

SCIENTIFIC PROGRAMME

13th September 2018, Thursday

16.00-19.00 **Registration** *Officirski dom showroom*

19.00-21.00 **Welcome reception** *Officirski dom showroom*

14th September 2018, Friday

08.00-09.30 **Registration** *University rectorate building*

09.30-10.10 **Opening Ceremony** *University rectorate building*

Session I Chairs: Agnieszka Ludwiczuk (Lublin, Poland)

10.10-12.40 Niko Radulović (Niš, Serbia)

10.10-10.55 **PL1** **Nicolas Baldovini** (Nice, France)

“Applying organic synthesis in the analysis of essential oils”

10.55-11.15 **Coffee break**

11.15-12.00 **PL7** **Fabio Boylan** (Dublin, Ireland)

“Pharmacologically active derivatives of anthranilic acid occurring naturally in essential oils”

12.00-12.20 **OP1** **Petras Rimantas Venskutonis** (Kaunas, Lithuania)

“Essential oils from 11 Cannabis sativa cultivars isolated by different methods and toxicological evaluation of their components”

12.20-12.40 **OP2** **Margita Utczás** (Budapest, Hungary)

“Novel analytical tool for a univocal flavor and fragrance identification: Gas chromatography coupled with condensed-phase FTIR and TOF mass spectrometry”

13.00-14.30 **Lunch** *New City Hotel*

Session II Chairs: Chlodwig Franz (Vienna, Austria)

14.30-16.35 Nicolas Baldovini (Nice, France)

14.30-15.15 **PL2** **Daniel Strub** (Wrocław, Poland) and **Stanislaw Lochynski** (Wrocław, Poland)

“Stereochemistry of volatiles—the status and perspectives”

15.15-15.35 **OP3** **Györgyi Horváth** (Pécs, Hungary)

“Applicability of cinnamon bark essential oil in respiratory tract diseases—from in vitro to in vivo experiments”

15.35-15.55 **OP4** **Huong Thi Nguyen** (Budapest, Hungary)

“Changes in the volatile compounds of two

			<i>wormwood (Artemisia absinthium L.) accessions under controlled weather conditions”</i>
15.55-16.15	OP5	Ewa Maciejczyk (Łódź, Poland)	<i>“Juniper berry (Juniperus communis L.) supercritical extract, essential oil and absolute comparison”</i>
16.15-16.35	SP1	Presentation of the sponsor: Neža Rangus (ARXFARM d.o.o., Slovenia)	<i>Helichrysum oil from the Balkan peninsula</i>
17.00-18.30	Poster Session I	Odd numbers (like PP1, PP3, PP5, etc.)	
	and	<i>Oficirski dom showroom</i>	
	Coffee Break		
19.00-	ISEO Permanent Scientific Committee meeting		
15th September 2018, Saturday			
Session III	Chairs:	Luigi Mondello (Messina, Italy)	
09.00-10.55		Stanislaw Lochynski (Wrocław, Poland)	
09.00-09.45	PL3	Agnieszka Ludwiczuk (Lublin, Poland)	<i>“Bryophyte volatiles: chemical diversity, chemotaxonomic significance and biological activity”</i>
09.45-10.15	IS2	Gordana Stojanović (Niš, Serbia)	<i>“Static headspace GC-MS analysis versus GC-MS analysis of essential oils”</i>
10.15-10.35	OP6	Isiaka A. Ogunwande (Lagos, Nigeria)	<i>“Chemical constituents, antiinflammatory and antinociceptive activities of essential oils from Cordia millenii, Bougainvillea glabra and Phyllanthus muellerianus”</i>
10.35-10.55	OP7	Guy Kamatou (Pretoria, South Africa)	<i>“An overview of the biological activities and essential-oil composition of three South African Salvia species”</i>
10.55-11.15	Coffee break		
Session IV	Chairs:	Humberto Bizzo (Rio de Janeiro, Brazil)	
11.15-13.00		Johannes Novak (Vienna, Austria)	
11.15-12.00	PL4	Luigi Mondello (Messina, Italy)	<i>“Linear retention index approach applied to liquid chromatography coupled to PDA and QqQ MS detectors for reliable characterization of oxygen heterocyclic compounds in essential oils and finished cosmetic products”</i>

12.00-12.20	OP8	Carmen M.S. Ambrosio (São Paulo, Brazil) <i>“Chemical composition, antibacterial and antioxidant activity of a citrus essential oil and its fractions”</i>
12.20-12.40	OP9	Ayaka Uehara (Nice, France) <i>“Characterization of the odorant constituents of Helichrysum italicum essential oil”</i>
12.40-13.00	OP10	Filomena Silva (Zaragoza, Spain) <i>“Cyclodextrin nanosponges as a new encapsulating agent for essential oils and their effectiveness against foodborne pathogens”</i>
13.00-14.15	Lunch	<i>New City Hotel</i>
Session V	Chairs:	Jan Karlsen (Oslo, Norway)
14.15-16.20		Hüsnü Can Başer (Eskischir, Turkey)
14.15-15.00	PL5	Michael Keusgen (Marburg, Germany) <i>“Volatile compounds of the genus Allium L.”</i>
15.00-15.20	SP2	Presentation of the sponsor: Nikunj Harlalka (Sankhubaba International, India) <i>“Community-based production and organic certification of aromatic & medicinal crops in India”</i>
15.20-16.20	WS	Workshop: Dragan Zlatković (Niš, Serbia) <i>“GC-MS made easy: AMDIS in the analysis of complex mixtures of volatiles”</i>
16.30-18.00	Poster Session II	Even numbers (like PP2, PP4, PP6, etc.)
	and	<i>Oficirski dom showroom</i>
	Coffee Break	
19.00-24.00	Gala Dinner	<i>Wine cellar Malča</i>
16th September 2018, Sunday		
Session VI	Chairs:	Éva Németh-Zámboriné (Budapest, Hungary)
09.00-10.35		Fatih Demirci (Eskisehir, Turkey)
09.00-09.45	PL6	Ioanna Chinou (Athens, Greece) <i>“The regulatory framework for the quality and safe use of essential oils as herbal medicinal products. Selected examples from our Balkan “neighborhood”</i>
09.45-10.15	IS3	Neda Mimica-Dukić (Novi Sad, Serbia) <i>“Therapeutic efficiency of essential oils against Helicobacter pylori infection”</i>
10.15-10.35	OP11	Milica Pejčić (Niš, Serbia) <i>“Inhibitory effects of Ocimum basilicum and Salvia</i>

officinalis essential oils on virulence factors of Pseudomonas aeruginosa clinical isolates”

10.35-11.00 Coffee break

Session VII Chairs: Patrizia Rubiolo (Turin, Italy)

11.00-12.50 Györgyi Horváth (Pécs, Hungary)

11.00-11.30 **IS1 Yoshinori Asakawa** (Tokushima, Japan)

“Highly efficient production of functional substances from synthetic compounds and secondary metabolites by mammal and microbial biotransformation”

11.30-11.50 **OP12 Nikola Stojanović** (Niš, Serbia)

“Evidences for lemon-balm essential oil suppression of anxiety-related behavior in animal and in vitro models”

11.50-12.10 **OP13 Leidy J. A. Ferro** (Pécs, Hungary)

“Cytotoxicity and the effect on the inflammation response of thyme oil and thymol: evaluation in human macrophage cells”

12.10-12.30 **OP14 Jacek Łyczko** (Wrocław, Poland)

“The Jerusalem Balsam—a case study of a 150-year-old sample”

12.30-12.50 **OP15 Elwira Sieniawska** (Lublin, Poland)

“Microemulsions of essential oils – an improvement of solubility or something more?”

13.00-13.30 Closing Ceremony

13.30-14.45 Lunch *New City Hotel*

15.00-19.00 Half-day Excursion