERS' ENDORSEMENTS

OP-21	<p>Oana Cioanca, <u>Ana Flavia Burlec</u>, Roxana Delia Chitiala, Denisa Batir-Marin, Silvia Robu, Monica Hancianu <i>QUALITY INFLUENCE ON MOROCCAN CROCUS SATIVUS SAMPLES USED FOR FOOD INDUSTRY</i></p>
OP-22	<p><u>Onur Kenan Ulutaş</u>, Senem Akgül, Zeynep Gizem Yıldız <i>ASSESSING THE SAFETY AND EFFICACY OF DIY-HOMEMADE SUNSCREENS WITH NATURAL, AROMATIC AND HERBAL INGREDIENTS</i></p>
OP-23	<p><u>Ibukun O. Oresanya</u>, Esra Küpeli Akkol, Ilkay Erdogan Orhan <i>ANTI-INFLAMMATORY, ANTINOCICEPTIVE AND ANTIOXIDANT ACTIVITIES OF SELECTED WEST-AFRICAN ASTERACEAE PLANTS USING IN VITRO AND IN VIVO METHODS</i></p>
OP-24	<p><u>Ayşe Esra Karadağ</u>, Ayşegül Çaçkurlu <i>INVESTIGATION OF ANTIMICROBIAL EFFECT OF JUNIPERUS COMMUNIS, ZINGIBER OFFICINALE, PISTACIA LENTISCUS ESSENTIAL OILS IN COMBINATION WITH CHLORHEXIDINE AND DESIGN OF MOUTWASH FORMULATIONS</i></p>
13.00 – 14.00	LUNCH

SALON A / SESSION – V

INVITED LECTURES

CHAIRS: Prof. Dr. Alexios-Leandros SKALTSONIS & Prof. Dr. Francesco EPIFANO

14.00 – 14.30	<p>Keynote Lecturer: Prof. Dr. Mahesh NARAYAN Chief, Biochemistry Division, Department of Chemistry, University of Texas at El Paso, USA <i>Title: ‘Neuroprotective Properties of Brazilin’</i></p>
14.30-15.30	ORAL PRESENTATIONS
OP-25	<p><u>Nadire Pelin Bahadırli, Mahir Timur</u> <i>DETERMINATION OF DIFFERENT POPULATIONS IN HELICHRYSUM SPP. FROM HATAY FLORA AND EVALUATION OF SOME PROPERTIES</i></p>
OP-26	<p><u>Elif Hatice Babayiğit, İbrahim Kamacı, İbrahim Kilisli, Esin Akbay Çetin</u> <i>COMPARISON OF THE CYTOTOXIC AND PROLIFERATIVE EFFECT OF Laurus nobilis L. SEED EXTRACTS ON HEALTHY AND CANCEROUS CELLS</i></p>
OP-27	<p><u>Büşra Karpuz, Esra Akkol</u> <i>IN VIVO SEDATIVE ACTIVITY EVALUATION ON SOME PLANTS USED IN TURKISH FOLK MEDICINE</i></p>

<p>OP-28</p>	<p><u>Maha Hasni, Hamid Benlakhdar, Nasser Belboukhari, Mebarka Belboukhari, Khaled Sekkoum</u> <i>GC-MS ANALYSIS & ANTI-INFLAMMATORY ACTIVITY OF HELIOTROPIUM BACCIFERIUM ESSENTIAL OIL</i></p>
<p>OP-29</p>	<p><u>Sultan Pekacar, Didem Deliorman Orhan</u> <i>ENZYME INHIBITORY AND PHYTOCHEMICAL STUDIES ON Pistacia vera LEAVES COLLECTED from GAZIANTEP</i></p>
<p>OP-30</p>	<p><u>Nazim Sekeroglu</u> <i>THYME: UNIQUE MULTIFUNCTIONAL AROMATIC HERBS FROM TÜRKİYE</i></p>

16.00-17.30

WORKSHOP (SALON A)



Workshop

Guidelines on how to prepare your manuscript for the Journal of Ethnopharmacology (Elsevier, IF 5.195)

Presented by Prof Alvaro VILJOEN,
Editor-in-Chief of JEP

05 MAY 2023, FRIDAY

13.00 – 16.00

**ANKARA NATIONAL BOTANICAL
GARDEN VISIT**

05 MAY 2023, FRIDAY

ON – LINE PRESENTATIONS / SALON-A

CHAIRS: Prof. Dr. Esra ÇAPANOĞLU GÜVEN & Prof. Dr. Asaad Khalid MA AHMED

09.30-11.30

ON-LINE KEYNOTE SPEAKERS

09.30 – 10.00

Keynote Lecturer: Dr. Atiar RAHMAN

Department of Biochemistry and Molecular Biology University of Chittagong & International Professor (Distinguished Scholar Category) Walailak University, **THAILAND**

Title: “Natural Compounds of Aerides Odorata Lour Play A Vibrant Role In Hepatoprotection Via Immunomodulatory Effects”

10.00 – 10.30

Keynote Lecturer: Prof. Dr. Asaad Khalid MA AHMED

Professor at Substance Abuse and Toxicology Research Center, Jazan University, **SAUDI ARABIA**

Title: ‘Integrating Multidisciplinary Methods for Basic Drug Discovery: Harnessing the Power of Natural Products Research’

10.30 – 11.00

Keynote Lecturer: Prof. Dr. Krystyna Skalicka - WOŹNIAK

Chair and Department of Pharmacognosy with Medicinal Plant Unit, Medical University of Lublin, **POLAND**

Title: ‘Challenges and Opportunitites in Isolation of CNS Active Secondary Metabolites from Plants Relevant to Ethnopharmacology’

11.00 – 11.30	<p>Keynote Lecturer: Prof. Dr. Esra ÇAPANOĞLU GÜVEN Istanbul Technical University, Food Engineering Department, Istanbul, TÜRKİYE <i>Title: 'Valorization of Bioactive Compunds in Agricultural Wastes and Their Food Applications'</i></p>
11.30 – 12.00	<p>Keynote Lecturer: Prof. Dr. Agnieszka VIAPIANA Department of Analytical Chemistry, Medical University of Gdansk, POLAND <i>Title: 'Phenolic Composition and Biological Activity of Withania somnifera L. Commercial Samples'</i></p>
CHAIRS: Prof. Dr. Oana CIOANCĂ & Prof. Dr. Kuntal DAS	
12.00 – 14.00	ORAL PRESENTATIONS – ONLINE / SALON-A
OOP-1	<p>Ozana Andreea Stoleru, Ana Flavia Burlec, Cornelia Mircea, Maura Gabriela Felea, <u>Oana Cioancă</u>, Irina Macovei, Monica Hăncianu, Andreia Corciovă <i>GREEN NANOTECHNOLOGY FOR DIABETES MANAGEMENT</i></p>
OOP-2	<p>Višnja Oreščanin, Štefica Findri Guštek, Matea Guštek, Ivana Guštek <i>THE EFFICACY AND SAFETY OF BIOAPIGYN® OINTMENT FOR PELVIC MUSCLE TONUS IN PREMARKET/POSTMARKET STUDY IN THE TREATMENT OF FEMALE URINARY INCONTINENCE</i></p>
OOP-3	<p><u>Ebru Kurtulbas</u> <i>KINETIC MECHANISM OF SOUR CHERRY PEEL POLYPHENOL EXTRACTION USING DEEP EUTECTIC SOLVENT</i></p>

<p>OOP-4</p>	<p><u>U.M.Amzeyeva, A.K. Nurlybekova, A.A. Kudaibergen, Sh.M. Mamashev, J. Jenis</u> <i>CHEMICAL CONSTITUENTS OF DIANTHUS SUPERBUS, MATRICARIA CHAMOMILLA AND GLYCYRRHIZA GLABRA</i></p>
<p>OOP-5</p>	<p><u>Özge Özcan, Hazal Eken, Alper Öztürk, Nurcan Bektas, Rana Arslan</u> <i>COMPARISON OF THE EFFECTS OF QUERCETIN AND QUERCETIN-LOADED CYCLODEXTRIN FORMULATIONS ON ACUTE PAIN</i></p>
<p>OOP-6</p>	<p><u>Marina Kryvtsova, Jana Koscova, Kristina Trush, Tatiana Koguch, Gasinec Jaroslava, Ivan Sklar, Julia Trofimova, Nikolay Spivak</u> <i>ANTIMICROBIAL AND ANTIBIOFILM-FORMING ACTIVITY OF EXTRACTS OF MEDICINAL PLANTS FOUND IN THE UKRAINIAN CARPATHIANS</i></p>
<p>OOP-7</p>	<p><u>Dilobarhon R.Kodirova, Kh.A.Rasulova</u> <i>ALKALOIDS OF PLANTS HAPLOPHYLLUM GRIFFITHIANUM AND HAPLOPHYLLUM RAMAZISSIMUM</i></p>
<p>OOP-8</p>	<p><u>Aliva Nurlybekova, Yang Ye, Janar Jenis</u> <i>PHYTOCHEMICAL PROFILE AND BIOLOGICAL ACTIVITIES OF LIGULARIA NARYNENSIS</i></p>
<p>OOP-9</p>	<p><u>Kuntal Das</u> <i>MICROSCOPIC CHARACTERIZATION AND PROXIMATE ANALYSIS OF BELOSYNOPSIS VIVIPARA LEAVES WITH IDENTIFIED ALKALOIDAL COMPOUNDS THROUGH HPTLC</i></p>

<p>OOP-10</p>	<p><u>Najat Agiel, Yavuz Bülent Köse, Zeynep Gülcan, Nagehan Saltan, Mine Kürkçüoğlu, Gökalp Işcan</u> <i>ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF THE ENDEMIC MENTHA LONGIFOLIA SUBSP. CYPRICA GROWING IN CYPRUS</i></p>
<p>CHAIRS: Prof. Dr. Ahmad ALI & Prof. Dr. Lucia CAPUTO</p>	
<p>14.00 – 16.00 ORAL PRESENTATIONS – ONLINE / SALON-A</p>	
<p>OOP-11</p>	<p><u>Lucia Caputo, Giuseppe Amato, Laura De Martino, Vincenzo De Feo, Filomena Nazzaro</u> <i>ANTI-ENZYMATIC ACTIVITIES AND NEUROPROTECTIVE EFFECTS OF CARVACROL AND P-CYMENE IN SH-SY5Y CELLS</i></p>
<p>OPP-12</p>	<p><u>Alban Ibraliu, M. Rupa</u> <i>THE POST-HARVEST TECHNOLOGY CHALLENGES IN MAPS SECTOR IN ALBANIA</i></p>
<p>OOP-13</p>	<p>Ayşe Nur Koz, Ufuk Özgen, <u>Tuğba Subaş</u>, Merve Badem, Şeyda Kanbolat, Adem Demir, İhsan Çalış <i>PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY STUDIES ON THE UNDERGROUND PARTS OF TRACHYSTEMON ORIENTALIS</i></p>
<p>OOP-14</p>	<p><u>Seckin Engin, Elif Nur Barut</u> <i>EVALUATION POTENTIAL ANTIHYPERGLYCEMIC EFFECTS OF FERULA MERVYNII AND FERULA ORIENTALIS ROOT EXTRACTS</i></p>

OOP-15	<p><u>Dinesh Kumar, Ahmad Ali</u> <i>ANALYSIS OF INTERACTION KINETICS OF ASCORBIC ACID: BSA COMPLEX AND ANTIGLYCATION POTENTIAL</i></p>
OOP-16	<p><u>Fadime Eryilmaz Pehlivan</u> <i>MEDICINAL, ECOLOGICAL AND ECONOMIC POTENTIAL OF MAJOR HALOPHYTES</i></p>
OOP-17	<p><u>Oana Cioanca, Ionut Iulian Lungu, Mihaela Magdalena Flutur, Alina Stefanache, Cornelia Mircea, Cristina Tuchilus, Monica Hancianu</u> <i>SYNTHESIS, STRUCTURE, AND CATALYTIC ACTIVITY OF A NEW ZINC-CATECHIN COMPLEX</i></p>
OOP-18	<p><u>Melisa Öğretici, Sinem Ortaboy</u> <i>BIO-INSPIRED ELECTRODE FABRICATION FOR HIGH PERFORMANCE ENERGY STORAGE SYSTEMS</i></p>
OOP-19	<p><u>Kibar Aras, Melisa Öğretici, Sinem Ortaboy, Elif Çalışkan Salihi, Yeşim Müge Şahin</u> <i>AMINO ACID DERIVED ELECTROSPUNNED ELECTRODES FOR SUPERCAPACITOR APPLICATIONS</i></p>
OOP-20	<p><u>Begumhan Yilmaz Kardas, Serap Dogan, Mehmet Emin Diken, Mikail Acar</u> <i>DEVELOPMENTAL TOXICITY AND IN VIVO GENOTOXICITY OF SALVIA SUFFRUTICOSA METHANOL EXTRACTS</i></p>
16.00 – 17.00	<p>ONLINE POSTER PRESENTATIONS –/ SALON-A</p>

05 MAY 2023, FRIDAY

ON – LINE PRESENTATIONS / SALON-B

CHAIRS: Dr. Kamala BADALOVA & Dr. Youba Raj POKHAREL

09.30-10.30

ON-LINE KEYNOTE SPEAKERS

09.30 – 10.00

Keynote Lecturer: Prof. Dr. Sivaram V. GOWDA

Prsident and CEO of Dr. V. Sivaram Research Foundation, Bangalore
University, Bangaluru, Karnataka, INDIA

*Title: 'National Medicinal Plants Board Boosts Conservation &
Cultivation of Herbs in India'*

10.00 – 10.30

Keynote Lecturer: Prof. Dr. Govind Pratap RAO

Editor in Chief Medicinal Plants, Director Institute of Agriculture & Natural
Sciences DDU Gorakhpur University, INDIA

Title: 'Phytoplasma Diseases associated with Medicinal Plants'

10.30 – 12.00	ORAL PRESENTATIONS – ONLINE / SALON-B
OOP-21	<p><u>Youba Raj Pokharel, Ripu Mardan Kunwar</u> <i>DISTRIBUTION OF SEABUCKTHORN (Hippophae spp. Linn) IN NEPAL</i></p>
OOP-22	<p><u>Nazim Sekeroglu</u></p>
OOP-23	<p><u>Mahmut Camlica, Gulsum Yaldiz, Sedef Ozliman</u> <i>A STUDY ON THE GUM ISOLATION OPTIMIZATION IN DIFFERENT FENUGREEK GENOTYPES</i></p>
OOP-24	<p><u>Sedef Ozliman, Gulsum Yaldız, Mahmut Camlica</u> <i>IMPACT OF ORGANIC AND INORGANIC FERTILIZERS APPLICATION ON THE ANTIBACTERIAL ACTIVITIES OF DILL (ANETHUM GRAVEOLENS L.)</i></p>
OOP-25	<p><u>Glauber Alexandre de Oliveira Freitas, Adrienne Bastos Ferreira, Rosane Moura Aguiar, Jessica Lima de Souza, Hugo Neves Brandão, Franco H.A. Leitte, Bruno C. de Souza, Clayton Queiroz Alves</u> <i>AMBURANA ACREANA DUCKE: SECONDARY METABOLITES AND INHIBITORY POTENTIAL OF BRAZILIAN LEISHMANIASIS</i></p>
OOP-26	<p><u>Kamala Badalova, Gaibverdi Iskandarov, Eldar Garaev, Sara Pashayeva</u> <i>NATURAL COMPOUNDS IN SPECTROPHOTOMETRIC DETERMINATION OF ALUMINIUM</i></p>

CHAIRS: Koula DOUKANI & Nahide Gülşah DENİZ

12.00 – 14.00

ORAL PRESENTATIONS – ONLINE / SALON-B

OOP-27

Koula Doukani, Hasna Bouhenni, Sonia Melab, Bochra Meftah
COMBINED EFFECT OF PROBIOTICS AND TAMARIX GALLICA EXTRACT AGAINST SOME PATHOGENIC STRAINS

OOP-28

Khedim Thinhinan, Addar Adelnader, Azibi Thanina
DIVERSITY OF SOME ORCHIDS SPECIES IN ALGERIA EVIDENCED BY MORPHOMETRIC AND ECOLOGIAL DATA

OOP-29

Cavit Bursa, Beril Kocaman
THE EFFECT OF SALICYLIC ACID ON SOME GROWTH PARAMETERS OF STRAWBERRIES GROWN UNDER DIFFERENT SHADE CONDITIONS

OOP-30

Shelaye Shanka, Gedif Meseret, Krishna Moorthy Sivalingam, Marisennayya Senapathy
ANTIFUNGAL ACTIVITY OF CRUDE EXTRACTS OF GUAVA (PSIDIUM GUAJAVA) LEAVES AND BARK AGAINST FUSARIUM OXYSPORUM; A TOMATO WILT PATHOGEN

OOP-31

Ebru Bati Ay, Beril Kocaman, Muhammed Akif Açıköz
CULTIVATION STUDIES FOR TAURUS SNOWDROP (GALANTHUS ELWESII HOOK.)

OOP-32

Ayşegül İçcan, Nahide Gülşah Deniz, Çiğdem Sayıl
THE SYNTHESIS AND SPECTRAL CHARACTERIZATION OF NOVEL BIOACTIVE QUINONE COMPOUNDS

<p>OOP-33</p>	<p><u>Seda Erdoğan Bayram, Murat İsfendiyaroğlu</u> <i>OPTIMIZATION OF QUALIFIED NURSERY TREE PRODUCTION AND FERTILIZATION RELATIONSHIPS IN MASTIC TREE</i></p>
<p>OOP-34</p>	<p><u>Kaan Kaltalioglu, Sule Coskun-Cevher</u> <i>TRAGOPOGON DSHIMILENSIS K. KOCH EXTRACT INDUCES WOUND CLOSURE IN DIABETIC RATS</i></p>
<p>OOP-35</p>	<p><u>Vasiu A., Spinu M., Zablau S., Olah D., Pall E., Sandru C.D., Secara A., Duca Gh.</u> <i>A COMPARATIVE EVALUATION OF PLANT EXTRACTS' INHIBITING EFFECTS ON PORTED BACTERIA IN PIGS AND SMALL RUMINANTS</i></p>
<p>OOP-36</p>	<p><u>Pall E., Sandru C.D., Spinu M., Duca Gh., Olah D., Marian F., Rusu M., Vasiu A.</u> <i>PLANT SPECIES' DEPENDANT IN VITRO IMMUNE RESPONSE AND CHANGES IN PORTED BACTERIOME IN SMALL VERSUS LARGE RUMINANTS</i></p>

CHAIRS: Ela Nur ŞİMŞEK SEZER & Thanh-Dung NGUYEN	
14.00 – 16.00	ORAL PRESENTATIONS – ONLINE / SALON-B
OOP-37	<u>Hafize Yuca</u> <i>IN VITRO ANTIDIABETIC AND ANTICHOLINESTERASE ACTIVITIES OF VARIOUS PARTS OF SOME SALVIA SPECIES GROWN IN TURKEY</i>
OOP-38	<u>Ela Nur Şimşek Sezer, Tuna Uysal</u> <i>PHENOLIC PROFILE, ANTIOXIDANT AND CYTOTOXIC POTENTIAL OF ETHANOLIC EXTRACTS OF FERULAGO HUMILIS</i>
OOP-39	<u>Mervem Bozkurt, Tuna Uysal, Rahim Ada</u> <i>ITS SEQUENCE ANALYSIS IN CARTHAMUS TINCTORIUS GENOTYPES</i>
OOP-40	<u>Thanh-Dung Nguyen, Thuy-Trang Pham, Van-Du Le, Kieu-Anh Doan, Huu-Thanh Nguyen</u> <i>ISOLATION OF ENDOPHYTIC BACTERIA FROM PINTO PEANUT (<i>Arachis pintoi</i>) IN CAN THO PROVINCE WITH ANTIBACTERIAL ABILITY ON <i>Erwinia</i> spp.</i>
OOP-41	<u>Paola Malaspina, Laura Cornara¹, Federica Betuzzi¹, Emilio Di Gristina, Mariarosaria Ingegneri, Domenico Trombetta, Antonella Smeriglio</u> <i>ANATOMICAL AND PHYTOCHEMICAL COMPARISON BETWEEN LEAVES OF THE RARE SAPONARIA SICULA RAF. GROWING IN TWO DIFFERENT SICILIAN SITES</i>

<p>OOP-42</p>	<p><u>Hatice Banu Keskinkaya</u> <i>TOTAL PHENOLIC CONTENT, ANTIBACTERIAL AND ANTIOXIDANT INVESTIGATIONS OF CYSTOSEIRA FOENICULACEA BROWN MACROALGAE COLLECTED FROM THE MEDITERRANEAN (ANTALYA)</i></p>
<p>OOP-43</p>	<p><u>Gözdenur Yılmaz, İcim Gökkaya, Burak Barut, Gülin Renda</u> <i>BIOACTIVITY-GUIDED FRACTIONATION FOR ENZYME INHIBITORY AND DNA INTERACTION EFFECTS OF PRIMULA AURICULATA LAM.</i></p>
<p>OOP-44</p>	<p><u>Oleksandra Kolesnyk, Angela Kolesnyk, Maryna Kryvtsova, Iván Solomon, Regan Andriana</u> <i>PECULIARITIES OF INTRODUCTION INTO CULTURE IN VITRO SALVIA ROSMARINUS SPENN</i></p>
<p>OOP-45</p>	<p><u>Ulviye Pala, Hülya Yaman, Seyhun Yurdugül</u> <i>INVESTIGATING DIFFERENT COFFEE TYPES ON THE ENZYMES OF BREAD STALING RELEASED BY BAKER'S YEAST</i></p>
<p>OOP-46</p>	<p><u>Muhammed Ashiq Thalappil, Elena Butturini, Alessandra Carcereri de Prati, Ilaria Bettin, Lorenzo Antonini, Filippo Umberto Sapienza, Stefania Garzoli, Rino Ragno, Sofia Mariotto</u> <i>TARGETING STAT3 SIGNALING WITH ESSENTIAL OILS: A POTENTIAL STRATEGY FOR ADJUVANT CANCER THERAPY</i></p>

MESMAP – 9
POSTER PROGRAM

POSTER SESSION

PP – 1	Seher Ersoy, Didem Akkaya, İçim Gökkaya, Burak Barut, Gülin Renda <i>COMPARISON OF ANTIOXIDANT ACTIVITIES OF ROSMARINUS OFFICINALIS L. EXTRACTS AND COMMERCIAL PRODUCTS</i>
PP – 2	Chokri Jeribi, Amel Ben Jalloul, Manef Abderrabba <i>EFFECT OF EXTRACTION CONDITIONS ON BIOACTIVE COMPOUNDS RECOVERY FROM CARDOPATIUM CORYMBOSUM AERIAL PARTS AND FRUITS</i>
PP – 3	Meriem Bouanini, Omar Bendjima, Chaima Ouahab, Nasser Belboukhari <i>PRODUCTION OF SOME PHARMACEUTICAL PRODUCTS BASED ON MEDICINAL PLANTS (MENTHA PULEGIUM AND ARTEMISIA)</i>
PP – 4	Methiye Mancak, Ufuk Koca Çalışkan <i>EVALUATION OF THE USE AND QUALITY OF OLIVE LEAVES SAMPLES IN DIABETES</i>
PP – 5	Nahide Gulsah Deniz, Aysegul Iscan, Cigdem Sayil <i>DESIGN OF SOME BIOACTIVE QUINONE ANALOGUES AS MOLECULAR CANCER AGENTS</i>
PP – 6	V. Nebieridze, A. Skhirtladze, M. Benidze, E. Kemertelidze, A. Cerulli, S. Piacente <i>CARDENOLIDE GLYCOSIDES FROM ROOTS OF CYNANCHUM ACUTUM L. GROWING IN GEORGIA</i>

PP – 7	Tawfiq Amar, Amal Helali, Nazim Bellifa, Mustapha Kamel Dali-yahia <i>ETHNOBOTANICAL STUDY, PHENOLIC CONTENT, AND IN VITRO ASSESSMENT OF UROLITHIC ACTIVITY OF <i>Petroselinum crispum</i> (Mill.) EXTRACTS – ALGERIA</i>
PP – 8	Onur Kenan Ulutas, Tuğba Günbatan <i>MANAGING MEDICINAL AND AROMATIC PLANT RESULTS: A COMPREHENSIVE DATABASE FOR PHARMACEUTICAL AND TOXICOLOGICAL ANALYSIS</i>
PP – 9	Merve Has, Fatma Pınar Türkmenoğlu <i>ANATOMICAL AND ULTRASTRUCTURAL INVESTIGATIONS ON <i>HYPERICUM HETEROPHYLLUM</i> VENT</i>
PP – 10	Irmak Alev, Murat Kartal, Ebru Özdemir Nath <i>THE CHEMICAL COMPOSITION OF <i>JUNIPERUS OXYCEDRUS</i> AND TRADITIONAL USES OF JUNIPER SPECIES GROWN IN TURKEY</i>
PP – 11	Diren Ergin, Ebru Özdemir Nath, Murat Kartal <i>TRADITIONAL USE OF <i>SIDERITIS TROJANA</i> AND ITS ANTI-INFLAMMATORY EFFECT</i>
PP – 12	Fatma Alia, Yacine Bouras, Khaoula Segueni, Anis Ben Ali <i>PHYTOCHEMICAL STUDY, NUTRITIVE VALUE AND ANTIOXIDANT ACTIVITY OF PHENOLIC EXTRACTS FROM DESERT PLANT <i>HALOXYLON ARTICULATUM</i> BIoSS.</i>
PP – 13	Sümeyye Ayhan, Merve Yüzbaşıoğlu-Baran, Seren Gündoğdu, Hasan S. Yusufoglu, Ayşe Kuruüzüm-Uz <i>A TRITERPENE FROM <i>LAVANDULA STOECHAS</i> L. LEADS TO SIGNIFICANT ALPHA-GLUCOSIDASE ENZYME INHIBITORY ACTIVITY</i>

PP – 14	<u>Emine Yıldız, Merve Has, Mine Kürkçüođlu, Fatma Pınar Türkmenođlu</u> <i>CHEMICAL CHARACTERIZATION OF ESSENTIAL OIL COMPONENTS OF HYPERICUM L. SPECIES GROWING IN TURKEY</i>
PP – 15	<u>Fadime Eryılmaz Pehlivan</u> <i>DIPLOTAXIS TENUIFOLIA (L.) DC: AN IMPORTANT HONEYBEE PLANT WITH VARIOUS ECOLOGICAL AND BIOLOGICAL ROLES</i>
PP – 16	<u>Melisa Öđretici, Sinem Ortaboy</u> <i>L-PROLINE-SUPPORTED NANOCOMPOSITES IN ELECTRODE FABRICATION FOR HIGH ENERGY STORAGE SYSTEMS</i>
PP – 17	<u>Kibar Aras, Melisa Öđretici, Sinem Ortaboy, Elif Çalıřkan Salihi, Yeřim Müge řahin</u> <i>EFFECT OF ELECTROSPINNING PARAMETERS ON ELECTRODE PERFORMANCE FOR ENERGY STORAGE APPLICATIONS</i>
PP – 18	<u>Nurten Abacı Kaplan, Rahmancan Yurduseven, İlkaı Erdogan Orhan</u> <i>IN VITRO ASSESSMENT OF NEUROBIOLOGICAL EFFECTS OF COMMERCIAL COCOA POWDER SAMPLES FROM TÜRKİYE</i>
PP – 19	<u>İpek Süntar, Mürřide Ayře Demirel, Kevser Taban Akça, Ali Osman Çeribaři, Hasya Nazlı Gök, Gülsüm Metkin</u> <i>ASSESSMENT OF THE PREVENTIVE ACTIVITY OF Pinus brutia TEN. AGAINST IN VIVO ACUTE LUNG INJURY MODEL</i>
PP-20	<u>Fatma Pınar Türkmenođlu, Gözde Öztürk, Burak Temiz, Hale Gamze Ađalar</u> <i>PHENOLIC COMPOUNDS, ANTIOXIDANT, ENZYME INHIBITORY AND ANTIMICROBIAL ACTIVITIES OF LIMONIUM CASPIUM</i>

PP- 21	Ahmet Özkan, Kuddisi Ertuğrul, Ela Nur Şimşek Sezer <i>EVALUATION OF ANTIOXIDANT CAPACITY AND TOTAL PHENOLIC CONTENT OF DIFFERENT DORYCNIUM SANGUINEUM EXTRACTS</i>
PP- 22	Fatma Sezer Senol Deniz, Gokcen Eren, Ilkay Erdogan Orhan <i>SCREENING OF SOME PLANT-DERIVED COMPOUNDS AGAINST ENZYMES ASSOCIATED WITH ALZHEIMER'S DISEASE BY IN VITRO AND IN SILICO METHODS</i>
PP-23	Khedim Thinhinan, Azibi Thanina <i>AN ANNOTATED CHECKLIST OF THE ENDEMIC ALLIUM SPECIES IN THE MEDITERRANEAN REGION: TAXONOMIC REMARKS AND EVOLUTIONARY TRENDS</i>
PP- 24	Gülbeyaz Altunboğa, Kevser Taban, Ufuk Özbek, İpek Süntar, Berrin Özçelik <i>ANTIMICROBIAL ACTIVITY AND ANTI-BIOFILM EFFECTS OF SOME MEDICINAL PLANT EXTRACTS</i>
PP- 25	Kübra Uzun, Ruziye Daşkin, Funda N. Yalçın <i>INVESTIGATION ON CYTOTOXIC ACTIVITY OF CENTAUREA DRABIFOLIA SSP. FLOCCOSA</i>



9MES MAP



TALYA

Qaks
cosmetic

pharmateks
LAÇ VE KİMYA SANAYİ

SEKA PARKAŞ.
TÜRK ANADOLU İHTİSAP VE İÇTİCİLİK İNŞAAT VE GÜZELLİKLER SEKTÖRÜ

