

MESMAP – 2013
SCIENTIFIC ORAL PROGRAM

17 APRIL 2013, WEDNESDAY	
10.00 – 11.00	Opening Ceremony
11.00 – 11.20	COFFEE BREAK
11.20 – 12.00	Keynote Speaker: Vincenzo DE FEO (Italy) V. De Feo, Laura De Martino, Emilia Mancini Medicinal plants and the development of new drugs
12.30 – 14.00	LUNCH
SESSION – I	
CHAIRPERSONS: Emine BAYRAM & Milen GEORGIEV	
14.00 – 14.30	Invited Lecture: Bilge ŞENER (Turkey) B. Şener, İ. Erdoğan Orhan Innovative utilization of bioresources for novel drug candidates
14.30 – 15.30	ORAL PRESENTATIONS
OP-1	Z. Dajić Stevanović, M. Stanković, M. Petrović Survey of plants of saline habitats as a source of biologically active compounds
OP-2	E. Sofic Accidental fatal ingestion of colchicine containing leaves from autumn crocus, <i>Colchicum autumnale</i> L. (Liliaceae): Three cases report from Bosnia and Herzegovina
OP-3	N. A. Saliba The American University of Beirut-Nature Conservation Center: A successful diversified and decentralized approach towards nature conservation
OP-4	M. Arslan, İ. Üremis, A. Tınmaz, F. Uysal, M. Tutar, N. Çınar Interspecific hybridization of five economically important <i>Oregano</i> species
15.30 – 16.00	COFFEE BREAK
SESSION - II	
CHAIRPERSONS: Ivan SALAMON & Saliha KIRICI	
16.00 – 16.30	Invited Lecture: Asaad KHALID (Sudan) Discovery of drugs from medicinal plants – The road to El Dorado
16.30 – 17.30	ORAL PRESENTATIONS
OP-5	R. Belhattab, A. Harrar Evaluation of antioxidant and antimicrobial activities from <i>Rhamnus alaternus</i> L.
OP-6	Ö. Özden, T. Emirzade Critically Endangered <i>Salvia</i> Species In Cyprus
OP-7	Y. Yalçın Mendi, Y. Aka Kaçar, T. İzgü, Ö. Şimşek, P. Çürük, F. Aslan, M. Boncuk Morphological and molecular characterization and <i>in vitro</i> preservation of <i>Cyclamen</i> species grown naturally in Turkey
OP-8	S. A. Sargın, E. Akçiçek An ethnobotanical study on plants used by the local people of Alaşehir (Manisa) in Turkey
17.30 – 18.30	POSTER SESSION - I
19.00 – 21.00	WELCOME COCTAIL (KAYA ARTEMIS HOTEL)

18 APRIL 2013, THURSDAY

SESSION – III

CHAIRPERSONS: Bilge ŞENER & Zora DAJIC-STEVANOVIC

09.00 – 09.30	Invited Lecture: Raman DANG (India) <i>Stevia</i> plant uptake and determination of heavy metals in acid soil condition from cultivated zone of south India
09.30 – 10.30	ORAL PRESENTATIONS
OP-9	<u>E. Moré</u>, R. Melero, A. M. Barata, V. Lopes, F. Rocha, J. Radusiene, H. Cetinkaya, N. Sekeroglu Considerations on the state of the art and training of medicinal and aromatic plants sustainable wild harvesting
OP-10	<u>N. Nuaimi</u>, N. Y. Yassen, O. Fakhri Sa'eed Antimutagenic effect of green and black tea extracts on different tumor cell lines <i>in vitro</i>
OP-11	<u>E. A. Abu-Basha</u>, A. M. Soliman, W.H. Hsu Evaluation of antidiabetic activity of some Jordanian medicinal herbs
OP-12	<u>D. Arslan</u>, E. Bayram Effect of different sowing dates and row spacings on yield and quality characteristics of chamomile (<i>Matricaria recutita</i> L.) cultivars at Yalova ecological conditions
10.30 – 11.00	COFFEE BREAK

SESSION – IV

CHAIRPERSONS: Monica HANCIANU & Bilal GÜRBÜZ

11.00 – 11.30	Invited Lecture: Kazimierz GLOWNIAK (Poland) Application of counter-current chromatography for the isolation of coumarins from Polish medicinal plants from the Apiaceae family
11.30 – 12.30	ORAL PRESENTATIONS
OP-13	<u>A. Chbani</u>, H. Mawlawi, L. Zaouk Brown seaweed; <i>Padina pavonica</i> as biostimulant of plant growth and development in horticultural biodegradable support
OP-14	<u>G. Cetinkaya</u> Is marketing of medicinal and aromatic plants fair? Lessons from Köprülü Kanyon National Park, Turkey
OP-15	<u>A. A. M. Siribel</u>, S. A. Mekki Effect of chicken manure, soil type and salinity on growth and yield of spearmint (<i>Mentha spicata</i> L.) grown in Sudan
OP-16	<u>M. Zafar</u>, M. Ahmad, M. A. Khan, S. Sultana Medicinal plant biodiversity in salt range region of Punjab, Pakistan
12.30 – 14.00	LUNCH

SESSION – V

CHAIRPERSONS: Raman DANG & Biljana BAUER

14.00 – 14.30	Invited Lecture: İhsan ÇALIŞ (The Northern Cyprus) Caffeic acid derivatives: Phenylpropanoid, phenylethanoid glycosides
14.30 – 15.45	ORAL PRESENTATIONS
OP-17	<u>M. Sari</u>, N. Hendel, A. Boudjelal, D. Sarri Contribution to the knowledge of the folk uses of medicinal plants in Hodna region (M'sila, Algeria)
OP-18	<u>F. Ayanoğlu</u>, D. A. Kaya, A. Mert, E. Köse

	Determination of quality aspects and selection of native grown laurel (<i>Laurus nobilis</i> L.) in Hatay province of Turkey
OP-19	J. Rmili, B. Satrani, M. Ghanmi, A. Chaouch Recovery and characterization of chemical and oil essential microbiologique <i>Origanum elangatum</i> and <i>O. compactum</i> of Morocco
OP-20	B. Coşge Şenkal, A. İpek, B. Gürbüz, A. Türker, Ü. Bingöl, A. Yıldırım, K. A. Pour Rezaeieh, E. K. Arabbaghi The chemical compositions of essential oil and antibacterial activities of <i>Salvia tomentosa</i> L. grown in Turkey
OP-21	A. M. Daneshian, A. R. Khanizadeh, M. Alipour Comparison of essential oil ratio in some cultivated medicinal plants with wild species
15.45 – 16.00	COFFEE BREAK
SESSION – VI	
CHAIRPERSONS: Mohammad HMAMUCHI & Saadet TUGRUL AY	
16.00 – 16.30	Invited Lecture: Çimen KARASU (Turkey) Cellular redox regulation by olive and pomegranate extracts accompany to cardioprotection and neuroprotection
16.30 – 17.45	ORAL PRESENTATIONS
OP-22	I. Salamon, D.Grulova Lyophilisation process as a modern technique for isolation natural substances
OP-23	H. El Monfalouti, C. Denhez, B. Kartah, H. Harhar, S. Gharby, P. Clivio, Z. Charrouf, D. Guillaume Preventive <i>in vitro</i> study of DNA photodamage by argan oil
OP-24	F. S. Şenol, T. Günbatan, N. Öztürk, İ. Gürbüz, İ. Orhan <i>In vitro</i> estimation of neurobiological effects of <i>Phlomis grandiflora</i> H.S. Thompson (Lamiaceae) and HPLC characterization of its main extracts
OP-25	C. Rahmoune, A. Benabdallah Essential oils of <i>Mentha pulegium</i> and <i>Mentha rotundifolia</i> from the humid area of Algerian Northern East
OP-26	A. M. Alnour, O. El Shiek, M. E. A. Omer, A. Z. Almagboul, O. E. Elamin <i>In vitro</i> antimicrobial activity of fruits crude extracts of <i>Anogeissus leiocarpus</i> (DC.) GILL. and PERR.
17.45 – 18.30	POSTER SESSION - II
17.30 – 18.30	BUSINESS SESSION
17.30 – 18.30	MAPs ORGANISATIONS SESSION

19 APRIL 2013, FRIDAY	
SESSION – VII	
CHAIRPERSONS: Nouredine DJEBLI & Muhsin KONUK	
09.00 – 09.30	Invited Lecture: Erdal BEDİR (Turkey) Secondary metabolites from Turkish <i>Astragalus</i> species and their bioactivities
09.30 – 10.30	ORAL PRESENTATIONS
OP-27	<u>E. Diraz</u>, <u>Ş. Karaman</u>, <u>A. İlçim</u>, <u>L. Tutar</u> Melatonin contents of two wild <i>Tanacetum</i> species from Kahramanmaraş, Turkey
OP-28	<u>C. Selles</u>, <u>N. Djabou</u>, <u>M. A. Dib</u>, <u>O. Benali</u>, <u>B. Tabti</u>, <u>A. Muselli</u>, <u>J. Costa</u>, <u>B. Hammouti</u> Essential oils from the aerial parts of <i>Anacyclus pyrethrum</i> L., species growing in the Northern West of Algeria
OP-29	<u>E. Arı</u>, <u>A. Topuz</u>, <u>Z. Suludere</u> A new potential nutraceutical plant for Turkey: <i>Vaccaria hispanica</i> (Mill.) Rauschert
OP-30	<u>N. Darwiche</u>, <u>A. Ghantous</u>, <u>M. Saikali</u>, <u>R. Tohme</u>, <u>N. El-Najjar</u>, <u>M. El-Sabban</u>, <u>S. Talhouk</u>, <u>N. Saliba</u>, <u>H. Gali-Muhtasib</u> Plants from the Eastern Mediterranean with potent anticancer properties
10.30 – 11.00	COFFEE BREAK
SESSION – VII	
CHAIRPERSONS: Vincenzo DE FEO & Bektaş TEPE	
11.00 – 11.30	Invited Lecture: Milen GEORGIEV (Bulgaria) Treasure from garden: Metabolomics, Pharmacognosy and biotechnology of <i>Verbascum</i> spp.
11.30 – 12.30	ORAL PRESENTATIONS
OP-31	<u>H. İ. Yıldırım</u>, <u>M. Kargioğlu</u>, <u>M. Konuk</u> The ethnobotanical features of some natural plants used by the people in Alanya and Gazipaşa (Antalya)
OP-32	<u>M. Sheidai</u>, <u>Z. Noormohammadi</u> Biodiversity of wild olive in Iran: genetic, cytogenetic and morphological diversity
OP-33	<u>I. Süntar</u>, <u>E. Küpeli Akkol</u>, <u>T. Mert Gönenc</u>, <u>T. Fafal Erdoğan</u>, <u>H. Keleş</u>, <u>B. Kivçak</u> Anti-inflammatory and wound healing activities of <i>Campanula lyrata</i> Lam. subsp. <i>lyrata</i>
OP-34	<u>N. Mansouri</u>, <u>B. Satrani</u>, <u>M. Ghanmi</u>, <u>L. El Ghadraoui</u> Chemical composition and antimicrobial activity of essential oils of species of Moroccan juniper
12.30 – 14.00	LUNCH
SESSION – VIII	
CHAIRPERSONS: Mehmet ÖZASLAN & Turhan BAYKAL	
14.00 – 14.30	Invited Lecture: Mohammad HMAMOUCI (Morocco) From plants in the Arab and Africa to medicines in the north: Bioprospecting, research / development, benefit sharing, conservation, and legislation
14.30 – 15.30	ORAL PRESENTATIONS
OP-35	<u>M. Ansari</u>, <u>F. Sharififar</u> New formulation techniques of old herbal medicines
OP-36	<u>S. Özcan</u>, <u>C. Karaoğlu</u>, <u>D. Gürlek</u>, <u>D. Doğan-Kalyoncu</u>, <u>İ. Parmaksız</u>, <u>S. F. Özcan</u>, <u>A. İpek</u>, <u>S. Mirici</u>, <u>S. Çöçü</u>, <u>E.O. Sarıhan</u>, <u>A. Gümüüşçü</u>, <u>S. Onarıcı</u>, <u>C. Sancak</u>, <u>S. Uranbey</u>, <u>B. Gürbüz</u>, <u>N. Arslan</u>

	Use of immature embryos for in vitro micropropagation of endangered geophytes
OP-37	<u>B. Kartah</u>, H. El Monfaloutia, H. Harhar, S. Gharby, Z. Charrouf, D. Guillaume, G. Zeppa Volatile compound formation during argan kernel roasting
15.30 – 16.00	COFFEE BREAK
SESSION – IX	
CHAIRPERSONS: Jutta Ludwig MÜLLER & Asaad KHALID	
16.00 – 16.30	Invited Lecture: Mohammed KAMIL (UAE) Quality control & standardization of herbal medicinal plants & products; from field to firm
16.30 – 17.15	ORAL PRESENTATIONS
OP-38	<u>F.N. Mudau</u> Effect of dry methods on chemical compositions of bush tea
OP-39	<u>F. Farahvas</u> , M. Farzanian, B. Mirshekari Evaluation of yield and essence in <i>Echinacea purpurea</i> to application of zinc sulphate under drought stress
OP-40	<u>B. Mirshekari</u>, S. B. Kouchebagh, F. Farahvash, H. K. Arbat, F. R. Khoei Seed germination and yield of tomato (<i>Lycopersicum esculentum</i> Mill.) as affected by biophysical priming techniques
17.15 – 17.30	CLOSING CEREMONY
19.00 – 20.00	TOUR TO EASTERN MEDITERRANEAN UNIVERSITY (EMU)
20.00 – 23.00	GALA DINNER AT EMU BEACH CLUB

MESMAP – 2013, POSTER PROGRAM

17-18-19 APRIL 2013	
TOPIC – I: Agriculture & Botany	
PP-1	<u>A. R. Munteanu</u> Assessing the potential of medicinal and aromatic plant cultivation as a rural development strategy in Romania
PP-2	<u>A. A. Al-Watban, A. R. Doiagey, U. Ikram</u> Floral epidermal characters of three species of genus <i>Salvia</i> growing naturally in the Kingdom of Saudi Arabia
PP-3	<u>A. Cınar</u> Protection and cultivation of medicinal and aromatic plants in West Mediterranean Region in Turkey
PP-4	<u>A. Ibraliu, N. Kadiasi, F. Elezi</u> Assessment of morphological variation in <i>Hypericum perforatum</i> L. of Albania
PP-5	<u>G. Sarıkamış, E. A. Kaynaroğlu</u> Effect of salinity stress on the glucosinolate content of broccoli sprouts (<i>Brassica oleracea</i> var. <i>italica</i>)
PP-6	<u>A. Karasakal, G. Şeren, Y. Kalebaşı</u> Gfaas determination of ultratrace quantities of Se in environmental samples by using Mg/Pd modifier
PP-7	<u>A. Karasakal, G. Şeren, Y. Kalebaşı</u> Investigation of selenium in sunflower samples by graphite furnace atomic absorption spectrometry
PP-8	<u>A. Kaya, K. Benkli, T. Koparal</u> Morpho-anatomical, palynological and seed surface properties of <i>Astragalus microcephalus</i>
PP-9	<u>A. Kaya, F. Satıl, M. Aslan</u> Seed morphology of <i>Hyoscyamus</i> in Turkey and its systematic significance
PP-10	<u>A. Rafati, A. RazbanHagigi, Y. Imani, A. Talebpoor</u> Study of essential oil quantitative variation in <i>Nepeta crassifolia</i> in nature and cultivated condition in four areas of Arasbaran forests
PP-11	<u>B. (Sağlam) Karabuk, K. Kevseroglu</u> The effects of nitrogen fertilization and sowing methods on agricultural and quality of poppy (<i>Papaver somniferum</i> L.) variates
PP-12	<u>D. Hashemabadi, M. R. Shafiei, M. N. Khatibi, B. Kaviani, M. Zarchini</u> Effect of eryngo extract and 8-hydroxyquinoline sulphate on the vase life of cut <i>Chrysanthemum morifolium</i> L.
PP-13	<u>D. Pavlova, I. Karadjova</u> Toxic elements profiles in selected medicinal plants growing on serpentines in Bulgaria
PP-14	<u>E. Tulukcu</u> The effects of varying nitrogen doses on yield and some yield components of black cumin (<i>Nigella sativa</i> L.)
PP-15	<u>E. Dadaşoğlu, F. Dadaşoğlu, A. Varmazyari, R. Kotan, R. Çakmakçı</u> Effect of vermicompost, solid and liquid organic fertilizer and biological fertilizer applications on the growth and chlorophyll contents of mountain tea (<i>Sideritis montana</i> L.)
PP-16	<u>M. Ç. Bulut, C. Yüksel, A. Ergül, F. Avanoğlu</u> Molecular characterization of laurel (<i>Laurus nobilis</i> L.) populations using simple sequence repeat (SSRS)
PP-17	<u>G. Özer, H. Bayraktar, E. Oksal</u> Genetic diversity of <i>Fusarium oxysporum</i> isolates associated with <i>Cuminum cyminum</i> in

	Turkey
PP-18	<u>G. Özer, H. Bayraktar, E. Oksal</u> Preliminary studies on determination of fungal pathogens affecting cummin production of Turkey
PP-19	<u>G. Yıldız</u> Total soluble solid, saccharose, fructose and glucose contents of <i>Physalis peruviana</i> L. grown in different fertilizer application
PP-20	<u>G. Yıldız, G. Demirkol, A. Soltanbeigi</u> A research of antimicrobial effects of <i>Oenothera biennis</i> L. grown in different fertilizer application
PP-21	<u>R. Toker, M. Gölükcü, H. Tokgöz</u> The effects of distillation time on essential oil composition of <i>Origanum minutiflorum</i> O. Schwarz et P.H. Davis
PP-22	<u>H. Amiri</u> The effect of different treatments on seeds dormancy and germination of <i>Satureja khuzistanica</i> JAMZAD
PP-23	<u>H. Bayraktar, G. Özer, E. Oksal</u> Phylogenetic analysis of <i>Alternaria</i> spp. and related fungi associated with cummin blight based upon analysis of nuclear its and Alt A 1 Gene sequences
PP-24	<u>H. Maral, H. Taghikhani, A. Kaya, S. Kırıcı</u> The effect of different levels of altitudes on composition and content of essential oils of <i>Ziziphora clinopodioides</i> in Southern of Turkey
PP-25	<u>Z. Eroglu, H. Kavuncuoglu, H. Yalcin, E. Tulukcu</u> The effect of harvesting time on lavender aromatic compounds
PP-26	<u>H. Taghi Khani, S. Horuz, S. Kirici, Y. Aysan, N. E. Kafkas</u> Changing of the essential oil composition in basil (<i>Ocimum basilicum</i> L.) by applying different bacterial isolates
PP-27	<u>N. Şekeroğlu, H. G. Gözüaçık, E. Uurlu, M. Kulak</u> Mineral content change of <i>Coriandrum sativum</i> L. grown under water deficit conditions
PP-28	<u>İ. Koşar, İ. Alsan, A. Özel, M. Saraçoğlu, A. Coşkun, Ü. Atay</u> Determination of yield and some agronomic characters on variety and populations of cummin (<i>Cuminum cyminum</i> L.) in Harran plain under dry conditions
PP-29	<u>İ. Koşar, M. Saraçoğlu, A. Özel, İ. Alsan, A. Coşkun, Ü. Atay</u> Determination of yield and some agronomic characters on populations of black cummin (<i>Nigella sativa</i> L.) in Harran plain under dry conditions
PP-30	<u>J. Sandor, I. Salamon</u> The pesticide residue determination of lemon balm (<i>Melissa officinalis</i> L.)
PP-31	<u>M. Boussaid</u> Genetic diversity and essential oil variation in Tunisian medicinal and aromatic plants
PP-32	<u>M. A. Osman, F. A. Husein, A. A. Abdalla</u> Performance of selected medicinal plants grown at two levels of soil salinitys
PP-33	<u>M. Amirinejad, G. A. Akbari, A. Baghizadeh, I. Allahdadi, M. Shahbazi</u> Effects of Zn and Fe foliar application on yield, yield component and some physiological traits of cummin (<i>Cuminum cyminum</i> L.) under water stress
PP-34	<u>M. Saberi, A. Sarpeleh, H. Askary</u> Soil-borne disease management by wood vinegar as organic production
PP-35	<u>M. Arslan, F. Ayanoglu, İ. Üremis, D. A. Kaya</u> Cultivation possibility of <i>Salvia tomentosa</i> and <i>Salvia aramiensis</i> in the Eastern Mediterranean region
PP-36	<u>M. Basbag, O. Tancer, S. Basbag</u> Effects of different temperatures and duration on germination of caper (<i>Capparis ovata</i>) seeds

PP-37	<u>M. M. Ertuş</u>, C. O. Sabanci, S. Şensoy The determination of molecular diversity among some lucerne (<i>Medicago sativa</i> L.) cultivars use RAPD
PP-38	<u>M. S. Odabas</u>, E. Ergun, G. Kayhan, O. Caliskan, C. Çırak, A. O. Sarı, T. Markovic, N. Senyer, T. M. Büyükakkaslar Artificial neural network approach to prediction of the <i>Origanum</i> leaf area
PP-39	E. Aydın, K. Kevseroglu, <u>M. S. Odabas</u> Determination of yield, yield components and quality criteria in safflower (<i>Carthamus tinctorius</i> L.) cultivars under the Samsun ecological conditions
PP-40	<u>M. Yarnia</u>, M. Soltani Effects of salicylic acid on some morphological and physiological traits of sweet basil (<i>Ocimum basilicum</i> L.) in different irrigation levels
PP-41	<u>M. Ozguven</u>, A. Soltanbeigi, S. Yahn, T. Caliskan, P. Eroglu, G. Yaldız, N. Sekeroglu The study of the various rosemary varieties volatile oil amounts and antioxidant activities in different harvests on fertile and marginal lands
PP-42	M. Aćimović, S. Oljača, <u>Z. Dajić</u>, M. Oljača, J. Vučković Effect of biofertilizers, organic manure and chemical NPK fertilizer on the growth and yield parameters of dill (<i>Anethum graveolens</i> L.)
PP-43	<u>M. B. Khorshidi Benam</u>, K. Joodi, A. A. GhaziJahani, M. Yarnia Effect of water deficiency and nitrogen application on <i>Withania somnifera</i> L. extracts and root yield in Tabriz region
PP-44	A. Özkan, <u>M. Kulak</u>, F. Karahan Agricultural and chemical properties of sesame cultivars (<i>Sesamum indicum</i> L.) under drought conditions
PP-45	H. Çetinkaya, S. Demir, <u>M. Kulak</u>, H. G. Gözüaçık An assessment of tolerance to salinity of some olive cultivars based on phenolic contents, protein and chlorophyll contents
PP-46	R. El-Oqlah, H. Z. Ghosheh, <u>M. A. Turk</u> Effect of the amino acids phenylalanine, ornithine and tryptophan on growth and chemical constituents of rosemary
PP-47	<u>N. Ben Fadhel Najeh</u>, A. Sanaa, M. Boussaid Variation of essential oils in Tunisian <i>Pancreatium maritimum</i> L.
PP-48	<u>N. Hosseini</u> Investigation of input energy efficiency in medicinal plant of jujube tree (<i>Zizyphus jujuba</i> Mill.) farming in South Khorasan region
PP-49	M. Kulak, M. A. Çelik, <u>N. Şekeroğlu</u>, A. Özkan, H. Çetinkaya Geographical information system (GIS)-based evaluation of geographical factor effects on fatty acid composition and oil yield of <i>Olea europea</i> L.
PP-50	<u>N. Nikolov</u>, D. Pavlova Phenological observations on <i>Ex-situ</i> collection of serpentine plants on the territory of the Botanical Garden, Bulgarian Academy of Sciences
PP-51	R. Nnzeru, P. Tshikhudo, K. Ntushelo, <u>N. M. Fhatuwani</u> Bacterial species isolated from six species of medicinal plants collected from South Africa
PP-52	<u>O. Arabacı</u>, T. Esetlili, İ. İ. Özcan, H. Eşbah Tunçay The yield and quality characteristics of some thyme (<i>Thymbra spicata</i> L.) populations
PP-53	<u>P. Hamidi</u>, S. Torabi, A. Maroufi The importance medicinal and food in <i>Amaranthus retroflexuse</i>
PP-54	<u>R. Cakmakçı</u>, Y. Ertürk, A. Varmazyari, M. Kutlu, A. Haznedar, R. Sekban Effect of biological fertilizer applications on the growth and macro- and micro-nutrient concentrations of tea (<i>Camellia sinensis</i> L.)
PP-55	<u>R. Çakmakçı</u>, Ü. Erdoğan, Y. Erdoğan, E. Mete

	Variation of essential oil yield and composition of <i>Satureja spicigera</i> (C. Koch) Boiss. aerial parts during different stages of plant growth
PP-56	R. R. Akçalı Giachino, A. B. Avcı Genetic diversity of Turkish accessions of <i>Vitex agnus-castus</i> based on RAPD markers
PP-57	R. Bahtiyarca Bağdat, M. Kürkçüoğlu, N. Çinkaya, N. Arslan, K.H.C. Başer The essential oil components of <i>Cyclotrichium origanifolium</i> (Labill.) Manden. et Scheng. (Lamiaceae) cultivated under Ankara ecological conditions
PP-58	S. Tuğrul Ay, K. Turgut Determining of agronomic and quality characteristics of sage (<i>Salvia</i> spp.) species in the flora of Antalya
PP-59	S. Hazrati, Z. Tahmasebi Sarvestani Effect of nitrogen and benzyl adenine on physical and chemical characteristics of <i>Aloe barbadensis</i>
PP-60	S. Shaheen Taxonomic and pharmacological evaluation of some herbal drugs of Punjab, Pakistan
PP-61	S. Huseinovic, A. Copra-Janicijevic, D. Vidic, E. Sofic, K. Kalcher Effect of drying and raw materials size of <i>Mentha piperitae</i> and <i>Mentha arvensis</i> herbs on yield of essential oil
PP-62	S. Öztürk, Ö. Ergen Akçin, Y. Akçin The morphological and anatomical properties of phytoestrogen plant <i>Trifolium pratense</i> L. (Fabaceae)
PP-63	S. Öztürk, Ö. Ergen Akçin, Y. Akçin The micromorphological properties of phytoestrogen plant <i>Trifolium pratense</i> L. (Fabaceae)
PP-64	T. Anjum, N. Akhtar Use of plant essential oil to control blue mold decay in citrus
PP-65	T. Karadeniz, M. Erdem Determination of genotypes wind prickly pear (<i>Opuntia ficus-indica</i>) grown in Mersin
PP-66	Z. Noormohammadi, M. Sheidai Biodiversity in Iranian pomegranate: Cytological and molecular analyses
TOPIC – II: Phytochemistry & Bioactivity	
PP-67	A. A. Al-Askar <i>In vitro</i> antifungal activity of three Saudi plant extracts against some phytopathogenic fungi
PP-68	A. Benhouda, M. Yahia, D. Benhouda, N. Bousnane, A. Ghachem, S. Benbia, N. Hannachi <i>In vitro</i> antimicrobial and antioxidant potential of various extracts of <i>Hyoscyamus albus</i> L. (Solanaceae) and <i>Umbilicus rupestris</i> L. (Crassulaceae) leaves
PP-69	A. Makhloufi, I. Boucha, R. Mouissi, R. Bellali, L. Benlarbi, L. Mebarki, M. M. Akermi Phytochemical screening and antimicrobial activities of essential oil and crude extracts from <i>Artemisia herba-alba</i> Asoo growing wild in Bechar, South West of Algeria
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