



**10th Conference on Medicinal and Aromatic Plants
of Southeast European Countries**

May 20-24, 2018, Split, Croatia



University of Zagreb, Faculty of Agriculture; e-mail: cmapseec2018@agr.hr

PROGRAMME

- preliminary version -

Programme overview

Time/Day	Sunday, May 20 th	Monday, May 21 st	Tuesday, May 22 nd	Wednesday, May 23 rd	Thursday, May 24 th	
8:00-9:00		Registration		Field Excursion (starts at 8:15, return to Split at approx. 18:00)		
9:00-10:00		Opening Ceremony	Phytochemical analysis, pharmacology, biological activity and toxicity		Phytochemical analysis, pharmacology, biological activity and toxicity	
10:00-11:00		Coffee Break	Coffee Break		Coffee Break	
11:00-12:00		Medicinal and aromatic plants ecology, diversity and ethnobotany	Phytochemical analysis, pharmacology, biological activity and toxicity		Phytochemical analysis, pharmacology, biological activity and toxicity	
12:00-13:00						Lunch Break
13:00-14:00		Lunch Break	Lunch Break		Lunch Break	
14:00-15:00		Poster Section (M-1)	Poster Section (Ph-1)		Poster (Ph-2, C-1) Section	
15:00-16:00						Cultivation, breeding and biotechnology of medicinal and aromatic plants
16:00-17:00		Medicinal and aromatic plants ecology, diversity and ethnobotany	Phytochemical analysis, pharmacology, biological activity and toxicity		Coffee Break	
17:00-18:00		Coffee Break	Sponsor Section		Cultivation, breeding and biotechnology of medicinal and aromatic plants	
		Medicinal and aromatic plants ecology, diversity and ethnobotany				Closing Ceremony
18:00-19:00		Registration				
19:00-20:00			Tour of Split			
20:00		Welcome Reception			Gala Dinner	Karaoke

Conference Programme

Monday, May 21st

9:00	Opening Ceremony
10:15	Coffee Break
11:00	MEDICINAL AND AROMATIC PLANTS ECOLOGY, DIVERSITY AND ETHNOBOTANY
11:00	Moderators: Zora Dajić Stevanović, Zlatko Šatović
11:00	Plenary lecture - Łukasz Łuczaj Ethnobotany of the Adriatic Islands in Croatia
11:35	Invited lecture - Zlatko Liber Chloroplast DNA Diversity and Phylogeography of <i>Salvia officinalis</i> L. and <i>Salvia lavandulifolia</i> Vahl
12:00	Ekaterina Kozuharova, Ina Aneva, Hristo Valchev, Dave Goulson Wild Labiates Aromatic Plants and their Bee Pollinators
12:15	Marija Jug-Dujaković, Ivana Šolić, Martina Grdiša, Łukasz Łuczaj, Filip Varga The Use of Medicinal Plants in the Knin Area, Croatia
12:30	Demush Bajraktari, Biljana Bauer, Zoran Kavrakovski, Lulzim Zeneli Environmental Pollution and Heavy Metals Accumulation in <i>Salix alba</i> L. (Salicaceae), Along the River Stream of Sitnica
12:45	Ivan Radosavljević, Zlatko Šatović, Oleg Antičić, Toni Nikolić, Dario Hruševar, Zlatko Liber Strong Influence of Clonality on the Fine Scale Spatial and Genetic Structure of <i>Salvia brachyodon</i> Vandas (Lamiaceae) Population
13:00	Lunch Break
14:30	Poster Section (M-1)
15:30	Moderators: Łukasz Łuczaj, Tonka Ninčević
15:30	Invited lecture – Zora Dajić Stevanović Wild Raspberry from the Central Balkan: From Ethnobotany to Bioactivity
15:55	Zlatko Šatović, Danijel Škrčić, Ivan Radoavljević, Marija Jug-Dujaković, Romeo di Pietro, Zlatko Liber Microsatellite Diversity of Dalmatian Sage Populations from the Balkan and Apennine Peninsulas
16:10	Kateřina Smékalová, Katarína Kaffková Medicinal Plants as a Food Source for Pollinators – Fluctuation of Attractiveness of Selected Species During the Day
16:25	Tonka Ninčević, Zlatko Liber, Marija Jug-Dujaković, Martina Grdiša, Dejan Pljevljakušić, Zlatko Šatović Genetic Diversity of Immortelle (<i>Helichrysum italicum</i> /Roth/ G.Don) Populations in Croatia
16:40	Coffee Break
16:55	Moderators: Ivan Šošarić, Zlatko Liber
16:55	Peggy Leontaritou, Fotini Lamari, Grigoris Iatrou, Vasilis Papatropoulos Genetic Diversity of Natural Populations of <i>Salvia fruticosa</i> Mill. and <i>Salvia pomifera</i> L. from Peloponnese Based on SSR Markers
17:10	Christian Zidorn Chemosystematics of the <i>Cichorieae</i> Tribe of the Asteraceae Family
17:25	İsmail Şenkardes, Gizem Bulut, Ahmet Doğan, Ertan Tuzlacı An Analysis on Wild Edible Plants of the Turkish Asteraceae Taxa
17:40	Martina Grdiša, Filip Varga, Marija Jug-Dujaković, Tonka Ninčević, Zlatko Liber, Ivan Radosavljević, Martina Biošić, Zlatko Šatović Genetic Background of Dalmatian Pyrethrum (<i>Tanacetum cinerariifolium</i> /Trevir. /Sch. Bip.) Insecticidal Potential
17:55	Filip Varga, Ivan Radosavljević, Martina Grdiša, Zlatko Šatović Predicting Suitable Habitat for Dalmatian Pyrethrum (<i>Tanacetum cinerariifolium</i> /Trevir. /Sch. Bip.) in Croatia
19:00	Tour of Split

Poster Section M-1 (Monday, May 21st, 14:30-15:30)

<p>P-1 <u>Marjol Meço</u>, Alfred Mullaj Assessing the Medicinal and Aromatic Plants in Watershed of the Middle Section of Devolli River</p>	<p>P-2 <u>Gizem Bulut</u>, Ahmet Dogan, Ismail Senkardes, Rojda Avcı, Ertan Tuzlacı The Medicinal and Wild Food Plants of Batman City Center and Kozluk District (Batman-Turkey)</p>
<p>P-3 Marina Mačukanović-Jocić, <u>Snežana Jarić</u> Medicinal Plants Traditionally Used in the Treatment of Diabetes in the Region of Suva Planina Mountain (Southeastern Serbia)</p>	<p>P-4 <u>Biljana Bauer</u>, Biljana Chuleva, Ana Kocevaska Ethnomedicinal Study of Preparations Obtained from <i>Juglandis immaturi fructus</i> from the Folk and Traditional Medicine of Republic of Macedonia</p>
<p>P-5 <u>Viktoria Marinova</u> Demographic Characteristics of the Local Population in Certain Settlements on the North Black Sea Coast (Bulgaria) in the Use of Medicinal Plants</p>	<p>P-6 <u>Violeta Dimitrova</u>, Alexander Tashev Investigation of Medicinal Plants on the Territory of Petrohan Training and Experimental Forest Range (Western Stara Planina, Bulgaria)</p>
<p>P-7 <u>İsmail Şenkardes</u>, Ahmet Doğan, Gizem Bulut Preliminary Study of the Folk Medicinal Plants Used in Taşkoprü (Kastamonu-Turkey)</p>	<p>P-8 Georgia Fassou, Gregoris Iatrou, Fotini Lamari, <u>Vassilis Papasotiropoulos</u> Genetic Diversity of <i>Helleborus odorus</i> Waldst. & Kit. subsp. <i>Cyclophyllus</i> (A. Braun) Maire & Petitm. Populations in Greece</p>
<p>P-9 <u>Marko S. Sabovljević</u>, Milorad Vujičić, Marija Ćosić, Aneta Sabovljević Some Insights into Properties of <i>Bryophytes</i> as Neglected Medicinal Plants</p>	<p>P-10 <u>Petya Boycheva</u> Ethnobotany of Medicinal Plants Used in Some Parts of the Northern Black Sea Coast Region (Bulgaria)</p>
<p>P-11 Elina Yankova-Tsvetkova, Ivalena Ilieva, <u>Stoyan Stoyanov</u>, Boriana Sidjimova, Marina Stanilova Reproductive Biology of the Endangered Bulgarian Endemic <i>Centaurea achtarovii</i> Urum. (Asteraceae)</p>	<p>P-12 Pedja Janačković, <u>Milan Gavrilović</u>, Dragana Rančić, Zora Dajić-Stevanović, Danijela Stešević, Petar D. Marin Anatomical and Micromorphological Investigations of <i>Artemisia arborescens</i> L. - Wild-Growing Medicinal Plant from Montenegro</p>
<p>P-13 <u>Seçil Karahüseyin</u>, Aynur Sarı Plants Traditionally Used as Antitussives in Turkey</p>	<p>P-14 <u>Ahmet Dogan</u> Medicinal Plants in Folk Tradition: an Preliminary Ethnobotanical Study of Pülümür (Tunceli-Turkey)</p>
<p>P-15 <u>Laima Šveistytė</u>, Alesia Kruchonok, Kristina Ložienė Feverfew <i>Tanacetum parthenium</i> (L.) Sch. Bip. – Native Species from South East Europe Used in Lithuanian and Belorussian Traditional Medicine</p>	<p>P-16 <u>Ibraliu Alban</u>, Gixhari Belul, Kadiasi Najada, Agastra Arlinda, Tako Rea, Hysko Jonida <i>Sideritis raeseri</i> Boiss. & Heldr. (Çaji i Malit) Distribution in Albania, Challenges for the Future</p>
<p>P-17 <u>Marina Stanilova</u>, Svetlana Bancheva, Malina Delcheva, Stoyan Stoyanov, Boriana Sidjimova, Boryanka Traykova <i>In Situ</i> Conservation of Three Endemic <i>Verbascum</i> Species in Bulgaria by Population Reinforcement</p>	<p>P-18 <u>Ivana Vitasović-Kosić</u>, Marija Jug-Dujaković, Katija Dolina, Mirjana Jeričević, Łukasz Łuczaj Plants Used in Traditional Alcoholic Beverages of the Adriatic Islands (Croatia)</p>
<p>P-19 Ina Aneva, <u>Ekaterina Kozuharova</u>, Peter Zhelev, Simeon Lukanov, Maria Peneva Medicinal Plants in the Intensively Managed Agricultural Landscape in Pazardzhik - Plovdiv Region of Bulgaria</p>	<p>P-20 <u>Boris Lazarević</u>, Klaudija Carović-Stanko Effect of Arbuscular Mycorrhizae on Phosphorus Deficit Stress During Early Development Stage of Basil (<i>Ocimum basilicum</i> L.)</p>
<p>P-21 <u>Peter Zhelev</u>, Ina Aneva, Antoaneta Trendafilova, Milka Todorova Genus <i>Inula</i> L. in Bulgaria – Distribution and Natural Habitats</p>	<p>P-22 Naela Costică, Anișoara Stratu, Irina Boz, <u>Elvira Gille</u> Comparative Anatomy, Micromorphology and Biochemistry of <i>Sambucus nigra</i> L. Fruits</p>
<p>P-23 <u>Yunus Dogan</u>, Anely Nedelcheva Medicinal Botanical Knowledge Among the Last Remaining Yörüks of the Balkans</p>	<p>P-24 <u>Ivan Šoštarić</u>, Zlatko Liber, Bojana Radulović, Zora Dajić Stevanović, Zlatko Šatović Assessment of Population Diversity in Wild <i>Rubus idaeus</i> L. Populations from Serbia</p>

<p>P-25 Višnja Oreščanin, <u>Štefica Findri-Guštek</u> The Treatment of Menorrhagia with Bioapigyn Herbal Ointment and Pessaries</p>	<p>P-26 Agastra Arlinda, Gixhari Belul, <u>Ibraliu Alban</u> Evaluation of the Diversity of Common Juniper (<i>Juniperus communis</i> L.) from the Tippical Geographic Areas in Albania</p>
<p>P-27 <u>Pietro Fusani</u>, Nicola Aiello, Luisa Palmieri, Stefano Piazza, Stefan Martens, Fabrizio Scartezzini Morphological, Agronomic and Genetic Characterization of <i>Rhodiola rosea</i> L. Accessions from the Province of Trento, as Preliminary Results for a Study on the Biodiversity of the Species</p>	<p>P-28 <u>Saifullah Naikandish</u> Essential Oil Extract, Determination of Nano-Emulsions Characteristic and Allelopathic Potential of Medicinal Plant <i>Ducrosia anethifolia</i> (Dc.) Boiss</p>
<p>P-29 <u>Ina Aneva</u>, Milena Nikolova, Peter Zhelev, Katya Georgieva Population Status and Habitats of <i>Allium ursinum</i> L. In Bulgaria</p>	<p>P-30 <u>Ina Aneva</u>, Elina Yankova, Peter Zhelev, Rozalia Nikolova Population Status and Habitat Characteristic of Two <i>Sideritis</i> Species in Bulgaria and Greece</p>
<p>P-31 Turan Akdag, <u>Süleyman Dogu</u>, Havva Nur Demir Traditional Herbal Teas Consumed in Mersin (Turkey)</p>	<p>P-32 <u>Svetlana Bancheva</u> Ethnobotanical Survey of Medicinal Plants from Asteraceae in Bulgaria</p>
<p>P-33 <u>Klaudija Carović-Stanko</u>, Zlatko Liber, Filip Varga, Martina Grdiša, Mihailo Ristić, Zlatko Šatović How Do Morphotypes and Chemotypes Relate to Genotypes? Intraspecies Diversity of <i>Ocimum basilicum</i> L.</p>	<p>P-34 <u>Ivana Šolić</u>, Filip Varga, Marija Jug-Dujaković, Łukasz Łuczaj, Martina Grdiša Traditional Preparation of Syrups, Marmalades, Liqueurs and Herbal Grappas in the Knin Area, Croatia</p>

Tuesday, May 22nd

9:00	PHYTOCHEMICAL ANALYSIS, PHARMACOLOGY, BIOLOGICAL ACTIVITY AND TOXICITY
	Moderators: Natalija Atanasova-Pancevska, Filip Varga
9:00	Plenary Lecture - Johannes Novak „ Chemistry and Bioactivity of <i>Salvia officinalis</i> L. and Related Species – a Multi-Layered Picture “
9:35	Invited Lecture - Hartwig Schultz „ Analysis of Aromatic and Medicinal Plants Applying Various Vibrational Spectroscopy Techniques – Possibilities and Limitations “
10:00	<u>Natalija Atanasova-Pancevska</u> , Dzoko Kungulovski <i>In Vitro</i> Antifungal Potency of Extract from Anise Fruits (<i>Pimpinella anisum</i> L.) and Five Essential Oils Against Some Plant Pathogenic Fungi
10:15	<u>Alev Onder</u> , Serap Gur, Didem Yilmaz-Oral The Clove Essential Oil and Its Major Component Eugenol Successfully Restored Erectile Dysfunction of Streptozotocin-Induced Type I Diabetes in Rats
10:30	Coffee Break
	Moderators: Hartwig Schultz, Verica Dragović-Uzelac
10:45	<u>Radu Ionita</u> , Paula Alexandra Postu, Marius Mihasan, Dragos Lucian Gorgan, Cornelia Mircea, <u>Monica Hancianu</u> , Lucian Hritcu, Oana Cioanca Ameliorative Effects of <i>Matricaria chamomilla</i> L. Hydroalcoholic Extract on Scopolamine-Induced Memory Impairment in Rats: A Behavioral and Molecular Study
11:00	<u>Natalija Atanasova-Pancevska</u> , Dzoko Kungulovski Antibacterial Activity of Crude Extracts of <i>Pinus nigra</i> J.F. Arnold and <i>Pinus sylvestris</i> L. Compare with Alpha- and Beta- Pinene
11:15	<u>Lea Pollak</u> , Andrea Adanić Pajić, Vedran Poljak Botanicals in Food Supplements and Novel Food
11:30	<u>Aleksandar Shkondrov</u> , Pavlinka Popova, Iliana Krasteva, Petranka Zdraveva, Iliana Ionkova Phytochemical Evaluation of <i>In Vitro</i> Cultures from <i>Astragalus glycyphyllos</i> L.
11:45	<u>Antoaneta Trendafilova</u> , Victoria Ivanova, Milka Todorova, Ina Aneva Biogenetic Relationship between Some <i>Inula</i> Species Growing in Bulgaria Based on Their Phytochemical Profile
12:00	<u>Yusuf Haruna</u> , Ukamaka Antimicrobial and Antifungal Activities of Methanol Extract of <i>Argemone mexicana</i> L. and Its Anti-Hepatitis Potential
12:15	<u>Branka Salopek-Sondi</u> , Ida Linić, Iva Pavlović, Jiri Gruz, Dunja Šamec How Does Abiotic Stress Influence a Health-Promoting Phytochemicals in <i>Brassica</i> Crops?
12:30	<u>Salim Bouchentouf</u> Molecular Modeling and Molecular Docking for Medicinal Plant Valorization
12:45	Lunch Break
14:15	Poster Section (Ph-1)
	Moderators: Pedja Janačković, Branka Salopek-Sondi
15:15	<u>Carmen E. Țebrencu</u> , <u>Elvira Gille</u> , Oana T. Ciuperca, Radu Necula, Ruxandra M. Cretu, Ionescu Elena Evaluation of the Polyphenolic and Phytosterolic Content from <i>Scirpoides holoschoenus</i> (L.) Soják
15:30	<u>Dunja Šamec</u> , Petra Ivanišević, Iva Pavlović, Ivana Radojčić-Redovniković, Branka Salopek-Sondi Bioactive Compounds in <i>Brassica oleracea</i> L. Vegetables Traditionally Grown in Croatia
15:45	<u>Rumyana Simeonova</u> , Vessela Vitcheva, Magdalena Kondeva-Burdina, Dimitrina Zheleva, Vessela Balabanova, Reneta Gevrenova Protective Potential of Lyophilized Extract of <i>Clinopodium vulgare</i> L. (Lamiaceae) in Spontaneously Hypertensive Rats (SHRS)
16:00	<u>Zlatina Kokanova-Nedialkova</u> , Paraskev Nedialkov UHPLC-HRMS Based Flavonoid Profiling of the Aerial Parts from <i>Chenopodium foliosum</i> Asch. (Amaranthaceae)
16:15	<u>Elvira Gille</u> , <u>Ruxandra Mihaela Cretu</u> , Valentin Grigoras, Radu Necula, Dana Bobit, Georgiana Luminita Gavril

	Phytochemical Evaluation of Some Food Supplements with <i>Melissa officinalis</i> L. from Romania
16:30	Coffee Break
16:45-17:45	Sponsor Section
20:00	Gala Dinner

Poster Section Ph-1 (Tuesday, May 22nd, 14:15-15:15)	
P-35 <u>Nina Djapic</u> , Vjekoslav Sajfert Volatile Compounds from <i>Foeniculum vulgare</i> Mill. Yellow Leaves Obtained by Supercritical Fluid Extraction	P-36 <u>Adam Matkowski</u> , Sonia Pandel, Ewa Mura, Sebastian Granica, Anatoliy Doroshenko, Nonna Ilyinska, Tatiana Gontova, Yana Kriukova Polyphenol Diversity and <i>In Vitro</i> Antioxidant Properties of Tubers of Ornamental <i>Dahlia</i> Varieties
P-37 <u>Majid Jafarimoghadam</u> , Elham Ghasemi, Nasim Khalesi The Effects of Organic Fertilizers on Carotenoid Compounds and Yield in Saffron (<i>Crocus sativus</i> L.)	P-38 Ivica Dimkić, Slaviša Stanković, Suzana Matijašević, Jelica Novaković, Milan Gavrilović, <u>Pedja Janačković</u> Antibacterial Activity of Different Leaf Extracts of <i>Centaurea calcitarpa</i> L. from Serbia
P-39 <u>Mariana Oalđe</u> , Ana Alimpić Aradski, Katarina Šavikin, Petar D. Marin, Sonja Duletić-Laušević <i>Origanum majorana</i> L. and <i>O. vulgare</i> L. from Serbia are Promising as Functional Food	P-40 <u>Mariana Oalđe</u> , Ana Alimpić Aradski, Katarina Šavikin, Sonja Duletić-Laušević Antioxidant and Antineurodegenerative Activities of <i>Melissa officinalis</i> L. And <i>Mentha X piperita</i> L. Cultivated in Serbia
P-41 <u>Huong Thi Nguyen</u> , Éva Zámboriné Németh Phytotoxic Activity of Aqueous Extracts from Different <i>Artemisia absinthium</i> L. Chemotypes on Seed Germination of Lettuce and Basil	P-42 Maja Molnar, <u>Martina Jakovljević</u> , Stela Jokić Optimization of Supercritical Fluid Extraction of Carnosic Acid from Sage Leaves (<i>Salvia officinalis</i> L.)
P-43 <u>Paraskev Nedialkov</u> , Yana Ilieva, Diana Ivanova, Alexander Tashev, Marta Olech, Renata Nowak, George Angelov, Flora Tsvetanova, Teodora Atanassova, Zlatina Kokanova-Nedialkova Combination of Cytostatic and Antioxidant Principles in Leukemia Cells Treatment	P-44 <u>Anca Toiu</u> , Valentin Florian Rauca, Manuela Banciu, Laurian Vlase, Ana-Maria Gheldiu, Alexandru Gâvan, Ilioara Oniga Standardized <i>Ajuga genevensis</i> L. Aerial Parts Extracts with Antitumor Potential
P-45 Bouzeraa-Bessila Meriem, <u>Bouzeraa Hayette</u> , Labeled Nawel Bioactivity and Chemical Profile Study of Essential Oils from Various Medicinal Plants	P-46 <u>Bouzeraa-Bessila Meriem</u> , Bouzeraa Hayette, Labeled Nawel Effect of Inoculation with Salt Tolerant Strain of <i>Rhizobium</i> on Growth and Protein Production of Alfalfa under Salt Constraints
P-47 Ivan Svinyarov, Rozalina Keremedchieva, <u>Milen G. Bogdanov</u> Ionic Liquid-Supported Solid-Liquid Extraction for the Quantitative Determination of Galantamine in <i>Leucojum aestivum</i> L. (Amaryllidaceae)	P-48 <u>Ana-Maria Gheldiu</u> , Anca Toiu, Laurian Vlase, Alina Pârvu, Andrei Mocan, Ilioara Oniga Phytochemical Evaluation and Assessment of Biological Effects of <i>Ajuga reptans</i> L. Aerial Parts from Romania
P-49 <u>Mihail Aleksandrov</u> , Viktorija Maksimova, Rubin Gulaboski, Liljana Koleva Gudeva Short Review of the Anticancer and Cytotoxic Activity of Some Species from Genus <i>Euphorbia</i>	P-50 <u>Ivan Svinyarov</u> , Milen G. Bogdanov Ionic Liquid-Assisted Micellar Extraction for the Quantitative Determination of Sesquiterpenic Acids in <i>Valeriana officinalis</i> L. (Caprifoliaceae)
P-51 <u>Anely Nedelcheva</u> , Venelina Angelkova, Ivan Svinyarov, Milen G. Bogdanov Microstructure of the Common Selfheal (<i>Prunella vulgaris</i> L.) Nutlets and Mucilage Envelope	P-52 Kateřina Smékalová, <u>Katarína Kaffková</u> Influence of Plant Age on the Content and Composition of Essential Oil of Fennel Seeds

<p>P-53 Katya Georgieva, Veselin Nanev, Nely Tsocheva-Gaytandzhieva, Ina Aneva, Strahil Berkov, <u>Milena Nikolova</u> Effect of <i>Artemisia absinthium</i> L. Extract against <i>Fasciola hepatica</i> Larvae</p>	<p>P-54 <u>Marija Nazlić</u>, Dario Kremer, Mirko Ruščić, Nada Bezić, Valerija Dunkić <i>Veronica cymbalaria</i> Bodard – When the GC-MS Peaks of Volatile Compounds Appear</p>
<p>P-55 <u>Yulian Voynikov</u>, Paraskev Nedyalkov, Dimitrina Zheleva-Dimitrova, Vessela Balabanova, Reneta Gevrenova LC-HRMS Profiling of Some Steroid Alkaloids from Leaves Extract of <i>Solanum schimperianum</i> Hochst.</p>	<p>P-56 <u>Violeta Milutinović</u>, <u>Silvana Petrović</u>, Marjan Niketić, Aleksej Krunić, Dejan Nikolić Phytochemical Analysis and Antiradical Potential of Methanol Extracts of <i>Hieracium naegelianum</i> Pančić and <i>H. scheppigianum</i> Freyn Underground Parts</p>
<p>P-57 Antoaneta Trendafilova, Victoria Ivanova, Gulmira Ozek, Suleyman Yur, Temel Ozek, Ina Aneva, Ralitzia Veleva, Tanya Topouzova-Hristova, Jordan Doumanov, <u>Milka Todorova</u> Antioxidant, Cytotoxic, Acetylcholinesterase and Tyrosinase Enzyme Inhibitory Activities of Six <i>Inula</i> Species from Bulgaria</p>	<p>P-58 <u>Blagica Jovanova</u>, Svetlana Kulevanova, Tatjana Kadifkova Panovska Determination of the Total Phenolic Content, Antioxidant Activity and Cytotoxicity of Selected Aromatic Herbs</p>
<p>P-59 Andrey S. Marchev, Darina T. Yazova, <u>Ivanka K. Koycheva</u>, Madeleine Neumann, Jutta Ludwig-Müller, Milen I. Georgiev NMR-Based Metabolomics of <i>Verbascum purpureum</i> (Janka) Hub. - Mor. and Their Transformed Roots</p>	<p>P-60 Pedja Janačković, Jelica Novaković, <u>Milan Gavrilović</u>, Nemanja Rajčević, Petar D. Marin Antioxidative Activity of Leaf Extracts of <i>Achillea coarctata</i> Poir. and <i>Hieracium waldsteinii</i> Tausch from Macedonia</p>
<p>P-61 Pedja Janačković, Milan Gavrilović, <u>Jelica Novaković</u>, Nemanja Rajčević, Danijela Stešević, Petar D. Marin Antioxidative Activity of Leaf Extracts of Three <i>Artemisia</i> Species from SE Europe</p>	<p>P-62 <u>Arijeta Shabani</u>, Marija Karapandzova, Ivana Cvetkovikj Karanfilova, Gjoshe Stefkov, Svetlana Kulevanova Determination of Total Hypericins of <i>Hypericum perforatum</i> L., from Different Locations in Western R. Macedonia</p>
<p>P-63 <u>Gulmira Ozek</u>, Antoaneta Trendafilova, Suleyman Yur, Ceyda A. Berdanoglu, Fatih Goger, Temel Ozek Evaluation of Inhibitory Potential of <i>Ligusticum alatum</i> (Bieb.) Sprengel Essential Oils and Extracts against Enzymes Involved in Alzheimer Disease and Type II Diabetes</p>	<p>P-64 <u>Stefan Kolašinac</u>, Ilinka Pećinar, Steva Lević, Dragana Rančić, Zora Dajić Stevanović, Hartwig Schulz Raman Spectroscopic Characterization of Carotenoids from Rose Hips Herbal Tea Mixtures</p>
<p>P-65 <u>Elma Vuko</u>, Gordana Rusak, Valerija Dunkić, Dario Kremer, Ivan Kosalec, Biljana Apostolska, Nada Bezić <i>Micromeria croatica</i> (Pers.) Schott - Chemical Composition and Variability of Essential Oil Depending on Locality</p>	<p>P-66 <u>Andrey S. Marchev</u>, Petya A. Dimitrova, Kalin Stoyanov, Milen I. Georgiev Influence of <i>Rhodiola rosea</i> L. Calli Extracts on CD4 T Cells Phenotype Changes</p>
<p>P-67 Oliver Tusevski, Marija Krstikj, Jasmina Petreska Stanoeva, Marina Stefova, <u>Sonja Gadzovska Simic</u> HPLC/DAD/ESI-MSN Analysis of Phenolic Compounds in <i>Hypericum perforatum</i> L. Wild-Growing Plants from Pelister National Park, Republic of Macedonia</p>	<p>P-68 <u>Kristiana Amirova</u>, Petya Dimitrova, Kalin Stoyanov, Deyan Donchev, Ivanka Koycheva, Andrey S. Marchev, Milen I. Georgiev Production of Nitric Oxide, Reactive Oxygen Species and Cox2 by Neutrophils under the Influence of <i>Clinopodium vulgare</i> L.</p>
<p>P-69 Komila Eshbakova, Gulmira Ozek, Süleyman Yur, <u>Temel Ozek</u> Chemical Composition and Free Radical Scavenging Properties of <i>Pulicaria salviifolia</i> Bunge., <i>P. gnaphalodes</i> (Vent.) Boiss. and <i>P. uliginosa</i> Steven Ex Dc. Essential Oils</p>	<p>P-70 Marin Zagnat, Corina Cheptea Comparative Analysis of Volatile Oils Obtained from Seven Romanian Brands of Chamomile Tea</p>

<p>P-71 <u>Helena Pluhackova</u>, Rastislav Boško, Sylvie Belakova Phenolic Compounds in Selected Plant Species</p>	<p>P-72 <u>Georgina Kosturkova</u>, Milena Nikolova, Margarita Dimitrova, Rositsa Todorova, Ravishankar Gokare <i>Glycine max</i> L. Merr. Secondary Metabolites as Nutraceuticals</p>
<p>P-73 <u>Asya Kozhuharova</u>, Strahil Berkov, Marina Stanilova Glycyrrhizin Content in the Roots of <i>Glycyrrhiza glabra</i> L. from Bulgarian Populations</p>	<p>P-74 <u>Enikő Détár</u>, Éva Zámboriné Németh, Zsuzsanna Pluhár Antioxidant Capacity and Total Polyphenol Content of Lavender Cultivars (<i>L. angustifolia</i> Mill., <i>L. x intermedia</i> (L.) Emeric) at Different Growing Areas in Hungary</p>
<p>P-75 <u>Snježana Bolarić</u>, <u>Valerija Dunkić</u>, Nada Bezić, Dario Kremer, Ksenija Karlović, Alenkatuković, Larisa Jelak, Siniša Srećec Variability of Total Essential Oils Content in Leaves of Bay Laurel (<i>Laurus nobilis</i> L.) in 12 Distinct Populations of Croatian Adriatic Area in Relation with Geographic Position of Locations, Leaf Lamina Surface and Genetic Variability</p>	<p>P-76 <u>Liliya Vasileva</u>, Kremena Saracheva, Mariya Ivanovska, Atanaska Petrova, Andrey Marchev, Milen Georgiev, Mariana Murdjeva, Damyanka Getova Antidepressant-Like Effect of Salidroside and Curcumin on the Immunoreactivity of Animals Subjected to a Chronic Mild Stress Model</p>
<p>P-77 <u>Maria Geneva</u>, Ira Stancheva, Marieta Hristozkova, Ely Zayova II. Do Plant Growth Regulators Influenced on Hyssop (<i>Hyssopus officinalis</i> L.) Antioxidant System during Micropropagation?</p>	<p>P-78 <u>Alev Onder</u>, Serap Gur, Didem Yilmaz-Oral <i>Vaccinium macrocarpon</i> Aiton (Cranberry) Extract causes the Relaxation in Rat <i>Corpus cavernosum</i> Tissue</p>
<p>P-79 <u>V. Bankova</u>, M. Popova, B. Trusheva, G. Grancharov, Y. Yordanov, D. Aluani, V. Tzankova, M. Kondeva-Burdina, B. Tzankov, K. Yoncheva, P. Petrov Block Copolymer Nanocarriers of Caffeic Acid Phenethyl Ester: Preparation and Antioxidant Activity</p>	<p>P-80 <u>M. Popova</u>, B. Trusheva, V. Bankova, K. Georgieva, Le Nguyen Thanh, I. Tsvetkova, H. Najdenski Propolis from Vietnam – Chemical Profiles, Plant Origin and Biological Activity</p>
<p>P-81 <u>Boryana Trusheva</u>, Kristina Georgieva, Rosa Dimitrova, Milena Popova, Vassya Bankova Chemical Characterization and Radical-Scavenging Activity of Propolis from Pitcairn Island</p>	<p>P-82 Milena Nikolova, Strahil Berkov, Margarita Dimitrova, Rositsa Todorova, <u>Georgina Kosturkova</u> GC/MS Based Metabolite Profiling of Bulgarian <i>Glycine max</i> Varieties</p>
<p>P-83 <u>Ljuboš Ušjak</u>, <u>Silvana Petrović</u>, Milica Drobac, Marjan Niketić Chemosystematic Significance of Underground Parts and Fruit Essential Oil Constituents of Nine <i>Heracleum</i> Taxa from Southeastern Europe</p>	<p>P-84 <u>Anja Golemac</u>, Sanja Radman, Božena Sočik, <u>Francois Xavier Pellay</u>, <u>Ivana Carev</u>, Olivera Politeo Screening of Cytotoxicity of <i>Centaurea</i> Species Aqueous Extracts Fractions on Human Fibroblasts</p>
<p>P-85 <u>Milena Nikolova</u>, Ina Aneva, Petar Zhelev, Strahil Berkov GC/MS Based Metabolite Profiling and Antioxidant Activity of Balkan and Bulgarian Endemic Plants</p>	<p>P-86 <u>Justyna Krzyżanowska-Kowalczyk</u>, Łukasz Pecio, <u>Mariusz Kowalczyk</u> Pulmonariosides A and B – New Phenolic Compounds from the Aerial Part of <i>Pulmonaria officinalis</i> L</p>
<p>P-87 Ina Aneva, <u>Petar Zhelev</u>, Kalina Alipieva, Vassya Bankova, Strahil Berkov, Kalina Danova, Marina Dimitrova, Iva Doycheva, Ivan Evtimov, Katya Georgieva, Kristina Georgieva, Tsvetinka Grozdanova, Vladimir Ilinkin, Viktoriya Ivanova, Todor Karakiev, Teodor Nedelin, Milena Nikolova, Rozaliya Nikolova, Milena Popova, Borianna Sidjimova, Marina Stanilova, Stoyan Stoyanov, Milka Todorova, Boryanka Traikova, Antoaneta Trendafilova, Elina Yankova Genus <i>Thymus</i> in Bulgaria – a New Project Aimed at Revealing of Species' Metabolite Profile and Genetic Diversity</p>	

Thursday, May 24th

9:00	PHYTOCHEMICAL ANALYSIS, PHARMACOLOGY, BIOLOGICAL ACTIVITY AND TOXICITY
	Moderators: Gjoshe Stefkov, Elma Vuko
9:00	Invited Lecture - Mladen Brnčić „Novel Extraction Technologies for Medical and Aromatic Plants “
9:25	Marius Emil Rusu, Andrei Mocan, Anca Pop, Ionel Fizesan, Ana-Maria Gheldiu, Ioan Tomuta, Laurian Vlase, <u>Daniela-Saveta Popa</u> The Investigation of Biological Activity of Several Walnut (<i>Juglans regia</i> L.) Septum Extracts
9:40	<u>Shkelqim Karaj</u> , Alice-Jaqueline Hack, Joachim Müller Thin Layer Drying Behaviour of <i>folium cum flore Crataegi</i> from Different Plant Flowering Stages
9:55	<u>Reneta Gevrenova</u> , Barbara Kołodziej, Max Henry Current Approach and Challenge for the Profiling of Glucuronide Oleanane-Type Triterpenoid Carboxylic Acid 3, 28-O-Bidesmosides (Gotcab) Saponins. A Case Study of <i>Gypsophila</i> L. (Caryophyllaceae)
10:10	Vessela Balabanova, Niko Benbassat, Yulian Voynikov, Reneta Gevrenova, <u>Dimitrina Zheleva-Dimitrova</u> State of the Art Method on the Base of GC-Orbitrap-HRMS for Sesquiterpene Lactones in <i>Arnica montana</i> L
10:25	Coffee Break
	Moderators: Dejan Pljevljakušić, Dunja Šamec
10:40	<u>Vessela Balabanova</u> , Reneta Gevrenova, Dimitrina Zheleva-Dimitrova, Iassen Hristov, Paulina Sugareva, Valentin Lozanov Bioinformatic Inside on <i>Portulaca oleracea</i> L. (Purslane) with Bulgarian and Greek Origin
10:55	Marius Emil Rusu, Andrei Mocan, Ana-Maria Gheldiu, Daniela-Saveta Popa, Ioan Tomuța, <u>Laurian Vlase</u> Optimal Experimental Design Developed to Prepare Walnut (<i>Juglans regia</i> L.) Septum Extracts with High Content of Bioactive Compounds
11:10	Hakan Ozer, <u>Furkan Coban</u> , Ebru Mete Essential Oil Composition of <i>Tanacetum parthenium</i> L. from Eastern Black Sea Region, Turkey
11:25	<u>Cornelia Mircea</u> , Cristina Tuchilus, Oana Cioanca, Cristina Iancu, Ursula Stanescu, Gabriela Tatarînga, Monica Hancianu Aflatoxigenic Strains Isolated from Medicinal Herbs
11:40	<u>Ivan Salamon</u> Common Juniper (<i>Juniperus communis</i> L.) in Slovakia
11:55	Stefan Martens, Eirini Sarrou, Paschalina Chatzopoulou Targeted Metabolite Profiling to Support Chemical and Biochemical Characterisation of Medicinal and Aromatic Plants (Maps)
12:10	Lunch Break
13:40	Poster Section (Ph-2, C-1)
	CULTIVATION, BREEDING AND BIOTECHNOLOGY OF MEDICINAL AND AROMATIC PLANTS
	Moderators: Frank Marthe, Ivan Salamon
14:40	Plenary Lecture – Milen I. Georgiev „Metabolomics, Plant Biotechnology and Lead Finding: Perfect Holistic Match?“
15:15	Invited Lecture - Dejan Pljevljakušić „Choosing the Right Approach for Conducting Medicinal Plants Cultivation Trial “
15:40	Coffee Break
	Moderators: Milen I. Georgiev, Gvozden Dumičić
15:55	<u>Péter Radácsi</u> , Katalin Inotai, Péter Rajhárt, Szilvia Sárosi, Éva Németh-Zámboriné Effect of Irrigation on the Production and Secondary Metabolites of Summer Savory (<i>Satureja hortensis</i> L. 'Budakalászi')
16:10	<u>Furkan Coban</u> , Hakan Ozer

	Impact of Nitrogen Fertilization and Sowing Norms on Chlorophyll Fluorescence of Fenugreek (<i>Trigonella foenum-graceum</i> L.) Genotypes
16:25	<u>Ivan Salamon</u> The Successful Breeding Work of Medicinal Plants in Slovakia
16:40	<u>Steffen Schock</u> , Sebastian Romuli, Joachim Müller Drying Performance of Amaranth Leaves (<i>Amaranthus</i> spp) using an Inflatable Solar Dryer
16:55	<u>Oana Cioanca</u> , Cristina Cerasela Mircea (Arsene), Ana Flavia Burlec, Adrian Spac, Andreea Corciova, Elvira Gille, Silvia Robu, Monica Hancianu Assessment of the Profile and Accumulation Dynamics of Secondary Metabolites in Fertilized Ornamental Asteraceae
17:10	Johannes Kittler, Hans Krüger, Ute Kästner, Ulrike Lohwasser, Detlef Ulrich, Bärbel Zeiger, Christoph Böttcher, Andrea Krähmer, Gennadi Gudi, Heidi Heuberger, Anna Artemyeva, Olga Zvereva, Daniel Becker, <u>Frank Marthe</u> Two New Chemotypes of Balm (<i>Melissa officinalis</i> L.)
17:25	Closing Ceremony

Poster Section Ph-2 (Thursday, May 24 th)	
P-88 <u>Le Viet Dung</u> , Le Van Minh An In Vitro Study on <i>Combretum quadrangulare</i> Kuz., <i>Vernonia amygdalina</i> Del. and <i>Clerodendrum inerme</i> (L.) Gaertn. Plant Species from the South of Vietnam for A-Amylase Inhibitory Activity	P-89 Gabriela Vochita, Cosmin-Teodor Mihai, Pincu Rotinberg, Elena Ionescu, Carmen-Elena Tebrencu, <u>Ruxandra-Mihaela Cretu</u> , Daniela Gherghel Preliminary Data on the Impact of <i>Sorbus aucuparia</i> L. Bark Extract on In Vitro Cell Viability
P-90 Camelia P. Stefanache, <u>Valentin Grigoras</u> , Radu Necula, Adriana Trifan, Oana Bujor, Nina Ciocarlan, Xavier Simonnet Phenolic Content and Profile of Three <i>Artemisia</i> Species from Republic of Moldova	P-91 <u>Jana Benešová</u> , Helena Pluháčková Variability and Composition of Essential Oil Content of Selected Spices (<i>Ocimum basillicum</i> L., <i>Satureja hortensis</i> L. and <i>Majorana hortensis</i> Moench.)
P-92 <u>Ivanka Dimitrova-Dyulgerova</u> , Iliya Zhelev Main Phenolic Compounds and Antioxidant Activity of Methanolic Extract of <i>Carduus kernerii</i> Simonkai ssp. <i>Austro-Orientalis</i> Franco Inflorescences	P-93 <u>Oana Cioanca</u> , Cristina Cerasela Mircea (Arsene), Ana Flavia Burlec, Adrian Spac, Andreea Corciova, Elvira Gille, Silvia Robu, Monica Hancianu Morphologic and Chemical Profile of Two <i>Ajuga</i> Species Cultivated in Northern Romania
P-94 <u>Ira Stancheva</u> , Maria Geneva, Marieta Hristozkova, Ely Zayova Content of Biologically Active Compounds in <i>Hyssopus officinalis</i> L. Traditionally Cultivated, In Vitro Propagated and Plants from Natural Habitats	P-95 <u>Ivica Kos</u> , Zlatko Janječić, Klaudija Carović Stanko, Ivan Vnučec, Ivan Širić, Toni Safner, Dalibor Bedeković Influence of Medicinal and Aromatic Plants on Egg Yolk Sensory Traits in Laying Hen
P-96 <u>G. Stefkov</u> , I. Cvetkovikj, Karanfilova, V. Kerluku, M. Karapandzova, S. Kulevanova Concern on the Pharmacopoeia Extraction Procedure for Determination of Arbutin Content in Bearberry Leaves	P-97 Remo Dorneanu, Oana Cioanca, Cornelia Mircea, Oana Chifiriuc, Cristina Tuchilus, Cristina Iancu, Ana Flavia Burlec, Andreea Corciova, Ivan Salamon, <u>Monica Hancianu</u> Investigation of the Antibacterial Activity of Some Anthocyanidin-Rich Extracts on Clinical Isolates of Upec
P-98 Dana Tenžera, Danijela Bursać Kovačević, Matea Mirković, Predrag Putnik, <u>Verica Dragović-Uzelac</u> Microwave and Ultrasound Assisted Extractions of Polyphenols from Dandelion (<i>Taraxacum officinale</i> (L.) Weber Ex F.H. Wigg) Root and Leaf	P-99 Magdalena Kondeva-Burdina, Georgi Popov, <u>Aleksandar Shkondrov</u> , Iliana Krasteva, Vassil Manov Evaluation of the Antioxidant Potential of Alcesefoliside from <i>Astragalus monspessulanus</i> L. in In Vitro Cell Systems
P-100 <u>Valentin Grigoras</u> , Ruxandra-Mihaela Cretu, Radu Necula, Georgiana-Luminita Gavril, Elvira Gille Characterization of Invasive Plant Species for Possible Use in Phytoterapy	P-101 <u>Tereza Muchová</u> , Jarmila Neugebauerová Evaluation of the Edible Flowers of Medicinal Plants
P-102 <u>Diandra Pintać</u> , Marija Lesjak, Nataša Simin, Dejan Orčić, <u>Neda Mimica-Dukić</u> Comparison of Phenolic Composition and Biological Activity of Commercially Available White Wines Originating from Fruška Gora, Serbia	P-103 <u>N. Ukwuani-Kwaja</u> , T. A Omodele, S. Umar Antinociceptive Activity of Methanolic Leaves Extract of <i>Crateva adansonii</i> Dc. in Albino Rat

<p>P-104 <u>Martina Biošić</u>, Ines Topalović, Dario Dabić, Filip Varga, Martina Grdiša Extraction of Pyrethrins from Dalmatian Pyrethrum (<i>Tanacetum cinerariifolium</i> /Trevir. / Sch. Bip.) By Matrix-Solid Phase Dispersion</p>	<p>P-105 <u>Jarmila Neugebauerová</u>, Klára Sedláčková Evaluation of <i>Glycyrrhiza</i> L. Genetic Resources in the Czech Republic</p>
<p>P-106 <u>Antoaneta Trendafilova</u>, Nikolina Kutova, Gulmira Ozek, Milka Todorova, Suleyman Yur, Temel Ozek Phenolic Profile, Antioxidant, Acetylcholinesterase and Tyrosinase Enzyme Inhibitory Activities of Endemic <i>Jurinea tzar-ferdinandii</i> Davidov</p>	<p>P-107 <u>Ivana Cvetkovikj Karanfilova</u>, Gjoshe Stefkov, Marija Karapandzova, Marija Glavash-Dodov, Maja Simonovska Carcarevska, Ljubica Cambuleva, Dushko Shalabalija, Vesna Kotevska, Ana Kaftandzieva, Svetlana Kulevanova Chitosan-Pectine Microparticles Loaded with Sage Extract for Extending Shell-Life of Sausages</p>
<p>P-108 <u>Anca Boldea</u>, Radu Necula, Ruxandra Mihaela Cretu, Georgiana Luminita Gavril, Elvira Gille Nutraceuticals Based on Bioactive Principles of Vegetal Origin</p>	<p>P-109 <u>Marko Petek</u>, Boris Lazarević, Tomislav Karažija, Mihaela Šatvar, Iris Vuletić, Mirjana Herak Čustić Carrot Juice as Functional Food of Plant Origin</p>
<p>P-110 <u>Nadia Fekih</u>, Hocine Allali, Salima Merghache, <u>Salim Bouchentouf</u>, Jean Costa <i>In Vitro</i> Assessment of Two Species of the Genus <i>Pinus</i> Growing in Algeria for Their Antimicrobial and Antioxidant Activity</p>	<p>P-111 <u>Ivona Elez Garofulić</u>, Sandra Pedisić, Sanja Dragović, Mateja Cestar, Valerija Fabijanić, Jasna Žibert, Verica Dragović-Uzelac Influence of Harvest Time and Growing Location on the Phenolics and Antioxidant Activity of Mastic Tree Leaves</p>
<p>P-112 <u>Marija Karapandzova</u>, Ivana Cvetkovikj Karanfilova, Gjoshe Stefkov, Svetlana Kulevanova Antioxidative Potential of Macedonian Pine</p>	<p>P-113 <u>Cristina Iancu</u>, <u>Cornelia Mircea</u>, Oana Cioanca, Andreea Murărașu, Nina Filip, Madalina Mocanu, Monica Hancianu <i>Pelargonium radens</i> H. E. Moore: Phytochemical Profile and <i>In Vitro</i> Antioxidant Activity</p>
<p>P-114 <u>Azra Đulović</u>, Andrea Sedlar, Vedrana Čikeš-Čulić, Ivana Generalić Mekinić, Franko Burčul, Ivica Blažević <i>Bunias erucago</i> L.: Chemistry and Biological Activity</p>	
Poster section C-1 (Thursday, May 24th)	
<p>P-115 <u>Vladimir Ilinkin</u>, Marina Stanilova Initiation of <i>In Vitro</i> Clones of <i>Tanacetum cinerariifolium</i> Trevir. Sch. Bip. (Asteraceae)</p>	<p>P-116 <u>Boryanka Traykova</u>, Marina Stanilova, Milena Nikolova, Strahil Berkov Growth and Essential Oils of <i>Salvia officinalis</i> L. Plants Derived from Conventional or Aeroponic Produced Seedlings</p>
<p>P-117 <u>Boryanka Traykova</u>, Marina Stanilova Rooting of Leaves of <i>Haberlea rhodopensis</i> Friv. (Gesneriaceae) using a Vertical Aeroponic System</p>	<p>P-118 <u>Lilyana Nacheva</u>, Nataliya Dimitrova, Valeria Ivanova <i>In Vitro</i> Establishment and Culture of Endangered Medicinal Plants with Ornamental Value <i>Camptotheca acuminata</i> Decne (Nyssaceae)</p>
<p>P-119 <u>Oliver Tusevski</u>, Marija Krstikj, Ivona Rashkovska, Marija Runtevska, <u>Sonja Gadzovska Simic</u> Antioxidant Enzymes and Oxidative Stress Markers in <i>Hypericum perforatum</i> L. Transgenic Shoot Cultures</p>	<p>P-120 <u>Giannis Anastasopoulos</u>, Peggy Leontaritou, Vassilis Papisotiropoulos, Gregoris Iatrou, <u>Fotini N. Lamari</u> Seasonal Variation of the Essential Oil and Polyphenol/Flavonoid Content of Leaves of <i>Salvia fruticosa</i> Mill. And <i>S. pomifera</i> L. Plants Cultivated in the Botanical Garden of University of Patras</p>
<p>P-121 <u>Ely Zayova</u>, Maria Geneva, Ludmila Dimitrova, Maria Petrova Shoot Multiplication System of Hyssop (<i>Hyssopus officinalis</i> L.)</p>	<p>P-122 <u>Eleni Wogiatzi</u>, Eirini Sarrou, Athina Logotheti, Alexandros Vrachoritis, Kyriakos Gianoulis, <u>Paschalina Chatzopoulou</u> The Effect of Irrigation and Organic Fertilization on the Essential Oil Composition of <i>Matricaria chamomilla</i> L.</p>
<p>P-123 <u>Eirini Sarrou</u>, Nikos Ploumidis, Kostas Antoniadis, Paschalina Chatzopoulou, Eleni Abraham</p>	<p>P-124 <u>Hiwa M. Ahmed</u>, Szilvia Tavaszi-Sárosi, <u>Péter Radácsi</u>, Éva Németh-Zámbori</p>

<p>Phenotypic Evaluation of <i>Sideritis scardica</i> Gris. Selected Clones, and Pre-Breeding Evaluation for Yield Potential and Qualitative Traits</p>	<p>Phytochemical Investigations of Three Different Accessions of <i>Perilla frutescens</i> (L.) Britt.</p>
<p>P-125 <u>Antonín Vaculík</u>, Helena Pluháčková, Jana Benešová Options of Herbicides Protection of Marian Thistle (<i>Silybum marianum</i> L.)</p>	<p>P-126 Smiljana Goreta Ban, <u>Gvozden Dumičić</u> Auxin Application to Enhance Rooting of Dalmatian Sage, Immortelle and Lavandin</p>
<p>P-127 <u>Daniel Becker.</u>, Frank Marthe. Breeding Synthetics in Caraway (<i>Carum carvi</i> L.)</p>	<p>P-128 <u>G. Stefkov</u>, Z. Keskovski, M. Darkovska Serafimovska Cultivation Practices of the First Large Scale Indoor Facilities for Production of High THC Cannabis in Republic of Macedonia</p>