

August 13, 2018 - Monday

S29- Advances in Production and Processing of Medicinal and Aromatic Plants

08:45-09:00

Welcome Session

Session Chair:

09:00-09:15

09:15-09:30

09:30-09:45

Botanical ingredient adulteration: How commonly used analytical techniques are fooled
Stefan Gafner, Mark Blumenthal, Steven Foster, John H. Cardellina II, Ikhlas Khan, Roy Upton

09:45-10:00

10:00-10:15

10:15-10:30

Differential effect of harvest period and location on the levels of Phytochemicals, Radical Scavenging Activity and Bile Acid Binding Capacity of Dandelion leafy green
Bhimanagouda Patil, Maricella Giomez, Jashbir Singh, Jayaprakasha G.K.

10:30-11:00

Coffee Break / Poster Presentations

Session Chair:

11:00-11:15

11:15-11:30

11:30-11:45

11:45-12:00

12:00-12:15

12:15-12:30

12:30-14:00

Mastic Tree: Past, Present, Future. And its Potential Importance for Turkey - **Murat Isfendiyaroglu**

Morphological, phenological, and metabolic profiling of Greyia species
Riana Kleynhans, Victoria Ing, Gerhard Prinsloo

Effect of Explant Type and Plant Growth Regulator on Callus Formation for Potential Production Secondary Metabolites in Cnidium officinale - **Luc The Thi, Muhammad Adil, Byoung Ryong Jeong**

Chemotypic diversity of Rosmarinus officinalis L. in the collection of the Nikitsky Botanical Gardens
Natalya M arko, Oksana Shevchu, Ludmila Khlypenko, Sergey Feskov, Lev Dmitriev

Medicinal plants and traditional ethnoveterinary practices by rural community of Lebanon
Nelly Arnold-Apostolides, Hatem Naser, Safa Baydoun

Comparative study of essential oil and extracts from Artemisia herba-alba Asso. Growing Wild in Lebanon
Hatem Naser, Nelly Arnold-Apostolides

Lunch / Poster Presentations

Session Chair:

14:00-14:15

Optimisation of breeding, cultivation, and post-harvest treatments of Artemisia annua L
Christoph Carlen, Mélanie Quennoz, Xavier Simonnet





30th International Horticultural Congress

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14:15-14:30	Comparison of LED and HPS illumination effect on cultivation of red pak choi microgreens under indoors and greenhouse conditions Ausra Brazaityte, Viktorija Vastakaite, Jule Jankauskiene, Akvile Virsile, Giedre Samuoliene, Sandra Sakalauskiene, Algirdas Novickovas, Jurga Miliauskiene, Pavelas Duchovskis
14:30-14:45	Investigating of characteristics of two medicinal halophytes of <i>Salsola imbricata</i> and <i>Suaeda fruticosa</i> under different levels of salinity- Rostam Yazdani-Bioui, Milad Doos t-Hosaini, Hamid Sodaeezadeh, Mohammad sarafraz-Ardakani, Hakimzadeh-Ardekani
14:45-15:00	Chemical composition of essential oil of <i>Laurus nobilis</i> L Derra hepaksoy, Aysun Boza
15:00-15:15	Biological and physiological potential of bioactive compounds in <i>Abies Koreana</i> Jinee Kim, Chungkwang Lee
15:15-15:30	Assessment of Turmeric (<i>Curcuma</i> Spp.) For Production in Alabama, USA Rao Mentreddy, Kamala Bhat, Thilini Ranatu nga, Dennis Shannon, Tia Gonzales, Keonna Hunter
15:30-16:00	Coffee Break / Poster Presentations
Session Chair:	
16:00-16:15	Aromatic rose varieties of the Nikitsky Botanical Gardens - Nataiya Marko, Ludmila Khlypenko, Yuri Plugatar
16:15-16:30	Observation Glandular Trichomes and Analysis Volatile Compoundsfor <i>Opisthopappus taihangensis</i> (Ling) Shih and Other Four Kinds of <i>Chrysanthemum</i> Using SPME-GCMS - Ming Sun, Yanhong Guo, Xuejun Shi, Jlan Zhong
16:30-16:45	Bioactive phytometabolite identification through FT-IR and DART-MS in essential oil of African marigold (<i>Tagetes erecta</i> L.) Namrta Singh, Sandeep Ranjvanshi, Deepa H Dwlveld
16:45-17:00	Phytochemical characterization of pumpkin seed extracts with antiparasitic action Iriani Mald onade, Eleuza Machado, Geovani Amaro, Rita Luengo, Maria Isabe I Lozada, Livia Lacerda
17:00-17:15	Establishing a Juniper (<i>Juniperus communis</i>) production industry in New Zealand L.H.J. Huub Kerckhoffs, Svelta Sofkova-Bobcheva, Talon Sneddon, Dave James, Eve Kawana-Brown
17:15-17:30	Effects of Mini-Cuttings Length and Medium Substrates on Multiplication of <i>Melicope Ptelefolia</i> Farahzety Abdul Mutalib, Malaysia; farahzety@mardi.gov.my (presenting author) Mr. Ab Kahar Sandrang, Malaysia; skahar@mardi.gov.my (co-author) Mr. M. Khairul A. umadi, Malaysia; mkanuar@mardi.gov.my (co-author)
17:30-18:00	Business Meeting

