

**The Second Mediterranean Symposium on
Medicinal and Aromatic Plants**

**MESMAP - 2
PROGRAM BOOK**

April 22nd – 25th, 2015

Antalya - TURKEY

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MESMAP – 2
ORAL PROGRAM

22 APRIL 2015, WEDNESDAY

10.00 – 11.00	OPENING CEREMONY
11.00 – 11.20	COFFEE BREAK
11.20 – 12.00	Keynote Speaker: Current trends in the production and utilization of medicinal and aromatic plants Ákos Máthé
12.30 – 14.00	LUNCH
SALON A / SESSION – I	
CHAIRPERSONS: Monica Hancianu & Ali Osman Sari	
14.00 – 15.30	ORAL PRESENTATIONS
OP-1	<u>Zora Dajic Stevanovic, Dejan Pljevljakusic, Marina Sokovic, Jasmina Glamoclija, Milan Stankovic, Dragana Rancic, Ivana Todorovic, Milica Petrovic, Milan Gavrilovic, Pedja Janjackovic</u> Essential oil of the halophyte <i>Artemisia santonicum</i> : tissue localization, chemical characterization and biological activity
OP-2	<u>Ivan Salamon</u> Isolation of natural preparations from medicinal plants

OP-3	<p><u>Hasan Yusufoglu, Gamal A. Soliman, Rehab F. Abdel-Rahman, Özgen Alankuş- Çalışkan</u> The potential hepatoprotective and antioxidant activities of <i>Astragalus subrobustus</i> and <i>Astragalus woronowii</i> ethanolic extracts against paracetamol induced liver damage in rats</p>
OP-4	<p><u>Mohammed Rais Mustafa, Suresh Kumar Ananda Sadagopan, Chung Yeng Looi, Mohadeseh Hasanpourghadi, Aditya Arya</u> Vernodaline induce apoptosis in breast cancer cells through activation of forkhead box transcription factor, FOXO3A</p>
OP-5	<p><u>P. Praveen SriKumar and B. Sandhya Rani</u> Phytochemical investigation and <i>in vitro</i> preliminary antimutagenic studies on ethanolic extract (EtOH) of aerial parts of <i>Leucas diffusa</i>. Benth</p>
OP-6	<p><u>Ehab A. Abu-Basha, Karem H. Al-Zoubi, Maram W. Al Smaday, Ahmed M. Soliman, Walter H. Hsu</u> Effect of <i>Cerotonia siliqua</i> and <i>Peganum harmala</i> extracts on blood glucose level of normal and diabetic rats</p>
SALON B / SESSION – I	
CHAIRPERSONS: Takashi Watanabe & Mahesh Burande	
14.00 – 15.30 ORAL PRESENTATIONS	
OP-7	<p><u>Zohara Yaniv Bachrach</u> Traditional medicine in ethnic communities in Israel: The effect of geography and culture</p>

OP-8	<u>Mustafa Yipel, Fulya Altinok Yipel, İbrahim Ozan Tekeli</u> Mediterranean medical plants used in ethnoveterinary medicine in Turkey
OP-9	<u>Sanchit Misra</u> A need for having a re-look at the terms of quality assessment of Ayurvedic
OP-10	<u>Jasna Jablan, Suzana Ćinić</u> Croatian folk medicine books in modern phytopharmacy
OP-11	<u>Fahed Loyal, El Beyrouthy Marc, Ouaini Naim, Eparvier Veronique, Didier Stien</u> Chemical analysis, antimicrobial activity & ethnopharmacology of Lebanese conifers
OP-12	<u>Laima Šveistytė, Birutė Markevičienė, Raimondas Baltrėnas</u> Long term conservation of medicinal and aromatic plants in Lithuania
15.30 – 16.00	COFFEE BREAK
SALON A / SESSION – II	
CHAIRPERSONS: Ákos Máthé & Padmaa M. Paarakh	
16.00 – 17.30	ORAL PRESENTATIONS
OP-13	<u>E Morteza Eskandani, Jaleh Barar, Jafar Ezzati Nazhad Dolatabadi, Hamed Hamishehkar, Hossein Nazemiyeh</u> Galbanic acid-loaded solid lipid nanoparticles: preparation, characterization and <i>in vitro</i> anti-tumor activity

<p>OP-14</p>	<p><u>Nadir Abuzeid, Sadaf Kalsum, Richin John Koshy, Marie Larsson, Mikaela Glader, Henrik Andersson, Johanna Raffetseder, Elsjé Pienaar, Daniel Eklund, Muddathir Siddig Alhassan, Haidar Abd AlGadir, Waleed Syed Koko, Thomas Schön, M. Ahmed Mesaik, Omer Mohamed Abdalla, Asaad Khalid, Maria Lerm</u> Optimization of using different antimicrobial susceptibility and cytotoxicity assays has significant evaluation of New Scaffold drug for medicinal aromatic plant research</p>
<p>OP-15</p>	<p><u>Kusum Devi, Nimisha Jain</u> Development of a chronotherapeutic drug delivery system of <i>Gymnema sylvestre</i> and its pre-clinical evaluation</p>
<p>OP-16</p>	<p><u>Ji Yeon Jeong, Eun Jin Mo, Yang Hee Jo, Seon Beom Kim, Qing Liu, Bang Yeon Hwang, Mi Kyeong Lee</u> Pancreatic lipase inhibitory constituents from <i>Morus alba</i> leaves and optimization for extraction conditions</p>
<p>OP-17</p>	<p><u>K. Aftab, S. B.Usmani, S Begum and B. S. Siddiqui</u> Bioassay-directed isolation of hypotensive alkaloids from <i>Holarrhena pubescens</i></p>
<p>OP-18</p>	<p><u>Marina Spînu, Mihaela Niculae, Oana Paștiu, Carmen Dana Sandru, Eموke Pall, A.Vasiu</u> Vegetal extracts influence <i>in vitro</i> cell-mediated immunity in carnivores depending on health status, target species and plant taxonomy</p>

SALON B / SESSION – II

CHAIRPERSONS: Jutta Lutdvig Muller & Raman Dang

16.00 – 17.30	ORAL PRESENTATIONS
OP-19	<u>K. Bimlendra, V.K. Madan</u> Role of medicinal plants and poplar based agroforestry in improvement of soil/climate and socioeconomic status of growers
OP-20	<u>Tawfeeq, A. Culham, F. Davis</u> Does fertilizer type and method of application cause significant differences in essential oil yield and composition in rosemary (<i>Rosmarinus officinalis</i> L.)?
OP-21	<u>Presnyakova E.V., Semenova E.F., Shpichka A.Ī., Mitishev A.V., Moiseeva I.Y., Moiseev Y.P.</u> Morphological and physiological analysis of strains <i>Chlorella Vulgaris</i> , a producer of resinoid
OP-22	<u>R. Arhab, M. Aggoun, H. Zitouni, B. Djabri</u> Chemical and biological evaluation of tannins content of two arid by-products: Racemes and dried palm leaves.
OP-23	<u>Wasif Nouman, Shahzad M.A. Basra, Tehseen Gull, Muhammad Zubair, Syed Amir Manzoor</u> Plant growth regulators improve the growth potential, nutritional quality and antioxidant system of <i>Moringa oleifera</i> L. under drought conditions
OP-24	<u>Bilal Gürbüz, Reyhan Bahtivarca Bağdat, Mesut Uyanik, Kiarash Afshar Pour Rezaeieh</u> Rosemary (<i>Rosmarinus officinalis</i> L.) cultivation studies under Ankara ecological conditions
19.00 – 21.00	WELCOME COCTAIL

23 APRIL 2015, THURSDAY

09.00 – 12.30 POSTER SESSION –I (Posters 1-100)

SALON A / SESSION – III

CHAIRPERSONS: Zora Dajic Stevanovic & Noureddine Djebli

09.00 – 09.30

Invited Lecture: Bioactive cyclic pentapeptides from plants and fungi: Identification and biosynthetic pathways

Linda Jahn, Thomas Schafhauser, David Fewer, Philippe Jacques, Kaarina Sivonen, Willem van Berkel, Karl-Heinz van Peé, Tilman Weber, Wolfgang Wohlleben, Jutta Ludwig-Müller

09.30 – 10.45

ORAL PRESENTATIONS

OP-25

Diana I. Ivanova and Ina Y. Aneva

The extract of *Sideritis scardica* Griseb. exerts antiproliferative activity in human colorectal carcinoma cells

OP-26

Ravichandra V. D., Padmaa M Paarakh

In vitro mechanism of methanol extracts of leaves of *Ficus* species as anti-diabetic potentials

OP-27

Doukani Koula, Tabak Souhila, Gacem Nacera, Rouab Fatima, Benlarbi Hayat

Physicochemical and antioxidant study of black mulberry fruits (*Morus nigra*) in the region of Tiaret (Algeria)

OP-28	<p><u>Monica Hancianu</u>, Cornelia Mircea, Lucian Hritcu, Elvira Gille⁴, Adriana Trifan, Silvia Robu⁵, Gabriela Tataringa, Ursula Stanescu, Oana Cioanca Essential oils from apiaceae as valuable resources in neurological disorders</p>
OP-29	<p><u>Ademir F. Morel</u>, Carolina Q. Oliveira, Alexandre T. Neto, Ubiratan F. da Silva, Marco A. Mostardeiro, Ionara I. Dalcol Sesquiterpenoids from <i>Nectandra megapotamica</i> (Lauraceae) from Rio Grande do Sul, Brazil</p>
SALON B / SESSION – III	
CHAIRPERSONS: Mohammad Rais Mostafa & Mustafa Aslan	
09.00 – 09.30	<p>Invited Lecture: Rare medicinal plant inventory using geographical information system (GIS) and the linkage of migration routes of human haplogroups <u>Watanabe T, Devkota HP, Takagi M.</u></p>
09.30 – 10.45	ORAL PRESENTATIONS
OP-30	<p><u>Sarah Sallon, Helen Paavilainen, Elaine Solowey</u> The middle eastern medicinal plant project (memp): preserving knowledge, conserving species, re-introducing extinct flora & developing new medicines</p>
OP-31	<p><u>Ram Prasad Baral, V. D. Valerierievich, Rameshwar Adhikari</u> Survey of some important nepalese anti-diabetic herbs</p>

OP-32	<u>Ali A. Dönmez</u> Genetic diversity and conservation measurements of the medicinal plant hawthorn (<i>Crataegus</i> L. - Rosaceae) in the Sw Asian Region
OP-33	<u>Hassan Sher, Ali Aldosari</u> Introduction of new analytical and quantitative approaches for the production and conservation of medicinal and aromatic plants for economic development of Pakistan.
OP-34	<u>Elachouri Mostafa, Fakchich Jamila.</u> An overview on plants used as medicine by Moroccan society to cure different ailments: Ethnobotanicopharmacological approach
10.45 – 11.00	COFFEE BREAK
SALON A / SESSION – IV	
CHAIRPERSONS: Mohanal Ghosh & Saadet Tuğrul Ay	
11.00 – 11.30	Invited Lecture: cGMP, productivity, safety and validation important factors to build quality in pharmaceuticals <u>Dr. Mahesh Burande</u>
11.30 – 12.45	ORAL PRESENTATIONS
OP-35	<u>Deepika Thakkar, Ketan Variya, Vijay Kumar Parmar</u> Selective extraction of phytoconstituent from plant extract using human serum albumin functionalized magnetic nanoparticles
OP-36	<u>M. Masroor A. Khan, Akbar Ali, Moinuddin, Lalit Varshney</u> Ameliorating yield and the composition of essential oil of <i>Eucalyptus citriodora</i> Hook. using radiolytically depolymerised sodium alginate.

OP-37	S. R. Srinivas Patnala, Shobha Rani. R. Hiremath Novel ophthalmic drug delivery system for forskolin
OP-38	Nafiz Çeliktas, Durmuş Alpaslan Kaya, Filiz Ayanoğlu, Musa Türkmen A calibration for fast spectral assessment of laurel (<i>Laurus nobilis</i> L.) population for selection breeding using FT-NIRS
OP-39	Soukaina Anrhour, Fatiha Benkhalti, Abderraouf El Antari Stability and physico-chemical change of olive oils flavoured by aromatic plants case: <i>Ocimum basilicum</i> and <i>Origanum vulgare</i>
SALON B / SESSION – IV	
CHAIRPERSONS: Mehmet Özaslan & Reyhan Bahtiyarca Bağdat	
11.00 – 11.30	Invited Lecture: Health Benefits of Herbal Teas Irem Tatlı
11.30 – 12.45	ORAL PRESENTATIONS
OP-40	Tlili Nesrine, Ennajah Amel, Rachid Loukehaich, Youssef Ammari Morphological and ecophysiological characterization to study the genetic diversity of different populations of cork oak (<i>Quercus suber</i>) in Tunisia
OP-41	Mimoun El Kaoaua, Mansour Mounir, Halima Chernane, Salma Latique Effect of seaweed extracts on growth parameters and peroxidation activity in aerial parts of <i>Salvia officinalis</i> L.

<p>OP-42</p>	<p><u>Arbia Labidi Ben Slimane, Roser Vila, Faten Mezni, Abdelhamid Khaldi Mohamed Arbi Khouja, Salvador Cañigüeral</u> Morphological and chemical diversity using the HPTLC fingerprinting of the wild aromatic apiaceae <i>Magydaris pastinaceae</i> (syn. <i>tomentosa</i>) L. growing in north of Tunisia</p>
<p>OP-43</p>	<p><u>Bouhrara Boudjema, Legseir Belgacem.</u> Ethnobotanical study among the population of the far north east of Algeria: the municipalities of El Kala's National Park (PNEK)</p>
<p>OP-44</p>	<p><u>Salma Latique, Salma Trabelsi Rekik, Halima Chernane, Nabil Kechaou, Mimoun El Kaoua.</u> Role of <i>Ulva rigida</i> and <i>Fucus spiralis</i> extract in alleviation of salinity stress</p>
<p>12.45 – 14.00</p>	<p>LUNCH</p>
<p>14.00 – 17.30</p>	<p>POSTER SESSION – II (Posters 101-200)</p>
<p>SALON A / SESSION – V</p>	
<p>CHAIRPERSONS: İlkey Erdoğan Orhan & B. G. Shivanand</p>	
<p>14.00 – 14.30</p>	<p>Invited Lecture: Can neurodegenerative diseases be defeated naturally? <u>Noureddine Djebli</u></p>

14.30 – 15.45	ORAL PRESENTATIONS
OP-45	<u>Padmaa M Paarakh</u>, Dileep Chandra Sreeram, Shruthi SD, Sujan Ganapathy PS <i>In vitro</i> and <i>in silico</i> anticancer activity of ammonium glycyrrhizinate isolated from roots of <i>Glycyrrhiza glabra</i> Linn.
OP-46	<u>Taghreed A. Ibrahim</u>, Atef A. El-Hela and Hala M. El-Hefnawy Phytochemical and biological study of <i>Hypericum Sinaicum</i> Hochst.
OP-47	<u>S.Rajasekaran</u>, Gopalkrishna Rao Phytochemicals as anticancer agents: A review
OP-48	Rasha Khalid Abbas, <u>Awatif Ahmed Mohammed Siribel</u> Effect of stage of maturity and cultivars on chemical constituents of <i>Hibiscus Sabdariffa</i> grown in Sudan.
OP-49	Soran Kaify Najmaldin, <u>M. Hakkı Alma</u>, Ali Göçeri, H. Gülşah Özkan, Eyyüp Karaoğul Antioxidant properties of İraqian and Turkish <i>Glycyrrhiza glabra</i> L. (Liquorice)
SALON B / SESSION – V	
CHAIRPERSONS: Ali DÖNMEZ & Zina Vuluga	
14.00 – 14.30	Invited Lecture: Chinese and botanical medicines: Myth or treasure? <u>Ray Cooper</u>

14.30 – 15.45	ORAL PRESENTATIONS
OP-50	<u>Taoufik Gammoudi</u> Analysis of the aromatic and medicinal plants sector in the arid area of the south-east of Tunisia
OP-51	<u>Biljana Bauer, Vesna Kostic</u> The development of ideas of healing through the ages
OP-52	<u>Mahmoud F. Elsebai, Sampo Mattila, Jukka Hakkola, Ahmed R. Atawi, Mohamed Mehiri, Andreas Meyerhans, and Juana Diez</u> Treatment of hepatitis c virus and its complications using the wild egyptian artichoke
OP-53	<u>Nisrin Benayad, Abdelhak Hakiki, Mahjouba Mosaddak</u> <i>In vitro</i> antioxidant activities of different extracts of <i>Cistus ladaniferus</i> (<i>Cistaceae</i>) from Morocco
OP-54	<u>Aizhan Asanbekova, Emine Bayram</u> The medicinal plants of Kyrgyzstan
15.45 – 16.00	COFFEE BREAK
SALON A / SESSION – VI	
CHAIRPERSONS: Hafida Bouamama & Nafiz Çeliktaş	
16.00 – 16.30	<u>Invited Lecture:</u> Conservation of endangered medicinal plants through plant tissue culture and its application in world economics <u>Raman Dang</u>

16.30 – 17.45	ORAL PRESENTATIONS
OP-55	<u>Karima Ayouni</u>, Meriem Berboucha-Rahmani, Kim Hye Kyong, Young Hae Choi, Djebbar Atmani, Rob Verpoorte. Metabolomic tool and fractionation bioguided extraction assays to identify antioxidant compounds from <i>Fraxinus Angustifolia</i> leaf and stem bark extracts
OP-56	<u>Mohammed Kouhila</u> Conservation of <i>Citrus aurantium</i> peel by a solar drying process
OP-57	<u>Kashif Ghafoor</u> Phenolic compounds from fenugreek (<i>Trigonella foenum-graecum</i> L.) seed, optimization of extraction process
OP-58	Lamyae Lahnine, Ali İdlimam, <u>Mostafa Mahrouz</u>, Mohamed Kouhila, Hafida Hanine, Mohamed Mouhib, Said Zantar Measurements and modeling of comparative adsorption of thyme, treated with two storage technologies: gamma irradiation and thermal-biochemical.
OP-59	<u>Nimisha Jain</u>, Kusum Devi Development, optimization and invitro evaluation of once a day chronotherapeutic drug delivery system of <i>Gymnema sylvestre</i> for treatment of diabetes

SALON B / SESSION – VI

CHAIRPERSONS: Selin Sayin & Ehab Abu-Basha

16.00 – 16.30	Invited Lecture: The resource potential of the flora of Russia as a source of MAP. Ethnobotany aspects for collection new data and saving information about MAP <u>K.G. Tkachenko</u>
16.30 – 17.45	ORAL PRESENTATIONS
OP-60	<u>D. Divya Bhargavi, A. Madhavi Lata</u> Studies on pongamia based agri-silvi system intercropped with <i>Andrographis Paniculata</i>
OP-61	<u>Salhi Nasrine, Brahmi Iman</u> Inhibitory Effect of the aqueous extract of <i>Artimisia herba alba</i> on growth of some weeds and phytopathogenic fungus associated with cereals.
OP-62	<u>S. Mghazli, A. Idlimam, M. Mahrouz, L. Lahnine, N.Hidar, M.Ouhammou, M.Mouhib, S. Zantar, N. Cohen, M. Bouchdoug</u> Comparative moisture sorption isotherms, modelling and isosteric heat of sorption of witness and irradiated Moroccan rosemary leaves
OP-63	<u>Benaissa K, Belhamra M.</u> The farmers knowledge on henna cultivation under the climatic conditions of south east of Algeria

OP-64	<u>Bouamama Hafida, Benkhalti Fatiha, Ledhrem Merieme and Benharref, Ahmed</u> Morphological and anatomical studies of moroccan medicinal plants: <i>Cistus creticus</i> L. and <i>C. monspeliensis</i> L. (Cistaceae)
17.30 – 18.30	BUSINESS SESSION
17.30 – 18.30	MAPs ORGANISATIONS SESSION

24 APRIL 2015, FRIDAY

09.00 – 12.30 POSTER SESSION – III (Posters 201-300)

SALON A / SESSION – VII

CHAIRPERSONS: Zohara Yaniv & Ivan Salamon

09.00 – 10.30 ORAL PRESENTATIONS

- | | |
|--------------|--|
| OP-65 | <p><u>Sulaiman M Alnaimat</u>, Milton Wainwright, Salah Jaber, Reda Amasha
Mechanism of antibacterial action of (<i>Leptospermum Scoparium</i>) manuka oil on methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and <i>E. coli</i> determined by disc diffusion assay, Mics and Mbc values, time-kill and electron microscopy</p> |
| OP-66 | <p><u>Jayson Wau</u>, David Timi, Anthony Harakuwe, Bruce Bowden, Cherie Motti, Harry Sakulas, Rag Gubag-Sipou
Isolation of three bioactive phenantroindolizidine alkaloids from the fruit latex of <i>Ficus Botryocarpa</i> Miq.</p> |
| OP-67 | <p><u>Carmen Dana Sandru</u>, Niculae Mihaela, Silvana Popescu, Oana Paștiu, Pall Eموke, Marina Spinu
<i>Urtica dioica</i> alcoholic extract increases the cell- mediated innate immune potential in chickens</p> |

OP-68	<u>B. P. Nagori, Anil Pareek</u> <i>In vitro</i> antioxidant activity of different extracts of <i>Corchorus Depressus</i> Linn.
OP-69	<u>Zerrouki Khayra M.A.A., Djebli Nouredine</u> <i>Hypericum perforatum</i> as a cure against memory loss and Alzheimer's (Experimental study in mice)
OP-70	<u>A.A. Al-Askar, Y.M. Rashad, W.M. Abdulkhair</u> Evaluation of the antimicrobial potential of selected medicinal plant extracts against some plant and human pathogens
SALON B / SESSION – VII	
CHAIRPERSONS: Ray Cooper & Ufuk Koca Çalışkan	
09.00 – 09.30	Invited Lecture: Conservation and sustainable use of medicinal and aromatic plants' genetic resources for worldwide human welfare <u>Ana Maria Barata, Filomena Rocha, Violeta Lopes, Ana Maria Carvalho</u>
09.30 – 11.00	ORAL PRESENTATIONS
OP-71	<u>Ayşe Betül Avcı, R. Refika Akçali Giachino</u> Harvest stage effects on some yield and quality characteristics of lemon balm (<i>Melissa officinalis</i> L.)
OP-72	<u>R. C. Gupta</u> Goji Berry -The ultimate super food; A real Chi (Life Force): The inside story-Taurine factor

OP-73	<u>Hammadi Kheira, Inal Ahmed Boukhalfa</u> A prospective study of medicinal plants used in the west of Algeria
OP-74	<u>Khadra Maiza · Fadila Benabdesselam Maiza</u> Biological activities of plants collected in the algerian sahara
OP-75	<u>Souayah Naoufel</u> Ethno-botanical study of medicinal plants used in North-west Saudi Arabia villages. Quantitative Approach
OP-76	<u>Ghenima Ghemouri, Rachid Meddour</u> Biodiversity and ethnobotany in Algeria: Comparison between Tlemcen's Model Forest and Biosphere Reserve of Djurdjura
11.00 – 11.30	COFFEE BREAK
SALON A / SESSION – VIII	
CHAIRPERSONS: Ana Maria Barata & Djamil Krouf	
11.30 – 13.00	ORAL PRESENTATIONS
OP-77	<u>L. Ferchichi , S. Derbré, K. Mahmood, K. Touré, D. Guilet, M. Litaudon, K. Awang, A. Hamid A. Hadi, Anne Marie Le Ray, Pascal Richomme.</u> The natural inhibitors of advanced glycation end-products
OP-78	<u>Shailendra Gurav, Nilambari Gurav, Anant Bhandarkar, Arun Joshi</u> Effect of explant source, nutrient medium, phytohormones and elicitation treatment on <i>in-vitro</i> callus culture of <i>Boerhaavia diffusa</i> Linn. and expression of secondary metabolites

OP-79	<u>Ouarda Issaadi, Khodir Madani</u> Antioxidant activity of polyphenolic extracts of <i>Crateagus oxyacantha</i>
OP-80	<u>Durmuş Alpaslan Kaya, Sercan Sayin, Mihaela Violeta Ghica, Mădălina Georgiana Albu, Cristina Dinu-Pîvu</u> Experimental design as a tool to select the optimal operating conditions for essential oil extraction from laurel leaves
OP-81	<u>Tehmina Anjum, Nosheen Akhtar</u> Use of essential oils to manage post-harvest decay in citrus
OP-82	<u>Sonia Chabani, Hamada Haba, Christophe Long, Mohammed Benkhaled</u> Chemical composition of medicinal plant <i>Atractylis serratuloides</i>
SALON B SESSION – VIII	
CHAIRPERSONS: Biljana Bauer & Hasan Yusufoglu	
11.30 – 13.00	ORAL PRESENTATIONS
OP-83	<u>Brahmi Fatiha, Adjaoud Abdenour, Marongiu Bruno, Falconieri Danilo, Yalaoui-Guellal Drifa, Madani Khodir, Chibane Mohamed</u> Chemical composition and <i>in vitro</i> bioactivity of the essential oils of two <i>Mentha species</i> (<i>M. pulegium</i> L., <i>M. rotundifolia</i> Auct.) from Bejaia Location (Algeria): A comparative study
OP-84	<u>Selin Sayin, Durmuş Alparslan Kaya, Beyza Ersoy, Tahir Özcan, Mehmet Naz, Ayhan Altun, Nurdan Ünal, Gönül Yilmaz</u> Algae as innovative nutraceutical

OP-85	<u>M. Nadjib Rahmoun, Hanane Ziane, Zahia, Boucherit-Otmani, Mazari Wissem</u> Antibacterial and antifungal screening of four Algerian medicinal plants
OP-86	<u>Davood Hashemabadi</u> Antimicrobial effect of extraction of <i>Zhumeria Majdae</i> and 8-hydroxy quinoline sulphate on vase life of cut carnation 'white liberty'
OP-87	<u>Karem H. Alzoubi, Ahmad S. Alkofahi, Omar F. Khabour</u> Screening of the antioxidative DNA damage activity of some medicinal plants from Jordan
OP-88	<u>Yasin Hazer, Hatice Çölgeçen, Ufuk Koca Çalışkan, Güray Uyar</u> HPLC-UV analysis of phenolic compounds in three mosses samples either collected from nature or produced via <i>in vitro</i> culture
13.00 – 14.00	LUNCH
14.00 – 17.30	POSTER SESSION – IV (301-375)
	SALON A / SESSION – IX
	CHAIRPERSONS: Aisha Basheer & Khalid Aftab
14.00 – 14.30	Invited Lecture: Phytotherapy in experimental diabetes and hypercholesterolemia <u>Dr KROUF Djamil</u>

14.30 – 16.00	ORAL PRESENTATIONS
OP-89	<p><u>Zainab H. Salih</u>, İbrahim Halil Kılıç, Yasemin Zer Fadile Yildiz Zeyrek, Mustafa Çilkiz, Ayşe Karaduman, Işık Didem Karagöz, Mehmet Özasan Investigation of the antibacterial effect of the extract of antep pistachio (<i>Pistachia vera</i> L.) nut pericarp against clinical isolates of methicillin-resistant <i>Staphylococcus Aureus</i> (Mrsa)</p>
OP-90	<p><u>Ahmed Nouasri</u>, Tahar Dob, Dahmane Dahmane, Soumia Krmat, Lynda Lamari, Mohamed Toumi, Chaabane Chelgoume Chemical composition and antimicrobial activity of the essential oil of <i>Thymus lanceolatus</i> Desf. an endemic thyme from Algeria</p>
OP-91	<p><u>M.A. Tijjani</u>, S.W. Buba, F.İ. Abdulrahman, J.İ. Gani Preliminary phytochemical screening, proximate and elemental content determination of stem bark of <i>Citrus aurantifolia</i> Linn (Lime)</p>
OP-92	<p><u>Aisha B.Ali</u>, Aisha Z.Almagboul Antimicrobial activity of fruits, leaves, seeds and stems extracts of <i>Ziziphus Spina-Christi</i></p>
OP-93	<p><u>Ehssan H. O. Moglad</u>, Omer M. Abdalla, W.S.Koko, A.M.Saadabi Anticancer potential of various extracts and fractions of <i>Solanum nigrum</i></p>
OP-94	<p><u>A. Makhloufi</u>, A. Boulanour, L. Mebarki, L. Benlarbi, B.Tarfaya, Biological activities of <i>Juniperus phonicea</i> Tar, growing wild in Bechar region, south west of Algeria</p>

SALON B / SESSION – IX

CHAIRPERSONS: R. S. Bhambar & I. Y. A. Moisseva

14.30 – 16.00	ORAL PRESENTATIONS
OP-95	<u>Ibrahim M. Abu-Reidah</u>, Mohammed S. Ali-Shtayeh, Rana M. Jamous, David Arráez-Román, Antonio Segura-Carretero Phytochemical profiling of wild <i>Arum palaestinum</i> (Araceae) leaves
OP-96	<u>Thabèt Yangui</u>, Fatma Trigui <i>Citrus lemon</i> essential oil and aqueous phase of industrial-lemon-juice's raw waste as preservatives against <i>Salmonella enteritidis</i> inoculated in chicken meat
OP-97	<u>M. Zouaoui Boutiti</u>, C. Massaoud, M.L. Khouja Chemical composition and antifungal activity of eucalyptus spp. essential oils against <i>Biscogniauxia Mediterranea</i> (De Not.) Kuntze, agent of <i>Cork Oak</i> charcoal canker in Tunisia
OP-98	<u>Ouahiba Soufi</u>, Salima Zemmouri, Hayette Louaileche Effect of solvent extraction on the bioactive substances and the antioxidant capacity of dry salted olives
OP-99	<u>Fatma Trigui</u>, Med Sami Aifa, Thabèt Yangui <i>In vitro</i> and <i>in vivo</i> antifungal activity of leaves extracts of two tunisian plants against <i>Penicillium sp.</i> and <i>Aspergillus sp.</i> the cause of citrus rot
OP-100	<u>Shami Ehaj Alssafi Bakhiet</u>, Rayan Mukhtar Ahmed Mohommed Water purification and antibacterial activity of <i>Cymbopogon Proximus</i> against coliform bacteria
16.00 – 16.15	COFFEE BREAK

SALON A / SESSION – X

CHAIRPERSONS: B. P. Nagori & Lamia Hamrouni

16.15 – 17.45**ORAL PRESENTATIONS****OP-101****Semenova E.F., Shpichka A.I., Presnyakova E.V.**Comparative study of oil-bearing species and intraspecific taxons *Rosa* (Rosaceae) and *Eremothecium* (Eremotheciaceae)**OP-102****Zainab H. Salih**Investigation of antibacterial effect of *Pistacia vera* L. nut pericarp extract against clinical isolates of methicillin-resistant *Staphylococcus aureus* (MRSA) and Vancomycin Resistant *Enterococcus* (VRE)**OP-103****Hamza Belkhodja, Boumediene Meddah, Aicha Tirtouil**Study of acute toxicity and healing activity of the essential oils of *Rosmarinus officinalis* and *Populus alba* in wistar rats**OP-104****Ali El Gamal, Shaza Al-Massarani, Mohamed Farag, Mansour Al-Said and Maged Abdel-Kader**Hepatoprotective activity and phytochemical study of *Albizia lebbek* flowers**OP-105****Adrar Nabil, Oukil Naima, Bedjou Fatiha***In vitro* antibacterial and antioxidant activity of *Thymus numidicus* Poir. and *Salvia officinalis* L. essential oils alone and in combination**OP-106****Anwar Ben Saad, Ameni Smida, Lazhar Zourgui.**Protected effect of cactus (*Opuntia ficus indica*) extracts against lithium-induced oxidative stress and hepatic tissue damage in rats

SALON B / SESSION – X

CHAIRPERSONS: İrem Tatlı & Jimoh Mulikat Abiola

16.15 – 17.45 ORAL PRESENTATIONS

OP-107	<u>Jameel Bzour</u> <i>In-vitro</i> and <i>in vivo</i> investigation on the potential anti-inflammatory activity of <i>Salvia triloba</i> through inhibition of pro-inflammatory cytokines: TNF- α , IL-6, and IL-1 β
OP-108	<u>Zina Mouhoubi-Tafnine, Naima Aknouche, Nadia Aouat, Azedine Tamendjari</u> Antioxidant activity of some Algerian honey and propolis
OP-109	<u>Mohamed Ben Sghaier, Manel Ben İsmail, Lamia Hamrouni, Kamel Ghedira, Leila Chekir-Ghedira</u> Leaf Extracts from <i>Teucrium Ramosissimum</i> Protect Against DNA Damage İn Human Lymphoblast Cell K562 And Enhance Antioxidant, Antigenotoxic And Antiproliferative Activity
OP-110	<u>Mostafa Abbas Shalaby, Ashraf Abd El-Khalik Hammouda</u> The protective effect of <i>Tribulus terrestris</i> fruits against testicular toxicity in rat
OP-111	<u>Murat Tunçtürk, Růveyde Tunçtürk, Abdurrahim Yılmaz, Hilal Ayhan</u> Chemical composition of three edible wild plants form Van province
OP-112	<u>Ellouze Inès, D’Ambrosio Michele, Guella Graziano</u> Tunisian <i>Citrus aurantium</i> L. peels secondary metabolite chemical composition investigation

25 APRIL 2015, SATURDAY

SALON A / SESSION – XI

CHAIRPERSONS: Madalina Albu & D. Alpaslan Kaya

09.00 – 10.30

ORAL PRESENTATIONS

OP-113

Thouria Bourhim, Rachida Makbal, Myra Villareal, Chemseddoha Gadhi, Hiroko Isoda

Whitening skin effects of *Argania spinosa* by-product

OP-114

Thouria Bourhim, Rachida Makbal, Abdellatif Hafidi and Chemseddoha Gadhi

Antioxidant and anti-inflammatory activities of *Argania spinosa* leaves

OP-115

G. Tataringa, A. Jitareanu, C. Mircea, C.Stan, A.M. Zbancioc

In vitro antimicrobial evaluation of some umbelliferone derivatives

OP-116

Mouloud Yahia, Afaf Benhouda, Souhila Benbia , Hachani Khadhraoui, Ghennam Sonia, Bendaas Fatiha, Djahida Benhouda, Ghecham Abdelmoudjib

Toxicological study of *Umbilicus rupestris* L. leaves: Hematological, biochemical, and histopathological studies

OP-117

Meriem Berboucha, Karima Ayouni, Muzamal Iqbal, Mian Yahya Mushtaq, Young Hae choi, Hye Kyong Kim, Djebbar Atmaniand Rob Verpoorte

Screening of anti-inflammatory activity of *Pistacia lentiscus* leaf and root barks extracts and its fractions using NMR and umetrics methods

OP-118	<u>Abdelkrim Cheriti</u>, Nasser Belboukhari Flavonoid diversity in the Saharan <i>Launaea</i> Cass. Genus (Asteraceae)
SALON B / SESSION – XI	
CHAIRPERSONS: Hakan Çetinkaya & Marina Spinu	
09.00 – 10.30	ORAL PRESENTATIONS
OP-119	<u>Zeroual Safia</u>; Ledrhem Merieme; Salma Laatigue Ben Khalti Fatiha Bouamama Hafida; El kaoua Mimoun; Zehhar Naima Antioxidant activity and total polyphenols compound of marina algae <i>Ulva rigida</i>
OP-120	<u>N. Kambouche</u>, B. Ramli, H. Benzineb, R. Soulimani, S. Salima. Study of antioxidant effect from Algerian medicinal plants
OP-121	<u>Shivraj Hariram Nile</u> Nutritional analysis and ethanol production from pineapple waste by <i>Zymomonas mobilis</i> NCIM-2428
OP-122	<u>Merieme Ledrhem</u>, Safia Zeroual, Fatiha Ben Khalti, Naima Zehhar, Hafida Bouamama Antioxidant effect of the methanol, dichloromethane and ethyl acetate extracts, of Moroccan <i>Cistus laurifolius</i> L. leaves
OP-123	H. Mahmoudi, H. Zargouni, N. Ben Hamida, W. Zaouali, R. Kaddour, <u>Z. Ouerghi</u> Secondary metabolites, antioxidant and antimicrobial activities of two <i>Cistus</i> Species, cultivated from Tunisia

OP-124	<u>Ouchai Malika, Moussaoui Kamel, Djazoulli Z. E.</u> Assessing the impact of storage temperature on the stability and biocidal activity of essential oils formulated. Case <i>Tribolium castaneum</i> (Herbst). (<i>Insecta, Tenebrionidae</i>)
10.30 – 11.00	COFFEE BREAK
SALON A / SESSION – XII	
CHAIRPERSONS: Hakki Alma & Krill Tachkachenko	
11.00 – 12.00	ORAL PRESENTATIONS
OP-125	<u>Ufuk Koca Çalışkan, Nazım Şekeroğlu</u> Preclinical Screening Of 'İksut' From Folk Medicine To Animal Testing
OP-126	<u>Faten Mezni, Khaled Miled, Mohamed Larbi Khouja, Samir Boubaker, Abdelhamid Khaldi, Abderrazzak Maaroufi</u> Wound healing activity of a formulation of <i>Pistacia Lentiscus</i> seed oil in guinea pigs
OP-127	<u>Pratap Chand Mali</u> Antifertility effects in male wistar rats with treatment of ethanolic extract of plants
SALON B / SESSION – XII	
CHAIRPERSONS: Taylan Aksu & Mustafa Yipel	
11.00 – 12.00	ORAL PRESENTATIONS
OP-128	<u>Hakan Cetinkaya, Mehmet Koc, Muhittin Kulak</u> Olive leaf: An important source of phyto-pharmaceutical industry and its chemical composition

OP-129	<u>Filiz UÇAN</u>, Hatice Aysun MERCİMEK, Gülfer ÇİMEN, Nazim ŞEKEROĞLU Total phenolic content, antioxidant and antimicrobial activities of “Kahvaltılık zahter”
OP-130	<u>Nazım Sekeroğlu</u>, Muhittin Kulak, Arif İpek, Fatih Gül Principal component (PCA) and hierarchical clustering analysis of essential oil components of leaves of <i>Salvia officinalis</i> subjected to various salt stress
OP-131	<u>Sevgi Gezici</u>, Nazım Şekeroğlu Current Perspective of Medicinal Plants As Anticancer Agents
12.00 – 12.30	CLOSING CEREMONY
12.30 – 14.00	LUNCH
14.00 – 18.00	TECHNICAL VISITS

MESMAP – 2
POSTER PROGRAM

TOPIC – I: AGRICULTURE & BOTANY

PP-1	<u>Ennajah A., Ammari Y., Say Kachout S., Sbei H., Bousslama Maher, Ettri Mariem</u> Dust career impacts on <i>Pinus halepensis</i> growth
PP-2	<u>Mohamed Beghalia, Aissa Belouatek, Said Ghalem, Hocine Allali</u> Comparison of the inhibitory capacity of two groups of pure plant extract on the crystallization of two types of urinary stones <i>in vitro</i> study
PP-3	<u>Abir Mohamed Mohamed Ibrahim, Amina Titouche, Mohamed Hazzit</u> Influence of gamma ray irradiation on essential oil yields, antioxidant and antifungal activities of Algerian <i>Artemisia herba alba</i> Asso.
PP-4	<u>Nadia Bouredja, Zouhir Mehdadi, Mustapha Bouredja</u> Extraction and valuation of the hemicelluloses of the cell wall of retama <i>Monosperma</i> (L.) Boiss
PP-5	<u>Yassine Ilies Moulessehouli, Zoheir Mehdadi</u> Ecological and biochemical study of alfa (<i>Stipa tenacissima</i> L.) from western Algerian's habitats.
PP-6	<u>O. Bensebia, M. H. Issadi, Kh. Allia</u> Effects of drying temperature on the total phenolics, flavonoids content and antioxidant activity of dried sage leaves
PP-7	<u>Hemmame Salima, Benhassaini Hachemi, Guergueb Elyamine</u> Organogenesis and Cytological Study of Buds of <i>Pistacia atlantica</i> Desf. ssp. atlantica.

PP-8	<u>Daniela Ríos, Jason Goodger and Ian Woodrow</u> Breeding programs reducing variation in eucalypt essential oil quality
PP-9	<u>Mamedova I.O, Bagirli A.P, Salahova E.X</u> The features of introduction and phenology of species genus of <i>Gleditsia</i> L. and its value
PP-10	<u>Zineb Bennaoum, Hachemi Benhassaini, Fatiha Larabi, Malika Tirse</u> Macro and micro-phytoderemics seasonal characters of wild <i>Ruta</i> Species (<i>Rutaceae</i>) in northwestern Algeria.
PP-11	<u>Bouziane Z., Dehimat L., Kacem Chaouch N</u> Contribution to the study of infection of potato tubers (<i>Solanum tuberosum</i> L) variety (Spunta) by <i>Phytophthora infestans</i> and the antagonist activity of <i>Trichoderma viride</i>
PP-12	<u>Seyyedeh Rezvan Sebtahmadi, Khalil Ansari</u> Effect of different media and fertilizers on yield and yield components of <i>Aloe vera</i>
PP-13	<u>Zumrud Aman Mammadova, Zemfira Gajibaba Abbasova</u> Introduction of herb <i>Sambucus ebulus</i> L. and use in medicine
PP-14	<u>Saadi Sihem</u> Impact of lead on the development of <i>Coriandrum sativum</i> L.
PP-15	<u>Behnam Tahmasebpour, Alireza Babazade</u> Effects of hormonal compounds on meristem regeneration of peppermint root
PP-16	<u>Zineb Belhi, Nouredine Boulenouar, Abdelkrim Cheriti</u> Effect of the extracts of some saharan plants on the cellulases of <i>Fusarium oxysporum</i> F. sp. <i>Albedinis</i>

PP-17	<u>Meriem Bireche, Abdelaziz Gherib, Boulanouar Bakchiche.</u> Positional distribution of fatty acids in the triglycerides of the seed oil of <i>Citrullus colocynthis</i>
PP-18	<u>Dalia Farid, Lalaouna Abd El Djalil, Derouiche T.T</u> Pollen and pollinosis : <i>Aero-palynological study realized in the Northeast of Algeria</i>
PP-19	<u>M. Tirse, H. Benhassaini, S. Nitsche, D. Chaudanson, B. Aufray, K. Sail & G. Bassou</u> Stomatal types study of <i>Pistacia lentiscus (Anacardiaceae)</i>
PP-20	<u>Amir Nadir, Metrouh-Amir Hassiba, Amir Akila, Maiza Fadila.</u> Effect of extraction solvent/technique on the alkaloids content of <i>Matricaria pubescens</i>
PP-21	<u>Farhad Farahvash, Bahram Mirshekari, Maryam Farzaniyan, Amir Hoshang Hossainzade-Mgbeli</u> Evaluation of growth response and yield <i>Echinacea Purpurea</i> (Purple Coneflower) to application of zinc sulfate and ascorbic acid under drought stress
PP-22	<u>Tshivhandekano Itani, Nkomo Mpumelelo, Ngezimana Wonder, Mudau Fhatuwani. N</u> Effect of nitrogen on pharmacological activity of <i>Athrixia phylicoides</i> (Bush Tea) grown under greenhouse conditions
PP-23	<u>Elif Bozdoğan</u> Use of treated wastewater for irrigation of <i>Rosmarinus officinalis L.</i>

PP-24	<u>Ali Mahdavi, Hossein Ehteshami, Ali Nouri Emamzadeh, Nima Mahdavi</u> Effects of cumin and fennel essential oil on metabolizable energy, degradation parameters and dry matter disappearance of barley grain and sugar beet
PP-25	<u>Ali Mahdavi, Hossein Ehteshami, Ali Nouri Emamzadeh, Nima Mahdavi</u> Effects of different levels of garlic essential oil on gas production, degradation parameters, estimated metabolizable energy and food disappearance
PP-26	<u>M. El Younsi, S. Anrhour, A. El Moudni, F. Benkhalti, A. El Antari</u> Quality analyzes of olive varieties used for genetic crosses
PP-27	<u>Kellal Hassiba</u> The anatomical, histochemical characterization and structural fibers of reed (<i>Arundo donax</i> L.).
PP-28	<u>A I Shawish F., Abdullah Sad Ali, Bashir Mohammed Saleh</u> Study the effect of some fertilizers treatments on the vegetative growth characteristics for the local almond seedlings
PP-29	<u>Farhad Farahvash, Davoud Davarippanah</u> The effect of micronutrient (yashil) and macronutrient (urea) fertilizers on yield of <i>Calendulea officinalis</i>
PP-30	<u>Mahi Z., Dedaldechamp F., Belkhodja M., Lemoine R.</u> Peroxydases stress in halophytes
PP-31	<u>Amel Bouzabata</u> Microscopic control of turmeric <i>Curcuma longa</i> L. rhizomes using multivariate analysis

PP-32	<u>Djillali Ghoibrini, Kamal Aïboud, Djamel Daoud, Saliha Yakoub-Bougdal</u> Effect of red light on biomass productivity of green microalgae <i>Chlorella sp.</i> strain isolated from Djurdjura National Park (North Algeria)
PP-33	<u>Emel Diraz, Şengül Karaman, Hasan Durdu, Ahmet İlçim</u> Anatomical structure of <i>Tanacetum nitens</i> (Boiss.&Noe) Grierson from Turkey
PP-34	<u>Emel Diraz, Şengül Karaman</u> Fatty acid composition of olive oil samples purchased from market
PP-35	<u>Selin Gedik, L. Sezen Tansi, Adel Valizadeh, Ömür Dündar</u> Ascorbic acid content of <i>Hibiscus sabdariffa</i> fresh calyces according to different sowing and harvesting time
PP-36	<u>Reguieg Yssaad Larbi, Reguieg Yssaad Hocine Abdelhakim, Lotmani Brahim, Hamadi Amina</u> Response of <i>Atriplex halimus</i> leaves to salt stress on an amended bentonite substrate
PP-37	<u>Youngki Park, Chul-woo Kim, Sea-Hyun Kim, Sang-Urk Han</u> Antioxidant capacity, total phenolics and vitamin c contents changes during hardy kiwi fruit ripening
PP-38	<u>Eung-Jun Park, Wi Young Lee, Sang-Urk Han</u> Alterations in pharmacological compositions and tuber growth of <i>Gastrodia elata</i>
PP-39	<u>Eray Tulukcu, Yasin Kara, Ahmet Koçak, Raziye Koçak</u> Ontogenetic and diurnal varyability of <i>Salvia sclarea</i> flowers

PP-40	<u>Eray Tulukcu</u> The effect of γ -irradiation on germination of Turkish oregano (<i>Origanum onites</i>) and Hyssop (<i>Hyssopus officinalis</i>) seeds
PP-41	<u>Belaid Faiza, Foudia Soumaya, Fbelkebir Aicha</u> Drought provoked the accumulation of anthocyanins in commone bean (<i>Phaseolus vulgaris L.</i>) leaves
PP-42	<u>Sajjad Rahimi, Alireza Pirzad, Mehdi Tajbakhsh, Jalal Jalilian, Gokhan İpek</u> Effect of biological and chemical phosphorus on percentage of colonization, nitrogen, protein and phosphorus amount of pot marigold (<i>Calendula officinalis L.</i>) under water deficit condition
PP-43	<u>Sajjad Rahimi, Alireza Pirzad, Mehdi Tajbakhsh, Jalal Jalilian, Gokhan İpek</u> Effect of biological and chemical phosphorus on photosynthetic pigments, water content and osmolytes of pot marigold (<i>Calendula officinalis L.</i>) under water deficit condition
PP-44	<u>Mesut Balcan, Muhittin Doğan</u> Some physiological effects of copper applications in medicinal plant rosemary (<i>Rosmarinus officinalis L.</i>)
PP-45	<u>T.S.Mammadov, Sh.A.Gulmammadova</u> The agrotechnics of cultivation, illness and wreckers some decorative grassy plants
PP-46	<u>Magda Abbakar Osman, Abdall Mohamed Ali , and Hassan Elsubki</u> Botanical identity and quality parameters of blond psylum seeds grown under semi arid environment of central Sudan

PP-47	<u>Çiğdem Bozdemir, Nurettin Çinkaya, Reyhan Bahtiyarca Bagdat</u> Cultivation practices on winter sown fenugreek (<i>Trigonella foenum- graecum</i> L.) under Ankara ecological conditions
PP-48	<u>Meriem Bouzeraa-Bessila and Bouzeraa Hayette</u> Ecological study of some hypoglycaemic plants and impact of atmospheric pollution on qualitative and quantitative aspect of their active substances, case of <i>Eucalyptus globulus</i> Labill
PP-49	Serkan Uranbey, Ahmet Gümüüşü, <u>Arif İpek</u>, Mikail Çalışkan, Hussein Abdullah Ahmed Ahmed, Neşet Arslan Effects of different applications on <i>in vivo</i> and <i>in vitro</i> germination of <i>Tchihatchewia isatidea</i> Boiss
PP-50	<u>Arif İpek, Serkan Uranbey, Güray Akdoğan</u> Cultivation of endemic and endangered <i>Muscari aucheri</i> (Boiss.) Baker (Liliaceae) under field conditions
PP-51	<u>Othmani-Sendid, A.R., Khechbat, R.</u> Biological and ecological study of medicinal plants used in eastern Algeria: Extraction and analysis of lavendula essential oil
PP-52	Alina Orțan, Durmuş Alpaslan Kaya, Musa Türkmen, <u>Mihaela Violeta Ghica, Cristina Dinu-Pîrvu</u> Study of liposomes as a model for photosynthesizing membranes
PP-53	<u>Mihaela Violeta Ghica, Mădălina Georgiana Albu, Durmuş Alpaslan Kaya, Şevket Öztürk, Lăcrămioara Popa, Alina Orțan</u> Collagen-lavandula oil-niflumic acid delivery systems

PP-54	Ahu Çinar, Saadet Tuğrulay Protection and cultivation of medicinal and aromatic plants in West Mediterranean Region in Turkey
PP-55	<u>Fidan Kacmaz</u>, Ayşe Betül Avcı, Serdar Gökhan Şenol Cultivation study of endemic <i>Sideritis tmolea</i> P.H. DAVIS (Lamiaceae)
PP-56	<u>Emine YURTERİ</u>, Aysel ÖZCAN, Fatih SEYİS The importance of safflower (<i>Carthamus tinctorious</i> L.), a medicinal plant, regarding it's active substances
PP-57	Emine Yurteri, Fatih Seyis, <u>Aysel Özcan</u>, Kudret Kevseroğlu The multiplication of <i>Salvia verticillata</i> L. subsp <i>verticillata</i> collected from Rize highlands with seed and perlite
PP-58	<u>Muhittin Kulak</u>, Mehmet Koc, Ayse Yaylaci, Gulfer Cimen, Galip Padak Priming seed influences on the subsequent secondary metabolite production in plants
TOPIC – II: PHYTOCHEMISTRY & BIOACTIVITY	
PP-59	<u>Fatma Zouzou</u>, Asma Seddik-Ameur, Belgacem Legseir. Biological and chemical evaluations of <i>Pistacia atlantica</i>
PP-60	<u>H.Kadi</u>, N.Nahalbouderba, R.Benyahi H.A.Lazouni. Evaluation of biological activity of some extracts from <i>Rumex vesicarius</i> and <i>Gossypium Herbaceum</i>

PP-61	Abdel İlah Amrouche, Houcine Benmehdi, Sarah Souadkia, Larbi Mezian. Assessment of antioxidant and antimicrobial activities of The Algerian <i>Pistacia lentiscus</i> L.
PP-62	Asma Thami, Youssef Ammari, Lamia Hamrouni, Sadok Boukhchina Antioxidant proprieties of sweet cherries (<i>Prunus avium</i> L.) from Tunisia
PP-63	Menad Najett, Moghtet Snoussi The Antifungal effect of <i>Asphodelus tenuifolius</i> on mold mycotoxinogenics
PP-64	Orhan Ertürk, Ayşe Karaduman, İşik Didem Karagöz, Bedrettin Selvi Mehmet Erdem, Neşe Erdoğan, Anfal İzaldeen Alkateeb, İbrahim Halil Kiliç, Mehmet Özaslan, Investigation of antibacterial activity of "Kaba Navruz" <i>Iris galatica</i> siehe Eendemic plant growing in Turkey
PP-65	Mehmet Erdem, Ayşe Karaduman, İşik Didem Karagöz, Bedrettin Selvi, Anfal İzaldeen Alkateeb, Neşe Erdoğan, İbrahim Halil Kiliç, Mehmet Özaslan An investigation on antibacterial activity of "Toros Süseni" (<i>Iris junonia</i> Schott.)
PP-66	Safwan Mouaket, Bedrettin Selvi, Mustafa Cilkiz Ayşe Karaduman, Mehmet Erdem, İşik Didem Karagöz, Neşe Erdoğan, İbrahim Halil Kiliç, Mehmet Özaslan Determination of antimicrobial activity of <i>Iris sari</i> schott. endemic plant growing in Turkey
PP-67	L. Sidali, M. Brada, M.L. Fauconnier, G. Lognay Chemical composition and antioxydant activity of <i>Thymus fontanesii</i> essential oil from Algeria

PP-68	<u>Mouhoubi Z.</u> Antioxidant activity of honey mixed with olive oil
PP-69	<u>Morteza Eskandani, Jalal Abdolalizadeh, Abolfazl Barzegari, Hossein Nazemiyeh, Jaleh Barar</u> Anti-proliferation inhibitory effect of galbanic acid during hypoxia and normoxia in tumors
PP-70	<u>Emaduldeen Abed, Ayşe Karaduman, İşik Didem Karagöz, Anfal İzaldeen Alkateeb, İbrahim Halil Kiliç, Mehmet Özaslan, Bedrettin Selvi, Mehmet Erdem, Mustafa Cilkiz</u> Researches on antibacterial activities of endemic plant <i>Iris kirkwoodii</i> C.
PP-71	<u>Moghtet Snoussi, Menad Najett, Kadi Hamid, Nahal Bouderra Nora, Meddah Boumediene, Moussaoui Abdallah</u> <i>Asphodelus tenuifolius</i> «Tazia of Bechar And Tindouf»; antifungal and antimycotoxicogenical effect of on mycotoxigenic fungi isolating from the imported france soft wheat marketed in the north and southern east Of Algeria
PP-72	<u>Mamou Djelili Farida</u> Physico-chemical evaluation of three varieties of olive oils as well as their mixtures harvested in Bejaïa (Algeria)
PP-73	<u>R. Benaraba, R. Benguiar, H. Hemida, A. Boumezrag</u> The protective effect of the green tea (<i>Camellia Sinensis</i>) regarding the <i>Metabolic</i> troubles associated of the obesity
PP-74	<u>Yaici Karima, Dahamna Saliha, Zouaoui Foulla, Khemkhoum Rokaya</u> <i>Erica Arborea</i> L. (<i>Ericaceae</i>) extracts inhibit <i>Bacillus</i> and <i>Staphylococcus</i> species

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