

**International Congress and  
Annual Meeting of the Society  
for Medicinal Plant and  
Natural Product Research**

**Budapest, Hungary, 23 – 27 August 2015**

**[www.ga2015.hu](http://www.ga2015.hu)**



# Program

**Local organizer**



**Institute of  
Pharmacognosy,  
Faculty of Pharmacy,  
University of Szeged**

Time	23 August, Sunday	24 August, Monday	25 August, Tuesday	26 August, Wednesday	27 August, Thursday
9:00	Symposium Bartók Hall	Opening Ceremony (35') GA Award Lecture (35') Planta Medica Best Paper Award (10')	PL-4 (45')	PL-8 (45')	Excursions to Pannonhalma & Tihany
10:00	Break	PL-1 (45')	Coffee Break (30')	PL-9 (45')	
11:00	Symposium Bartók Hall	Coffee Break (30')	GA Award Lecture The Centenary Anniversary of RIMPH	Coffee Break (30')	
12:00	Lunch break	PL-2 (45')	SL-3A (6x15') Pátria Hall	SL-5A (6x15') Pátria Hall	
13:00	Symposium Bartók Hall	SL-1A (4x15') Pátria Hall	SL-3A (6x15') Bartók Hall	SL-5B (6x15') Bartók Hall	
14:00	Break	SL-1B (4x15') Bartók Hall	SL-3A (6x15') Liszt Hall	SL-5C (6x15') Liszt Hall	
15:00	Symposium Bartók Hall	Lunch Break (90')	Lunch Break (90')	Lunch Break (100')	
16:00	Break	PL-3 (45')	PL-6 (45')	Poster Session 2 (120') with Coffee Break	
17:00	Symposium Bartók Hall	SL-2A (4x15') Pátria Hall	SL-4A (5x15') Pátria Hall	Closing Ceremony (30')	
18:00	Break	SL-2B (4x15') Bartók Hall	SL-4B (5x15') Bartók Hall		
19:00	Break	SL-2C (4x15') Liszt Hall	SL-4C (5x15') Liszt Hall		
20:00	Break	Poster Session 1 (120') "Posters & Wine"	GA Members Meeting Bartók Hall	Congress Dinner	
	Get Together Party	Concert			

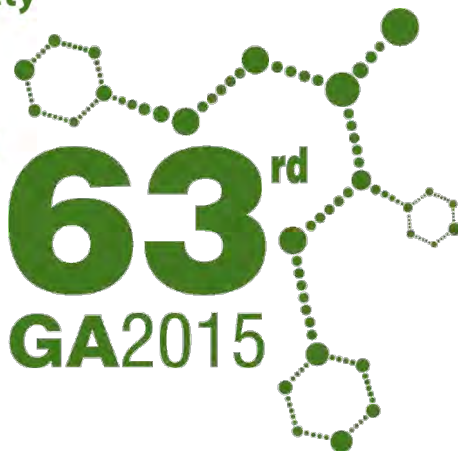
REGISTRATION (and Monday-Wednesday 8:30-19:00)

Regulatory Affairs Workshop Lehár Hall	9th Young Researchers Workshop Liszt F-R Hall/Liszt III Hall parallelly
Break	Break
Regulatory Affairs Workshop Lehár Hall	9th Young Researchers Workshop Liszt F-R Hall/Liszt III Hall parallelly

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# **Program**

## Organizing society



## Local organizer



## Local Organizing Committee

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*Photos by Tamás Thaler*

# Detailed program

Sunday, 23 August 2015

8:30-19:00	<b>Registration</b>	
9:00-16:15	Pre-congress symposium <i>(program on the page 76)</i>	<i>Bartók Hall</i>
13:00-17:30	Regulatory Affairs Workshop <i>(program on the page 77)</i>	<i>Lehár Hall</i>
13:00-17:00	9 <sup>th</sup> Young Researchers Workshop <i>(program on the page 78-79)</i>	<i>Liszt I-II Hall / Liszt III Hall parallely</i>
19:00-21:00	<b>Get Together Party</b>	<i>Pátria Hall</i>

Monday, 24 August 2015

8:00 –	<b>Registration</b>	
9:00-9:35	<b>Opening Ceremony</b> <i>Chair: Matthias Hamburger</i>	<i>Pátria Hall</i>
9:35-10:10	<b>Bionorica Phytoneering Award Lecture</b>	<i>Pátria Hall</i>
10:10-10:20	<b>Planta Medica Best Paper Award</b>	<i>Pátria Hall</i>
10:20-11:05	<b>Plenary Lecture 1</b> <i>Chair: Luc Pieters</i> <b>Approaches and progress toward bioactive leads from fungi</b> <i>Oberlies, Nicholas H. – United States</i>	<i>Pátria Hall</i>
11:05-11:35		<b>Coffee Break</b>
11:35-12:20	<b>Plenary Lecture 2</b> <i>Chair: Wolfgang Blaschek</i> <b>3D feature-based pharmacophore models: efficient tools for profiling natural products</b> <i>Langer, Thierry – Austria</i>	<i>Pátria Hall</i>

	<b>Short Lecture Session 1A</b> <i>Pátria Hall</i>	<b>Short Lecture Session 1B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 1C</b> <i>Liszt Hall</i>
12:30-13:30	<b>Pharmacokinetics of phytochemicals</b> <i>Chair: Veronika Butterweck</i>	<b>New opportunities for biotechnology and cell biology</b> <i>Chair: Anastasia Karioti</i>	<b>From natural products toward potential drug leads</b> <i>Chair: Anna Rita Bilia</i>
12:30-12:45	<b>Ion mobility spectrometry for detection of <i>Cannabis sativa</i> L. metabolites from exhaled breath</b> <i>Kayser, O., Vautz, W., Hariharan, C.</i>	<b>Learning from plants – Microbial production of plant specialized compounds</b> <i>Crocoll, C., Mirza, N.M., Reichelt, M., Halkier, B.A.</i>	<b>Investigation of euphrasianins as novel chemotaxonomic lipid markers of <i>Euphrasia</i> species</b> <i>Lorenz, P., Knittel, D.N., Conrad, J., Stintzing, F.C., Kammerer, D.R.</i>
12:45-13:00	<b>Pre-clinical pharmacokinetics of the hERG blocking iboga alkaloid voacangine from <i>Voacanga africana</i></b> <i>Mair, C.E., Silva, C.M., Grienke, U., Carreño, F., Kratz, J.M., Dalla Costa, T., Rollinger, J.M.</i>	<b>DNA Authentication of raw herbal drugs for industrial quality assurance</b> <i>Slater, A., Cayrou, C., Howard, C., Scheyhing, U., Schötz, K., Sgamma, T., Williams, S., Koch, E.</i>	<b>Epicatechinoceanothic acid A and B, novel catechin-bonded ceanothane-type triterpenoids isolated from roots of <i>Ziziphus jujuba</i></b> <i>Kang, K.B., Kim, H.W., Jeong, A.J., Ye, S.K., Sung, S.H.</i>
13:00-13:15	<b>High-throughput prediction of passive intestinal absorption of natural products and plant extracts with the PAMPA assay</b> <i>Petit, C., Bujard, A., Skalicka-Woźniak, K., Cretton, S., Houriet, J., Christen, P., Carrupt, P.A., Wolfender, J.L.</i>	<b>Relative transcript analysis of a UDP glycosyltransferase and salidroside content in response to biotransformation of precursors in <i>Rhodiola rosea</i> L. callus culture</b> <i>Mirmazloum, L., Kiss-Baba, E., Ladányi, M., Pedryc, A., György, Zs.</i>	<b>Distribution and HPLC-DAD-ESI-MS characterization of diarylheptanoids in several Central European species of the Fagales</b> <i>Alberti, A., Riethmüller, E., Tóth, A., Tóth, G., Béni, Sz., Kéry, Á.</i>
13:15-13:30	<b>Herbal medicinal products: Synergy in pharmacology and toxicology</b> <i>Kelber, O., Abdel-Aziz, H., Schrenk, D.</i>	<b>Using xanthohumol as a tool to reveal an AMPK-mediated boost of the Nrf2/HO1 signalling axis</b> <i>Zimmermann, K., Dirsch, V.M., Heiss, E.</i>	<b>Chemistry and biological activity of molecules derived from <i>Isatis tinctoria</i></b> <i>Riepl, H., Aminake, M.A.N., Prokop, A.</i>
13:30-15:00	<b>Lunch Break</b>		

15:00-15:45	<b>Plenary Lecture 3</b> <i>Pátria Hall</i> <i>Chair: Michael Heinrich</i> <b>African perspectives on natural product research based on ethnobotanical and ethnopharmacological knowledge</b> <i>Van Wyk, Ben-Erik – South Africa</i>		
	<b>Short Lecture Session 2A</b> <i>Pátria Hall</i>	<b>Short Lecture Session 2B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 2C</b> <i>Liszt Hall</i>
16:00-17:00	<b>Clinical and observational studies with herbal products</b> <i>Chair: Sibylle Buchwald-Werner</i>	<b>Medicinal plants in the treatment of chronic diseases</b> <i>Chair: Robert Fürst</i>	<b>From natural products toward potential drug leads</b> <i>Chair: Deniz Tasdemir</i>
16:00-16:15	<b>Never-ending Cranberry story: <i>In vivo</i>, <i>ex vivo</i> and <i>in vitro</i> studies indicate that tannin-depleted extracts from <i>Vaccinium macrocarpum</i> inhibit bacterial adhesion of uropathogenic <i>E. coli</i> by blocking FimH adhesion</b> <u>Hensel, A., Rafsanjany, N.</u>	<b>The impact of birch bark triterpenes on keratinocytes derived from diabetic donors</b> <u>Wardecki, T., Werner, P., Thomas, M., Templin, M., Schmidt, G., Brandner, J., Merfort, I.</u>	<b>A novel anti-chemoresistance agent designed from natural products by targeting GSTO</b> <u>Yang, J-C., Jang, Y-J., Chuang, D-W., Wu, Y-C.</u>
16:15-16:30	<b><i>Sabal serrulata</i> – an assessment of clinical studies in LUTS</b> <u>Görne, R., Wegener, T., Feistel, B., Kelber, O., Reichling, J.</u>	<b>Glycosylated compounds from immature okra fruits inhibit the adhesion of <i>Helicobacter pylori</i> to gastric cells</b> <u>Thoele, C., Koenig, S., Siva, K., Hensel, A.</u>	<b>Specific role of oxidized species in the bioactivity of two antioxidants: Apigenin and 20-hydroxyecdysone</b> <u>Dankó, B., Csábi, J., Hsieh, T.J., Wang, H.C., Vidakovic, M., Trouillas, P., Tóth, G., Hunyadi, A.</u>
16:30-16:45	<b>Quality, bioavailability and clinical application of a new lecithin delivery system of <i>Boswellia serrata</i> extract</b> <u>Riva, A., Morazzoni, P., Appendino, G., Abdel-Tawab, M.</u>	<b>A phytomedicine approach to stem cell modulation for heart regeneration</b> <u>Schade, D.</u>	<b>Phytohormone derivatives targeted to several cancer hallmarks</b> <u>Strnad, M., Kryštof, V., Jorda, R., Řezníčková, E., Gucký, T., Zatloukal, M.</u>



<b>CTD</b>	<b>Short Lecture Session 2A</b> <i>Pátria Hall</i>	<b>Short Lecture Session 2B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 2C</b> <i>Liszt Hall</i>
16:45- 17:00	<b><i>Ficus carica</i> (fig) paste supplementation in patients with multiple sclerosis associated constipation; a double blind randomized clinical trial</b> <i>Sardari, M., Rezaeizadeh, H., Minaei, B., Heydari, M.</i>	<b>Exploring for bioactive secondary metabolites from the Chinese medicinal mangroves</b> <u><i>Guo, Y.W.</i></u>	<b>Cytotoxic xanthenes isolated from the stem bark of Malaysian bintangor trees, <i>Calophyllum</i> spp.</b> <u><i>Mah, S.H., Ee, G.C.L., Teh, S.S.</i></u>
17:00- 19:00	<b>Poster Session 1 – “Posters &amp; Wine”</b>		
20:00-	<b>Concert</b>		<i>Matthias Church</i>

## Tuesday, 25 August 2015

9:00- 9:45	<b>Plenary Lecture 4</b> <i>Chair: Jürg Gertsch</i> <b>The <i>Cannabis</i> plant and the endocannabinoids: How an ancient medical plant helps uncovering of a major signaling system in our body</b> <i>Katona, István – Hungary</i>	<i>Pátria Hall</i>
9:45- 10:30	<b>Plenary Lecture 5</b> <i>Chair: Jürg Gertsch</i> <b>Natural substances and neurodegenerative diseases: From molecular mechanisms to clinical effects</b> <i>Eckert, Anne – Switzerland</i>	<i>Pátria Hall</i>
10:30-11:00	<b>Coffee Break</b>	
11:00- 11:35	<b>Egon Stahl-Award in Silver Lecture</b>	<i>Pátria Hall</i>
11:35- 11:55	<b>The Centenary Anniversary of RIMPH Research Institute for Medicinal Plants and Herbs, Budakalasz/Hungary – The 100 years of peace and war botanicals in the first industrial R&amp;D center of MPHs in EU</b> <i>Pallos, J. P. – Hungary</i>	<i>Pátria Hall</i>

	<b>Short Lecture Session 3A</b> <i>Pátia Hall</i>	<b>Short Lecture Session 3B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 3C</b> <i>Liszt Hall</i>
12:00-13:30	<b>Metabolomics in medicinal plant research</b> <i>Chair: Rudolf Bauer</i>	<b>From natural products toward potential drug leads</b> <i>Chair: De-an Guo</i>	<b>Medicinal plants and natural products in animal healthcare and veterinary medicine</b> <i>Chair: Jacobus N. Eloff</i>
12:00-12:15	<b>A comprehensive platform for the identification and mode of action characterization of bioactive natural products from complex libraries</b> <i>Linington, R.G.</i>	<b>Redefining natural product screening and characterization using MS technologies</b> <i>Isaac, G., Yuk, J., Patel, D., Qiao, L., Wrona, M., Diehl, D., Yu, K.</i>	<b>Medical efficacy of Ayurvedic herbs in reducing SCC of dairy cattle under Dutch conditions</b> <i>Groot, M., Raeijmaeckers, L., Thybaut, R., Nij Bijvank, H., van 't Hooft, K., Vreriks, M.</i>
12:15-12:30		<b>Xanthones from the bitter plants <i>Gentiana lutea</i>, <i>Centaurium erythraea</i>, and <i>Frasera carolinensis</i> (Gentianaceae) inhibit vascular smooth muscle cell (VSMC) proliferation</b> <i>Waltenberger, B., Liu, R., Atanasov, A., Schwaiger, S., Heiss, E.H., Dirsch, V.M., Stuppner, H.</i>	<b>Flavonoids present in ruminant diet affect the contractility of bovine isolated abomasum specimens</b> <i>Mendel, M., Chłopecka, M., Dziekan, N., Karlik, W.</i>
12:30-12:45	<b>Metabolomics and dereplication strategies in the discovery of natural product derived drugs</b> <i>Tawfike, A.F., Tawfik, N., Edrada-Ebel, R.</i>	<b>Neuroactive alkaloids from <i>Psychotria</i> (Rubiaceae) are SIRT inhibitors</b> <i>Simoes-Pires, C.A., Passos, C.S., Ryckewaert, L., Sacconnay, L., Guerra, M.C., Kato, L., Oliveira, C.M., Nurisso, A.</i>	<b>Impetus of phytochemicals on broiler performance during periods of infectious stresses</b> <i>Syed, B.A.S.</i>

<b>CTD</b>	<b>Short Lecture Session 3A</b> <i>Pátria Hall</i>	<b>Short Lecture Session 3B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 3C</b> <i>Liszt Hall</i>
12:45-13:00	<b>A metabolomic and phytochemical based study of <i>Rhodiola</i> species sourced from Asia and Europe</b> <i>Booker, A.J., Zhai, L., Heinrich, M.</i>	<b>Ursolic acid and 12-O-methylcarnosic acid from the leaves of <i>Rosmarinus officinalis</i> L. suppressed melanin production with downregulation of tyrosinase expression in HMV-II melanoma cells</b> <i>Kai, H., Maeda, A., Nagatomo, A., Tahara, N., Koura, S., Matsuno, K.</i>	<b>Controlling gastrointestinal nematodes of goats with plant extracts</b> <i>Lèbre, A., Harinck, E., Bouy, M., Heckendorn, F.</i>
13:00-13:15	<b>Metabolomics and chemoinformatics approaches to identify natural compounds of interest from Asteraceae</b> <i>Rosa, A.L., Oliveira, T.B., Da Costa, F.B.</i>	<b>Enriching the biologically relevant space sampled by natural products through biotransformations: speeding up the natural-product based drug discovery process</b> <i>Tzakos, A., Chatzikonstantinou, A., Gerothanassis, I., Chatziathanasiadou, M., Stamatis, C., Sayyad, N.</i>	<b>Role of Ethno-veterinary Practices (EVP) in reducing antimicrobial resistance in livestock production systems: a field experience</b> <i>Nair, B.M.N., Natesan, N.P., Kempanna, K.</i>
13:15-13:30	<b>High-resolution fungal plasma membrane H<sup>+</sup>-ATPase profiling combined with hyphenated HPLC-HRMS-SPE-NMR for identification of antifungal constituents in plants</b> <i>Staerk, D.</i>	<b>α-Glucosidase inhibiting compounds from <i>Justicia secunda</i> VAHL (Acanthaceae) – from HPTLC bioautography screening to isolation and structure elucidation</b> <i>Theiler, B.A., Istvanits, S., Zehl, M., Urban, E., Marcourt, L., Espinoza, C.U.O., Glasl, S.</i>	<b>Selected oral presentation from the 9<sup>th</sup> Young Researchers Workshop</b>
13:30-15:00	<b>Lunch Break</b>		
13:00-15:00	<b>African Network Research Meeting</b> <i>Lehár II-III Hall</i>		

13:45-15:00	<b>GA-Networking Workshop on Animal Healthcare and Veterinary Medicine</b> <i>Bartók Hall</i>		
15:00-15:45	<b>Plenary Lecture 6</b> <i>Pátria Hall</i> <i>Chair: Judith Rollinger</i> <b>Computational approaches to natural products-based lead discovery</b> <i>Schneider, Gisbert – Switzerland</i>		
15:45-16:30	<b>Plenary Lecture 7</b> <i>Pátria Hall</i> <i>Chair: Judith Rollinger</i> <b>Limitations of <i>in vitro</i> assessments of the drug interaction potential of botanical supplements</b> <i>Markowitz, John S. – United States</i>		
16:30-17:00 <b>Coffee Break</b>			
	<b>Short Lecture Session 4A</b> <i>Pátria Hall</i>	<b>Short Lecture Session 4B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 4C</b> <i>Liszt Hall</i>
17:00-18:15	<b>Medicinal plants in the treatment of chronic diseases</b> <i>Chair: Sandra Apers</i>	<b>Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements</b> <i>Chair: Nikolas Fokialakis</i>	<b>From natural products toward potential drug leads</b> <i>Chair: Sami A. Khalid</i>
17:00-17:15	<b><i>Haemanthus coccineus</i> extract shows profound anti-inflammatory actions <i>in vitro</i> and <i>in vivo</i> due to its main alkaloid narciclasine</b> <i>Fuchs, S., Hsieh, L.T., Saarberg, W., Erdelmeier, C.A.J., Wichelhaus, T.A., Schaefer, L., Koch, E., Fürst, R.</i>	<b>UHPLC-qTOF-MS, and SFC-qTOF-MS, combined with traveling wave ion mobility, enables a more comprehensive and reliable analysis of plant metabolites</b> <i>Malitsky, S., Rogachev, I., Aharoni, A., Tishbee, A.</i>	<b>Antiadhesive effect of <i>Agropyron repens</i> L. rhizome extract against uropathogenic <i>E. coli</i> and pinpointing (E)-hexadecyl 3-(4-hydroxyphenyl) acrylate as active ingredient</b> <i>Sarshar, S., Hensel, A.</i>
17:15-17:30	<b>Non-cellulosic glucans as novel initiators for human keratinocyte differentiation: a new approach for wound healing</b> <i>Esch, S., Zacharski, D., Brandt, S., König, S., Ulrich-Merzenich, G., Hensel, A.</i>	<b>Plant-associated Fungi in <i>Plantago lanceolata</i> L.: effects on plant drug quality and the bioactive natural products</b> <i>Gonda, S., Szűcs, Zs., Kiss-Szikszai, A., Vasas, G.</i>	<b>Antifungal activity of quinoline alkaloids from <i>Waltheria indica</i></b> <i>Cretton, S., Dorsaz, S., Favre-Godal, Q., Azzollini, A., Marcourt, L., Wolfender, J.L., Cuendet, M., Christen, P.</i>

CTD	Short Lecture Session 4A <i>Pátria Hall</i>	Short Lecture Session 4B <i>Bartók Hall</i>	Short Lecture Session 4C <i>Liszt Hall</i>
17:30- 17:45	<b>Gastroprotective activity of the rhizome ethanol extract of <i>Zingiber simaoense</i> Y. Y. Qian in rats</b> <i>Baiubol, P., Kunanusorn, P., Khonsung, P., Chiranthanut, N., Panthong, A., Rujjanawate, C.</i>	<b>The (complete) species composition (plants and Fungi) of two commercial samples of <i>Salviae officinalis</i> folium</b> <i>Lukas, B., Schmiderer, C., Novak, J.</i>	<b>Callyaerins, cyclic peptides from the Indonesian marine sponge <i>Callyspongia aerizusa</i> with potent and selective antitubercular activity</b> <i>Daletos, G., Hartmann, R., Kalscheuer, R., Proksch, P.</i>
17:45- 18:00	<b>Anti-inflammatory stilbenoids and cannabispiradienone derivatives from <i>Tragopogon tommasinii</i> Sch. Bip</b> <i>Granica, S., Piwowarski, J.P., Randazzo, A., Schneider, P., Żyżyńska-Granica, B., Zidorn, C.</i>	<b><i>Bryophyllum pinnatum</i>, a herbal product used in obstetrics and gynecology: New insights into its pharmacological actions and chemical constituents</b> <i>Potterat, O., Oufir, M., Seiler, C., Gerodetti, M., Gerber, J., Wächter, R., Simoes-Wüst, A.P., Mennet-von Eiff, M., Brenneisen, R., von Mandach, U., Hamburger, M.</i>	<b>Search for antifungal compounds using a susceptible strain of <i>Candida albicans</i> and <i>in vivo</i> activity with the <i>Galleria mellonella</i> model</b> <i>Favre-Godal, Q., Dorsaz, S., Queiroz, E.F., Ebrahimi, S., Marcourt, L., Gupta, M., Sanglard, D.</i>
18:00- 18:15	<b>Bronchipret® film-coated tablets exert potent anti-inflammatory activity in a rat model of bronchoalveolitis</b> <i>Seibel, J., Ammendola, A., Haunschild, J., Lehner, M.D.</i>	<b>Enzymatic bioautography on HPTLC: combined phytochemical and activity screening tool for quality assessment and <i>in vitro</i> cultivation bioprocess control for selected medicinal plants from the Balkan region</b> <i>Wolfram, E., Bräm, S., Kalina, D., Meier, B.</i>	<b>Antiparasitic neolignans from leaves of <i>Nectandra leucantha</i></b> <i>Lago, J.H.G., Grecco, S.S., Tempone, A.G., Costa-Silva, T.A., Jerz, G.</i>
18:30- 20:30	<b>GA Members Meeting</b> <span style="float: right;"><i>Bartók Hall</i></span>		

9:00-9:45	<b>Plenary Lecture 8</b> <span style="float: right;"><i>Pátria Hall</i></span> <i>Chair: Andreas Hensel</i> <b>From traditional uses of Mesoamerican medicinal plants to modern phytotherapy in Guatemala</b> <i>Cáceres, Armando – Guatemala</i>		
9:45-10:30	<b>Plenary Lecture 9</b> <span style="float: right;"><i>Pátria Hall</i></span> <i>Chair: Andreas Hensel</i> <b><i>Helichrysum italicum</i>: back to medicine from the tinsel of luxury</b> <i>Appendino, Giovanni – Italy</i>		
<b>Coffee Break</b>			
	<b>Short Lecture Session 5A</b> <i>Pátria Hall</i>	<b>Short Lecture Session 5B</b> <i>Bartók Hall</i>	<b>Short Lecture Session 5C</b> <i>Liszt Hall</i>
11:00-12:30	<b>From natural products toward potential drug leads</b> <i>Chair: Dezső Csupor</i>	<b>Ethnobotany and ethnopharmacology</b> <i>Chair: Christian Agyare</i>	<b>Natural products in CNS-related diseases</b> <i>Chair: Oliver Kayser</i>
11:00-11:15	<b>Semi-synthetic preparation, structural elucidation and pharmacological study of nitrogen-containing ecdysteroid analogs</b> <i>Vágvölgyi, M., Martins, A., Csábi, J., Dankó, B., Molnár, J., Tóth, G., Hunyadi, A.</i>	<b>Anthelmintic effects of tannin-rich plants and oligomeric proanthocyanidin clusters against parasitic and free-living nematodes</b> <i>Spiegler, V., Raue, K., Strube, C., Liebau, E., Hensel, A.</i>	<b>Effects of a <i>Melissa officinalis</i> special extract on mood and cognitive function</b> <i>Buchwald-Werner, S., Vazquez, I.</i>
11:15-11:30	<b>Charting biological activity in chemical property space using ChemGPS-NP</b> <i>Backlund, A., Buonfiglio, R., Henz, A., Vikeved, E., Lai, K.H., Kogej, T.</i>	<b>Osteoprotective activity from <i>Pholidota articulata</i> Lindley (Orchidaceae): A traditional plant used for healing fractures in Uttarakhand Himalaya, India</b> <i>Sharma, C., Arya, K.R., Singh, D.</i>	<b>The blood-brain barrier permeability properties of plant <i>N</i>-alkylamides</b> <i>Veryser, L., Wynendaele, E., De Spiegeleer, B.</i>

CTD	Short Lecture Session 5A <i>Pátia Hall</i>	Short Lecture Session 5B <i>Bartók Hall</i>	Short Lecture Session 5C <i>Liszt Hall</i>
11:30- 11:45	<p><b>2,3-Dehydrosilybin: A new potent inhibitor of Glyceraldehyde-3-phosphate-dehydrogenase from <i>Trypanosoma brucei</i> identified by in silico screening and an enzyme inhibition assay</b> <i>Herrmann, F.C., Schmidt, T.J.</i></p>	<p><b>Rationalization of the traditional use of <i>Antidesma ghaesembilla</i> to treat hormone related disorders</b> <i>Schäfer, S., Broschk, S., Kurras, S., Schwaiger, S., Stuppner, H., Vollmer, G., Wober, J.</i></p>	<p><b><i>Agrimonia pilosa</i> Ledeb. prevents cognitive dysfunction and energy and glucose dysregulation in rats with experimentally induced memory loss</b> <i>Park, S., Ko, B.S., Ryuk, J.</i></p>
11:45- 12:00	<p><b>Availability and quality of biomass as key factor for large scale isolation of natural products</b> <i>Cvak, L.</i></p>	<p><b>The preliminary study searching a potential activity of <i>Lamium album</i> extracts as a background for their traditional use</b> <i>Czerwińska, M.E., Kiss, A.K.</i></p>	<p><b>Preclinical evidence for rational use of bergamot essential oil in pain trials</b> <i>Bagetta, G., Berliocchi, L., Rombolà, L., Morrone, L.A., Sakurada, T., Corasaniti, M., Sakurada, S.</i></p>
12:00- 12:15	<p><b>Separation and purification of nine platycosides from <i>Platycodi Radix</i> by pHPLC and a flash-freeze treatment</b> <i>Zeng, L., Zhong, J., Zhu, M., Yan, W.</i></p>	<p><b>Anti-hyperuricemia natural products from medicinal plants used by local tribes in Indonesia</b> <i>Kusuma, I.W., Arung, E.T., Ramadhan, R., Aryani, F., Kim, Y.U.</i></p>	<p><b>Structural modification of xanthohumol C and the effect on inducing differentiation in neural precursor cells</b> <i>Urmann, C., Kirchinger, M., Bieler, L., Couillard-Després, S., Aigner, L., Riepl, H.</i></p>
12:15- 12:30	<p><b>Selected oral presentation from the 9<sup>th</sup> Young Researchers Workshop</b></p>	<p><b>Kew's medicinal plant names services (MPNS) enable effective information retrieval and communication</b> <i>Dauncey, E.A., Irving, J., Black, N., Edwards, S.E., Patmore, K., Paton, A., Allkin, R.</i></p>	<p><b>Salicin from willow bark can modulate neurite outgrowth in human neuroblastoma SH-SY5Y cells</b> <i>Wölfle, U., Haarhaus, B., Kersten, A., Fiebich, B.</i></p>

12:30-14:10

**Lunch Break**

14:10-16:10

**Poster Session 2 with Coffee Break**

16:10-16:40

**Closing Ceremony**

*Pátria Hall*

17:30-23:00

**Congress Dinner**

*Lázár Equestrian Park*

Thursday, August 27, 2015

8:00-

17:00

**Excursion day**





# POSTER SESSION

## MONDAY

Code	Presenter	Title	Session
PM-01	KELBER, Olaf	Regulatory restrictions in prokinetic drugs: Phytotherapy to fill the gap left by cisapride, metoclopramide and domperidone in the therapy of functional gastrointestinal diseases	Clinical and observational studies with herbal products
PM-02	BADER, Gerd	Immunotoxicological safety and observational studies of homeopathic preparations from <i>Aspergillus niger</i> and <i>Aspergillus ruber</i>	Clinical and observational studies with herbal products
PM-03	KUHLMANN, Maike	Capsaicin Heat Plaster in the treatment of muscular back pain. Results of a non-interventional observational study	Clinical and observational studies with herbal products
PM-04	ZHUSSUPOVA, Galiya	Clinical trials of locally produced herbal tincture "Limonidin"	Clinical and observational studies with herbal products
PM-05	ARDJOMAND-WOELKART, Karin	<i>Vaccinium macrocarpon</i> (cranberry) reduces intake of antibiotics in the treatment of non-severe lower urinary tract infections: A drug monitoring study	Clinical and observational studies with herbal products
PM-06	KELBER, Olaf	Consumer experience with a solid extract preparation of <i>Althaea officinalis</i>	Clinical and observational studies with herbal products
PM-07	MOEIN, Mahmoodreza	Isolation and <i>in vitro</i> evaluation of biological activity of the anthocyanin fraction from petals of <i>Rosa damascena</i>	From natural products toward potential drug leads
PM-08	KUTLUAY VAHAP, Murat	Bioactive phenylethanoid glycosides from <i>Digitalis davisiana</i> Heywood	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-09	CAHLÍKOVÁ, Lucie	Cytotoxic activities of Amaryllidaceae alkaloids against gastrointestinal cancer cells	From natural products toward potential drug leads
PM-10	KATANIĆ, Jelena	Meadowsweet ( <i>Filipendula ulmaria</i> ): LC-MS phenolic characterization and ameliorating effect on cisplatin-induced hepatotoxicity	From natural products toward potential drug leads
PM-11	COY-BARRERA, Ericsson	Metabolomics of fabaceous invasive plants from Colombia: an approach for lead finding from nature	From natural products toward potential drug leads
PM-12	CHUN, Jaemoo	Alantolactone, a sesquiterpene lactone isolated from <i>Inula helenium</i> L. selectively suppresses STAT3 activation and exhibits anticancer activity in MDA-MB-231 cells	From natural products toward potential drug leads
PM-13	ORBÁN-GYAPAI, Orsolya	Antibacterial activity of <i>Rumex aquaticus</i> and <i>R. thyrsiflorus</i> extracts and isolation of the biologically active compounds	From natural products toward potential drug leads
PM-14	HEIKAL, Tarek M.	Antioxidant potentials of <i>Origanum majorana</i> leaves extract against reproductive toxicity and apoptosis-related gene expression resulted from methomyl exposure in male rat	From natural products toward potential drug leads
PM-15	BIHUD NUR, Vicky	Styryllactones and bis-styryllactones from <i>Goniothalamus lanceolatus</i>	From natural products toward potential drug leads
PM-16	YUZBASIOGLU, Merve	The evaluation of wound healing potential of acetyl-alkannin isolated from <i>Arnebia purpurea</i>	From natural products toward potential drug leads
PM-17	YUZBASIOGLU, Merve	Phytochemical investigations on <i>Lotus aegaeus</i>	From natural products toward potential drug leads
PM-18	WANG, Hui-Chun	Small molecular reverses chemoresistance of breast cancer through inhibition of DNA damage response	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-19	LORENZ, Peter	Euphrasianins A-E, novel acylglycerol lipids from <i>Euphrasia rostkoviana</i> and <i>E. tetraquetra</i>	From natural products toward potential drug leads
PM-20	LEE IK, Soo	New phenolics from the leaves and twigs of <i>Osteomeles schwerinae</i> and their inhibitory effects on AGE formation and RLAR <i>in vitro</i> and vessel dilation in larval Zebrafish <i>in vivo</i>	From natural products toward potential drug leads
PM-21	KISS, Tivadar	Screening for diterpene alkaloids in the <i>Spiraea</i> genus	From natural products toward potential drug leads
PM-22	WU, Yu-Jen	Sinulariolide suppress human hepatocellular carcinoma cell migration and invasion by inhibiting matrix metalloproteinase-2/-9 through MAPKs and PI3K/Akt signaling pathways	From natural products toward potential drug leads
PM-23	TAWFIK, Nashwa F.	Metabolomics and dereplication studies of some Egyptian medicinal plants and its associated endophytes	From natural products toward potential drug leads
PM-24	EMIR, Ceren	Phytochemical studies on <i>Galanthus gracilis</i> L.	From natural products toward potential drug leads
PM-25	SHEU, Jyh-Horng	Structures and bioactivities of withanolides from the leaves of <i>Solanum capsicoides</i>	From natural products toward potential drug leads
PM-26	DUH, Chang-Yih	Sinularioperoxide F, a new cytotoxic cyclic peroxide from soft coral <i>Sinularia erecta</i>	From natural products toward potential drug leads
PM-27	GRANICA, Sebastian	The influence of tannins on the human neutrophils' pro-inflammatory mediators	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-28	ABDELGAFFAR, Shereen	An <i>in vitro</i> evaluation of <i>Tinospora bakis</i> and <i>Curcuma longa</i> against <i>Madurella mycetomatis</i>	From natural products toward potential drug leads
PM-29	TOMCZYK, Michal	Protective impact of extract from <i>Aronia melanocarpa</i> berries against low-level exposure to cadmium-induced lipid peroxidation in the bone tissue: a study in a rat model	From natural products toward potential drug leads
PM-30	ROSS, Samir A.	Pentacyclic triterpenoids from roots of <i>Lantana montevidensis</i> (Spreng.) Briq. cultivated in Egypt	From natural products toward potential drug leads
PM-31	CHEN, Jih-Jung	A new 2H-pyran-2-one derivative and anti-inflammatory constituents from <i>Alpinia zerumbet</i>	From natural products toward potential drug leads
PM-32	LEE, Chia-Lin	Antineutrophilic inflammatory secondary metabolites from <i>Solanum macaonense</i>	From natural products toward potential drug leads
PM-33	BAGETTA, Giacinto	Evidence that the essential oil of bergamot modulates autophagy flux in human tumor cell lines	From natural products toward potential drug leads
PM-34	LIU, Yueqiu	High-resolution hyaluronidase inhibition profiling combined with HPLC-HRMS-SPE-NMR for identification of anti-necrosis constituents in <i>Clausena excavata</i>	From natural products toward potential drug leads
PM-35	BARBOZA, Rodolfo S.	Potential anti-dengue activity of three <i>Faramea</i> species (Rubiaceae) and their common active new flavanone glycoside	From natural products toward potential drug leads
PM-36	MOEIN, Mahmoodreza	Cytotoxic and apoptotic activities of 12,16-dideoxy-aegyptinone B from <i>Zhumeria majdae</i> on MDA-MB-231, MCF-7 and NIH-3T3 cells	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-37	TZAKOS, Andreas	Targeting the antiapoptotic BCL-2 family proteins with flavonoid scaffolds	From natural products toward potential drug leads
PM-38	OMER, Ejlal A.	<i>In vitro</i> susceptibility of <i>Madurella mycetomatis</i> to the leaves extracts of <i>Terminalia brownii</i>	From natural products toward potential drug leads
PM-39	TANTAPAKUL, Cholpisut	Antibacterial compounds from <i>Cratoxylum</i> spp.	From natural products toward potential drug leads
PM-40	ABDELGAFFAR, Shereen	Identification of the strictosamide isolated from <i>Nauclea latifolia</i> as the bioactive agent against <i>Madurella mycetomatis</i>	From natural products toward potential drug leads
PM-41	CHEN, Ih-Sheng	Chemical constituents and their bioactivities from the stem of <i>Neolitsea konishii</i>	From natural products toward potential drug leads
PM-42	STEFANOWICZ-HAJDUK, Justyna	<i>In vitro</i> evaluation of cytotoxic activity of <i>Trigonella foenum-graecum</i> on human cervical cancer HeLa cells	From natural products toward potential drug leads
PM-43	CHEN, Jih-Jung	Bioactive phthalide derivatives from the stem of <i>Pittosporum illicioides</i> var. <i>illicioides</i>	From natural products toward potential drug leads
PM-44	ABOU EL EZZ, Rania F.	Isolation and structural elucidation of secondary metabolites obtained from the soft coral <i>Sinularia candidula</i> present in the Egyptian Red Sea	From natural products toward potential drug leads
PM-45	KANG, Tong Ho	Synergistic potentials of coffee on injured pancreatic islet and insulin action via K (ATP) channel blocking in zebrafish	From natural products toward potential drug leads
PM-46	ROSS, Samir A.	New pyrrolizidine alkaloid from <i>Heliotropium digynum</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-47	TÓTH, Gergő	Phenolic profile, antioxidant and antinociceptive properties of <i>Syringa vulgaris</i>	From natural products toward potential drug leads
PM-48	ARSININGTYAS, Ines S.	Antihyperglycemic principles of <i>Caesalpinia sappan</i> L. wood, through <i>in vitro</i> inhibition of carbohydrate digestive enzymes: $\alpha$ -glucosidase and $\alpha$ -amylase	From natural products toward potential drug leads
PM-49	KIM, Minjee	Skeletal muscle protective effect of capillarisin from <i>Artemisia capillaris</i> on exercise-induced damage	From natural products toward potential drug leads
PM-50	MONJI, Faezeh	Investigation of pharmacological properties of <i>Ananas comosus</i> extracts on uterine activity	From natural products toward potential drug leads
PM-51	ZHUSSUPOV, Aizhan	Creation of medicinal products on the basis of <i>Limonium gmelinii</i>	From natural products toward potential drug leads
PM-52	KUO, Yueh-Hsiung	Five new anti-inflammatory active flavonoids from the aerial part of <i>Lindera akoensis</i>	From natural products toward potential drug leads
PM-53	LAJTER, Ildikó	New sesquiterpenes from <i>Neurolaena lobata</i>	From natural products toward potential drug leads
PM-54	LIU, Bingrui	High-resolution $\alpha$ -glucosidase and radical scavenging profiling combined with HPLC-HRMS-SPE-NMR for identification of bioactive constituents in crude extract of <i>Pueraria lobata</i>	From natural products toward potential drug leads
PM-55	KHOO, Yivonn	<i>In vitro</i> cytotoxic potential of novel semi-synthesised clusianone and cardamonin analogues	From natural products toward potential drug leads
PM-56	NEDIALKOV, Paraskev	Prenylated acylphloroglucinols from <i>Hypericum annulatum</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-57	ALQATHAMA, Aljawharah	Bioguided isolation of cytotoxic compounds against melanoma cells from <i>Carissa spinarum</i> L.	From natural products toward potential drug leads
PM-58	HAJDÚ, Zsuzsanna	Chemical constituents of <i>Artemisia asiatica</i> roots	From natural products toward potential drug leads
PM-59	KISSEIH, (Oppong Bekoe) Emelia	Oligomeric procyanidins as inducers of cellular differentiation of epidermal keratinocytes	From natural products toward potential drug leads
PM-60	KUCHTA, Kenny	Celastrol, an active constituent of the TCM plant <i>Tripterygium wilfordii</i> , inhibits prostate cancer bone metastasis	From natural products toward potential drug leads
PM-61	TANAHASHI, Takao	Sesquiterpene derivatives from cultured lichen mycobionts of <i>Diorygma</i> sp.	From natural products toward potential drug leads
PM-62	VÉGH, Krisztina	Separation and analysis of bioactive flavonoids in <i>Tanacetum parthenium</i> supercritical fluid extracts	From natural products toward potential drug leads
PM-63	UZOR, Philip F.	Antioxidant activity of the root extract of <i>Combretum dolichopetalum</i> and the isolated constituents	From natural products toward potential drug leads
PM-64	BERNAL, Freddy A.	Searching for antimicrobial and antiviral xanthenes: a molecular docking study coupled to multivariate analysis	From natural products toward potential drug leads
PM-65	LASKA, Grazyna	Cancer-chemopreventive activity of secondary metabolites isolated from <i>Xanthoparmelia conspersa</i> lichen	From natural products toward potential drug leads
PM-66	MAKROPOULOU, Maria	Greek <i>Iris</i> species as sources of agents potentially effective in bone metabolism	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-67	RYU, Byeol	Sesquiterpenes from the rhizome of <i>Cyperus rotundus</i> with cytotoxicity on human cancer cells <i>in vitro</i>	From natural products toward potential drug leads
PM-68	KIRMIZIBEKMEZ, Hasan	Chemical constituents of <i>Digitalis viridiflora</i>	From natural products toward potential drug leads
PM-69	SALIH, Enass	Identification of corilagin, punicalagin and ellagic acid derivatives from antibacterial and antioxidative extracts of African savanna woodland tree <i>Terminalia laxiflora</i>	From natural products toward potential drug leads
PM-70	FALKENBERG, Miriam	Miconidin acetate, a natural 5-lipoxygenase (5-LOX) inhibitor from <i>Eugenia hiemalis</i> Camb. (Myrtaceae)	From natural products toward potential drug leads
PM-71	GOURGUILLON, Lorène	First isolation and identification of polyphenols from the halophyte <i>Armeria maritima</i>	From natural products toward potential drug leads
PM-72	LIKTOR-BUSA, Erika	<i>In vitro</i> antibacterial and antiproliferative screening of Hungarian bryophytes	From natural products toward potential drug leads
PM-73	OYAWALUJA, Aminat A.	Antimicrobial and antioxidant activities of methanolic leaf extract of <i>Argemone mexicana</i> Linn (Papaveraceae)	From natural products toward potential drug leads
PM-74	TALEB, Robin I.	<i>In vivo</i> immunomodulatory effect of wild carrot oil and its fractions	From natural products toward potential drug leads
PM-75	CHEN, Jih-Jung	New limonoid from the seed of <i>Swietenia macrophylla</i> with inhibitory activity on neutrophil pro-inflammatory responses	From natural products toward potential drug leads
PM-76	TERMENTZI, Aikaterini	<i>In vitro</i> protection and toxicity assessment of Chios Mastic Gum extracts and isolated triterpenic acids using human hepatocarcinoma cells	From natural products toward potential drug leads



Code	Presenter	Title	Session
PM-77	KACHWALA, Yusuf Zuzer	Mechanism based approach for screening of decoction and infusion of <i>Swertia chirata</i> for antimalarial activity	From natural products toward potential drug leads
PM-78	RÉDEI, Dóra	Two new jatrophane diterpenes from <i>Euphorbia guyoniana</i>	From natural products toward potential drug leads
PM-79	BASSIRI-JAHROMI, Shahindokkht	<i>In vitro</i> antifungal activity of various Persian cultivars of <i>Punica granatum</i> extracts against <i>Candida</i> species	From natural products toward potential drug leads
PM-80	CHO, Eun-Sang	A subchronic oral toxicity study on medical herb extract, KIOM CRC#BP10A, in male and female mice	From natural products toward potential drug leads
PM-81	ROSS, Samir	Potent antimicrobial prenylated isoflavonoids from <i>Maclura aurantiaca</i> fruits	From natural products toward potential drug leads
PM-82	WU, Tian-Shung	Chemical constituents from the leaves of <i>Clausena lansium</i> and their anti-inflammatory activity	From natural products toward potential drug leads
PM-83	GHIULAI, Roxana	Assessment of the effects of a betulinic acid nanoformulation on ear inflammation	From natural products toward potential drug leads
PM-84	ECHIBURÚ-CHAU, Carlos	Metabolomic variation in <i>Senecio graveolens</i> (Asteraceae) in altitudinal populations	From natural products toward potential drug leads
PM-85	LEUNG, Lai K.	The flavone apigenin blocks SREBP-2 activation in hepatic cells	From natural products toward potential drug leads
PM-86	WU, Chin-Chung	Evaluation of protein kinase C-activating effect of different type of <i>Euphorbia</i> diterpene phorbol esters in human platelets	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-87	MAHMOUDVAND, Mohammad	Antibiotic activity of crude terpenoid extract of <i>Lantana camara</i> on <i>Plutella xylostella</i> (Lepidoptera: Plutellidae)	From natural products toward potential drug leads
PM-88	VUJČIĆ, Valerija	Antioxidant activity and polyphenol content of endemic plant species <i>Centaurea ragusina</i> L.	From natural products toward potential drug leads
PM-89	DEMIREZER, Lutfiye O.	Determination of alpha-glucosidase inhibitory effects of anthraquinone aglycons by molecular docking and <i>in vitro</i> studies	From natural products toward potential drug leads
PM-90	SALIH, Enass	Characterization of antibacterial flavonoids and stilbenes of the root extract of <i>Anogeissus leiocarpus</i> by UHPLC-MS-QTOF	From natural products toward potential drug leads
PM-91	KUTLUAY, Vahap Murat	Bioactivity based phytochemical studies on <i>Scutellaria salviifolia</i> Benth.	From natural products toward potential drug leads
PM-92	BRÄUTIGAM, Jacqueline	Inhibition of angiogenic key features <i>in vitro</i> : the alkaloid narciclasine blocks proliferation, migration, and tube formation of primary human endothelial cells	From natural products toward potential drug leads
PM-93	RASHA, R. Abdel Latif Rasha	Flavonoid constituents and biological studies of <i>Dobera glabra</i> leaves	From natural products toward potential drug leads
PM-94	YOU, Bo-Im	Anticancer effect of <i>Alnus japonica</i> extracts through the caspase-dependent pathway	From natural products toward potential drug leads
PM-95	KHALID, Sami A.	LC/PDA/ESI-MS/MS polyphenols profiling of the bioactive fractions of <i>Croton zambesicus</i> fruits against <i>Madurella mycetomatis</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-96	YAN, Weidong	Separation and identification of bioactive compounds in <i>Lepidium meyenii</i> (Maca) based on the combination of medium-pressure liquid chromatography and preparative HPLC	From natural products toward potential drug leads
PM-97	LUNAGARIYA, Nitin A.	Synthesis and biological evaluation of 1,3,6-trisubstituted $\beta$ -carboline derivatives for cytotoxic and anti-leishmanial potential	From natural products toward potential drug leads
PM-98	VOLKOV, Ilya	Isolation and structure elucidation of acylphloroglucinols from <i>Hypericum triquetrifolium</i>	From natural products toward potential drug leads
PM-99	KARAKOYUN, Çiğdem	Alkaloid profiling in <i>Galanthus gracilis</i> from Western Aegean by GC/MS	From natural products toward potential drug leads
PM-100	FERNANDES-FERREIRA, Manuel	Antimicrobial and antinematode activity of <i>Hypericum androsaemum</i>	From natural products toward potential drug leads
PM-101	FURLAN, Claudia M.	Anti-HIV activity of <i>Hyptis</i> Jacq. (Lamiaceae)	From natural products toward potential drug leads
PM-102	LAI, Tzung-hsien	Bioassay-guided isolation and identification of anti-inflammatory active components from <i>Ficus microcarpa</i>	From natural products toward potential drug leads
PM-103	SUNG, Ping-Jyun	Ten new 9,11-secoosterols isolated from the Formosan corgonian coral <i>Pinnigorgia</i> sp.	From natural products toward potential drug leads
PM-104	SILVA, Luis Cláudio Nascimento Da	Caatinga plants inhibit DNA replication and quorum sensing of <i>Staphylococcus aureus</i>	From natural products toward potential drug leads
PM-105	FERREIRA, Maria-José U.	Macrocylic diterpenes as modulators of <i>Candida albicans</i> multidrug transporters	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-106	KAYA GULEN, Irem	GC-MS Investigation of Amaryllidaceae Alkaloids in <i>Galanthus cilicicus</i>	From natural products toward potential drug leads
PM-107	SILVA, Dulce H. S.	Rhamnosyl gallates and proanthocyanidins produced by <i>Inga</i> species and their antioxidant and antitumoral potential	From natural products toward potential drug leads
PM-108	CHIOU, Wen-Fei	Aciculatin inhibit RANKL-induced osteoclastogenesis in RAW 264.7 cells	From natural products toward potential drug leads
PM-109	HARTMANN, Anja	A novel HILIC-method for the analysis of Mycosporine-like amino acids and their biological relevance on anti-inflammatory targets and collagenase	From natural products toward potential drug leads
PM-110	AUBERON, Florence	Pseudobulbs of the Columbian orchid <i>Cyrtopodium paniculatum</i> Garay, a source of multiple stilbenoid derivatives	From natural products toward potential drug leads
PM-111	MUHARINI, Rini	New cytotoxic and antifungal amides from the fruit of <i>Piper retrofractum</i>	From natural products toward potential drug leads
PM-112	SCHWIKKARD, Sianne	Novel, bioactive homoisoflavonoids from a Madagascan <i>Rhodocodon</i> species (Hyacinthaceae, sensu APG II)	From natural products toward potential drug leads
PM-113	KRSTIN, Sonja	Alkaloids can synergistically enhance the activity of trypanocidal drugs against <i>Trypanosoma brucei brucei</i> in vitro	From natural products toward potential drug leads
PM-114	LEE, JungIn	Inhibition of LPS-induced inflammatory responses by caffeoyl glucosides from <i>Nandina domestica</i>	From natural products toward potential drug leads
PM-115	COMBRINCK, Sandra	Chemical constituents and biological properties of liverworts from South Africa	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-116	LENZ, Mairin	4,15-Isoatroplicolide-esters: new inhibitors of trypanothione reductase	From natural products toward potential drug leads
PM-117	SHIM, Do-Wan	Anti-inflammatory effect of streptochlorin via TRIF-dependent signaling pathways in cellular and mouse models	From natural products toward potential drug leads
PM-118	LAI, Kuei-Hung	Antileukemic lanostanoids from <i>Poria cocos</i>	From natural products toward potential drug leads
PM-119	ABBA, Chika C.	Cytotoxicity and antimicrobial activities of secondary metabolites produced by endophytic fungi isolated from <i>Gongronema latifolia</i> and <i>Loranthus micrantus</i>	From natural products toward potential drug leads
PM-120	NOVILLO, Fernando	Tri- and diterpenoids from some species of Euphorbiaceae. Evaluation of their anti-inflammatory and cytotoxic properties	From natural products toward potential drug leads
PM-121	LEE, You Jin	Isolation and identification of chemical constituents from the roots of <i>Peucedanum praeruptorum</i>	From natural products toward potential drug leads
PM-122	FERREIRA, Maria-José U.	Evaluation of the antibacterial activity of some African medicinal plants	From natural products toward potential drug leads
PM-123	DUARTE, Noélia	Exploring epoxyathyrane derivatives to overcome ABCB1-mediated multidrug resistance in human colon adenocarcinoma cells	From natural products toward potential drug leads
PM-124	GRIENKE, Ulrike	<i>In silico</i> pharmacological profiling of <i>Ganoderma</i> secondary metabolites to unravel the polypharmacological nature of Reishi	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-125	SU, Jui-Hsin	Isolation, structures, and structure-anti-inflammatory activity relationships of cembranoids from two cultured soft corals <i>Sinularia sandensis</i> and <i>Sinularia flexibilis</i>	From natural products toward potential drug leads
PM-126	MROUEH, Mohamad	Cytotoxic effect of wild carrot oil fractions on human epidermal keratinocytes	From natural products toward potential drug leads
PM-127	CHANCHAO, Chanpen	Mechanism of cardanol isolated from Thai propolis on apoptosis of BT474 breast cancer cells	From natural products toward potential drug leads
PM-128	PFERSCHY-WENZIG, Eva-Maria	LC-MS-based phytochemical characterization of an antiproliferative <i>Daphne altaica</i> stem bark extract	From natural products toward potential drug leads
PM-129	KISS, Tivadar	The effect of diterpene alkaloids on the GIRK channels	From natural products toward potential drug leads
PM-130	SOARES, Vitor	Two new steroidal glycoalkaloids from <i>Solanum pseudoquina</i> berries	From natural products toward potential drug leads
PM-131	KÚSZ, Norbert	Isolation and structure determination of novel jatrophone diterpenes from <i>Euphorbia dulcis</i> and their GIRK-channel-inhibitory activity	From natural products toward potential drug leads
PM-132	LAJTER, Ildikó	Isolation, characterisation and chemotaxonomic significance of secondary metabolites from <i>Polygonum persicaria</i> L.	From natural products toward potential drug leads
PM-133	SHIM, Do-Wan	Anti-inflammatory action of an antimicrobial model peptide that suppresses the TRIF-dependent signaling pathway via inhibition of toll-like receptor 4 endocytosis in lipopolysaccharide-stimulated macrophages	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-134	SCHOOP, Roland	Antiviral activity of the <i>Echinacea purpurea</i> extract Echinaforce® against the highly pathogenic avian influenza virus (H7N9)	From natural products toward potential drug leads
PM-135	POLATOĞLU, Kaan	Cytotoxic, antioxidant, iNOS, AChE, BChE inhibitory and antimicrobial activities of ethanol extract of Cyprus endemic plant <i>Salvia veneris</i>	From natural products toward potential drug leads
PM-136	LASKA, Grazyna	Secondary metabolites from <i>Pulsatilla patens</i> and <i>Pulsatilla vulgaris</i> and their biological activity	From natural products toward potential drug leads
PM-137	KISSEIH, (Oppong Bekoe) Emelia	Effect of the aqueous leaves extract of <i>Clerodendron splendens</i> on physiology of HaCaT keratinocytes	From natural products toward potential drug leads
PM-138	ROUGER, Caroline	Lepidotols and lepidotins: new phenylcoumarins from Malaysian <i>Mesua</i> species	From natural products toward potential drug leads
PM-139	SARSHAR, Shabnam	Antiadhesive effect of leaves extracts from <i>Orthosiphon stamineus</i> extract against uropathogenic <i>E. coli</i>	From natural products toward potential drug leads
PM-140	KIM, Hye Mi	Constituents of the fruits of <i>Vaccinium uliginosum</i> (bog bilberry)	From natural products toward potential drug leads
PM-141	ARDJOMAND-WOELKART, Karin	<i>Euphrasia</i> spp. as a natural stabilizer of hyaluronic acid - A step closer to physiological human tear fluids?	From natural products toward potential drug leads
PM-142	TERMENTZI, Aikaterini	Insecticidal plant extracts from the Greek biodiversity: Biological activity and phytochemical characterization	From natural products toward potential drug leads
PM-143	CHANG, Fang-Rong	Studies on the chemical constituent and bioactivities of <i>Pandanus amaryllifolius</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-144	PARK, Eui-Keun	Study of Chung-Pae as a potential therapeutic agent against chronic obstructive pulmonary disease	From natural products toward potential drug leads
PM-145	LLURBA, Montesino Núria	An approved herbal medicinal preparation of <i>Salvia officinalis</i> as potential source of new agents against <i>Trypanosoma brucei rhodesiense</i>	From natural products toward potential drug leads
PM-146	CHENG, Yuan-Bin	New alkaloids from Taiwanese zoanthid <i>Zoanthus kuroshio</i>	From natural products toward potential drug leads
PM-147	EZRA, Lorraine	Chemical constituents from <i>Xylocarpus rumphii</i> (Meliaceae)	From natural products toward potential drug leads
PM-148	ULRICH-MERZENICH, Gudrun	Pharmacological activities of lichens from Russia	From natural products toward potential drug leads
PM-149	KURUUZUM-UZ, Ayse	The evaluation of wound healing potential of rosmarinic acid isolated from <i>Arnebia purpurea</i>	From natural products toward potential drug leads
PM-150	ANTAL, Diana S.	Changes in the anti-inflammatory activity of aurone and chalcone class flavonoids from <i>Cotinus coggygria</i> extracts after complexation with cyclodextrins	From natural products toward potential drug leads
PM-151	KONGKHAM, Supranee	Anti-apoptotic effect of <i>Phyllanthus emblica</i> extract prevents contrast-induced acute kidney injury in rats	From natural products toward potential drug leads
PM-152	CHO, Eun-Sang	Synergistic effect of KIOM-CRC#BP10A, an ethanol extract of two medicinal herbs, with cisplatin in A549 lung cancer xenograft model	From natural products toward potential drug leads
PM-153	ROZA, Orsolya	Polyphenols from <i>Cyclopia genistoides</i> and their xanthine oxidase inhibitory activity	From natural products toward potential drug leads



Code	Presenter	Title	Session
PM-154	PHUNGULA, Khanya K. V.	Acetylcholinesterase inhibition and antioxidant activity of isolated compounds from <i>Galenia africana</i> and <i>Combretum apiculatum</i>	From natural products toward potential drug leads
PM-155	FIGUEIREDO, Fabiana De S.	Isolation of two diterpenoids from mangrove plant <i>Rhizophora mangle</i> by countercurrent chromatography	From natural products toward potential drug leads
PM-156	WEDLER, Jonas	A polyphenol enriched fraction of rose oil distillation water inhibits proliferation in HaCaT cells and induces apoptosis	From natural products toward potential drug leads
PM-157	FALESCHINI, Maria Teresa	Discovery of natural products potentially active against myotonic dystrophy type 1	From natural products toward potential drug leads
PM-158	ABBA, Chika C.	Evaluation of antibacterial activity of combinations of <i>Platostoma africanum</i> and <i>Psidium guajava</i> on multidrug-resistant bacteria	From natural products toward potential drug leads
PM-159	AJAGHAKU, Daniel L.	Antimicrobial activity of endophytic fungi isolated from <i>Catharanthus roseus</i> and <i>Euphorbia hirta</i>	From natural products toward potential drug leads
PM-160	MIRON, Anca	Synergistic effects of Helichrysi flos extract in combination with ciprofloxacin against lower respiratory tract pathogens	From natural products toward potential drug leads
PM-161	TSUCHIYA, Hironori	Medicinal plant constituents interact with membrane-acting local anesthetics	From natural products toward potential drug leads
PM-162	STEIN, Erika M.	A Brazilian sample of a New <i>Laurencia</i> sp. (Ceramaiales, Rhodophyta), yields sphingosines new to the marine environment and their antioxidant activity	From natural products toward potential drug leads
PM-163	LIAW, Chih-Chuang	Bioactive polypeptides from marine-derived fungi, <i>Trichoderma</i> spp. by LC-MS/MS and molecular networking analysis	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-164	CURSINO, Lorena M. C.	Flavonoids from <i>Deguelia duckeana</i> inhibit the eukaryotic elongation factor 2 (eEF2) in SK-N-SH neuronal cells	From natural products toward potential drug leads
PM-165	VARGA, Erzsébet	Phytochemical and pharmacological studies of <i>Chelidonium majus</i> L. (Papaveraceae)	From natural products toward potential drug leads
PM-166	TÓTH, Barbara	Antibacterial activity of 19 species from the Juncaceae family, and bioactivity guided fractionation of the most active species <i>Juncus inflexus</i>	From natural products toward potential drug leads
PM-167	OMER, Ejlal A.	Identification of plasmodial enoyl-ACP reductase inhibitors of <i>Acacia nilotica</i> stem bark and their molecular docking with special reference to DPPH radical scavenging activity	From natural products toward potential drug leads
PM-168	AHN, Young-Sup	The effects of <i>Panax ginseng</i> on experimental rat model of benign prostatic hyperplasia	From natural products toward potential drug leads
PM-169	PAN, San-Po	Inhibition of COX-2 expression in PMA differentiated THP-1 macrophages by extracts of <i>Epipremnum pinnatum</i>	From natural products toward potential drug leads
PM-170	RIOS, Jose-Luis	Oleuropein inhibited Th17 response and reduced intestinal IL-17 and IFN- $\gamma$ release in dextran sulfate sodium (DSS)-induced acute colitis in C57BL/6 mice	From natural products toward potential drug leads
PM-171	TÓTH, Anita	Comparison of the phenolic profile of six <i>Lysimachia</i> species	From natural products toward potential drug leads
PM-172	NIKLES, Stefanie	Metabolic profiling of the Chinese herbal mixture Huang Qi Jian Zhong Tang and its immunomodulatory effects in U937 cells	From natural products toward potential drug leads
PM-173	AJAGHAKU, Daniel L.	Antioxidant and immune-enhancing potentials of leaf extract and active constituents of <i>Millettia aboensis</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-174	LIN, Yun-Sheng	Active ingredients and anticancer potential in <i>Eupatorium clematideum</i>	From natural products toward potential drug leads
PM-175	KATANIĆ, Jelena	Nephroprotective effect of dropwort ( <i>Filipendula hexapetala</i> ) on cisplatin-induced toxicity in rats	From natural products toward potential drug leads
PM-176	KLEIN-JÚNIOR, Luiz C.	Application of Zebrafish embryos toxicity test to evaluate the alkaloid fraction of <i>Psychotria deflexa</i>	From natural products toward potential drug leads
PM-177	YANG, Li-Ming Kuo	Sesquiterpenoids from Taiwanese <i>Vernonia cinerea</i>	From natural products toward potential drug leads
PM-178	VASAS, Andrea	Myrsinane and related diterpenes from <i>Euphorbia falcata</i> with selective potassium ion channel activity	From natural products toward potential drug leads
PM-179	DEĞİRMENCI, Pelin	Quantitative determination of flavonoids in <i>Centaurea kurdica</i>	From natural products toward potential drug leads
PM-180	FRATERNALE, Daniele	<i>In vitro</i> biomass of <i>Salvia corrugata</i> : chemical analysis and evaluation of antimicrobial activity	From natural products toward potential drug leads
PM-181	TEMPONE, Andre G.	Marine guanidine derivatives affect the redox biology of <i>Leishmania infantum</i> and downregulate cytokines of macrophages	From natural products toward potential drug leads
PM-182	TAIE HANAN, Anwar Aly	Antioxidant and antimicrobial activities of different parts of <i>Pancreaticum maritimum</i>	From natural products toward potential drug leads
PM-183	BAHADIR ACIKARA, Özlem	Secondary metabolites from <i>Scorzonera latifolia</i> roots	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-184	SARIKAYA, AYDIN Secil	Bioactivity guided isolation studies on <i>Hypericum microcalycinum</i>	From natural products toward potential drug leads
PM-185	AMMENDOLA, Aldo	Mucus-normalizing activity of Bronchipret® film-coated tablets in bronchoalveolitis: reduction of LPS-induced goblet cell metaplasia and mucin production <i>in vivo</i>	From natural products toward potential drug leads
PM-186	DEMIREZER, Lutfiye O.	Evaluation of main anthraquinones as novel Matrix Metalloproteinase-1 (MMP-1) inhibitors	From natural products toward potential drug leads
PM-187	FEKRI, Marian N.	Two Saponins from <i>Harpullia pendula</i>	From natural products toward potential drug leads
PM-188	NÉMETH-ZÁMBORINÉ, Éva	The effect of ontogenetic factor on active agent content of <i>Achillea collina</i>	From natural products toward potential drug leads
PM-189	ANJOS, Ofélia	Caffeic acid derivates in spent coffee ground as potential crude material for drug discovery	From natural products toward potential drug leads
PM-190	YU, Jae Sik	Protective effect and mechanism of triterpenoids isolated from <i>Cornus walteri</i> against anticancer drug-induced nephrotoxicity in LLC-PK1 cells	From natural products toward potential drug leads
PM-191	ADEKENOV, Sergazy	Perspective sesquiterpene lactones from endemic plant species of Kazakhstan	From natural products toward potential drug leads
PM-192	NYILA, Monde	Susceptibility of <i>Listeria monocytogenes</i> to South African medicinal plants	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-193	OTANG, Mbeng Wilfred	The effect of the acetone extract of <i>Arctotis arctotoides</i> (Asteraceae) on the growth and ultrastructure of some opportunistic fungi associated with HIV/AIDS	From natural products toward potential drug leads
PM-194	VIKEVED, Elisabet	"Ligand fishing" in chemical space reveals new potential leishmanicidals	From natural products toward potential drug leads
PM-195	VORA, Amisha K.	Studies on angiogenic potential of <i>Rubia cordifolia</i> , <i>Mimosa pudica</i> and <i>Hemidesmus indicus</i> by chick embryo chorioallantoic membrane as a model system	From natural products toward potential drug leads
PM-196	BENMEHDI, Houcine	<i>In vitro</i> assessment of antioxidant activity of essential oils and methanol extract of <i>Pelargonium graveolens</i>	From natural products toward potential drug leads
PM-197	GUPTA, R.S.	Evaluation of androgenic potential of <i>Pedaliium murex</i> in male albino rats	From natural products toward potential drug leads
PM-198	MAMADALIEVA, Nilufar	Isolation and characterization of essential oils and 7 new ecdysteroids from medicinal plant <i>Ajuga turkestanica</i>	From natural products toward potential drug leads
PM-199	AJAGHAKU, Daniel L.	Isolation and screening of secondary metabolites from endophytic fungi of <i>Vernonia amygdalina</i> and <i>Carica papaya</i> for their cytotoxic activity	From natural products toward potential drug leads
PM-200	BERNAL, Freddy A.	Metabolic profiling of <i>Lupinus</i> species from Cundinamarca (Colombia)	From natural products toward potential drug leads
PM-201	ELSAIED, Wael M.	Chemical and biological investigations of the Egyptian plant <i>Cleome africana</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-202	TRIFAN, Adriana	<i>In vitro</i> antioxidant activity, phenolic content and profile of <i>Cystoseira barbata</i> from Romanian Black Sea	From natural products toward potential drug leads
PM-203	KO, Horng-Huey	Melanogenesis inhibitors from <i>Oenothera laciniata</i> extracts	From natural products toward potential drug leads
PM-204	LEE, Mei-Hsien	<i>Graptopetalum paraguayense</i> , an affordable herbal crop, can reverse hepatic damage <i>in vivo</i>	From natural products toward potential drug leads
PM-205	ELNAGGAR Mohamed	New xanthone and sesquiterpene derivatives from <i>Scopulariopsis</i> sp., a marine-derived fungus isolated from the Red Sea hard coral <i>Stylophora</i> sp.	From natural products toward potential drug leads
PM-206	POLATOĞLU, Kaan	<i>In vitro</i> biological and toxicological evaluation of <i>Lathyrus</i> sp. extracts	From natural products toward potential drug leads
PM-207	EGAS, Verónica	Additional constituents from <i>Heterotheca inuloides</i> . Absolute configuration of some cadinanes	From natural products toward potential drug leads
PM-208	EZEA, Samson C.	Pharmacologically active compounds of <i>Prosopis africana</i> and <i>Parkia biglobosa</i>	From natural products toward potential drug leads
PM-209	RIOS, Jose-Luis	Shikonin induces apoptosis in Caco-2 cells by an increase in caspase-3 and the inhibition of the regulating protein Bcl2	From natural products toward potential drug leads
PM-210	CASOTI, Rosana	Screening for anti-inflammatory activity of <i>Baccharis</i> species using <i>in silico</i> models	From natural products toward potential drug leads
PM-211	MASSARO C., Flavia	<i>In vitro</i> antibacterial phenolic extracts from "sugarbag" pot-honeys of Australian stingless bees ( <i>Tetragonula carbonaria</i> )	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-212	VÁNYOLÓS, Attila	Mycochemical study of the mushroom <i>Tricholoma populinum</i>	From natural products toward potential drug leads
PM-213	ABBA, Chika C.	Investigation of secondary metabolites of endophytic fungi from <i>Loranthus micranthus</i> Linn. and <i>Citrus jambhiri</i> Lush. for their antioxidant activity	From natural products toward potential drug leads
PM-214	SCHELZ, Zsuzsanna	Investigation of cytotoxic effects of various furanoacridones isolated from <i>Ruta graveolens</i>	From natural products toward potential drug leads
PM-215	UZOR, Philip F.	Isolation of the alpha glucosidase inhibitory constituents of <i>Combretum dolichopetalum</i> root	From natural products toward potential drug leads
PM-216	SÜMER TÜZÜN, Burcu	Bioactivity-guided isolation of compounds with xanthine oxidase inhibitory activity from <i>Centaurea virgata</i>	From natural products toward potential drug leads
PM-217	FALKENBERG, Miriam	Primin as antimycoplasmal metabolite from <i>Eugenia hiemalis</i>	From natural products toward potential drug leads
PM-218	LACAILLE-DUBOIS, Marie-Aleth	New triterpenoid saponins with cytotoxic and anti-inflammatory properties from <i>Weigela stelzneri</i>	From natural products toward potential drug leads
PM-219	DLUDLA, Phiwayinkosi V.	A phenylpropenoic acid glucoside (PPAG) of <i>Aspalathus linearis</i> protects H9c2 cardiomyocytes against hyperglycemia-induced cell apoptosis	From natural products toward potential drug leads
PM-220	KOKANOVA-NEDIALKOVA, Zlatina	6-Methoxyflavonol glycosides with <i>in vitro</i> hepatoprotective activity from <i>Chenopodium bonus-henicus</i> roots	From natural products toward potential drug leads
PM-221	SEONG, Yeon Hee	Anti-nociceptive and anti-inflammatory effects of the leaf of <i>Ilex latifolia</i>	From natural products toward potential drug leads

Code	Presenter	Title	Session
PM-222	AJAGHAKU, Daniel L.	Antioxidant and immune-enhancing potentials of leaf extract and active constituents of <i>Millettia aboensis</i>	From natural products toward potential drug leads
PM-223	SHAHANI, Somayah	Protective effects of <i>Nasturtium officinale</i> extracts against genetic damage induced by cyclophosphamide in mice bone marrow cells	From natural products toward potential drug leads
PM-224	RATANAVALAC HAI, Treetip	Protective effects of <i>Dioscorea membranacea</i> rhizome ethanolic extract against doxorubicin-induced genotoxicity in human lymphocytes <i>in vitro</i>	From natural products toward potential drug leads
PM-225	SEO, ChangSeob	Simultaneous determination and anti-allergy effects of sesquiterpene lactones in <i>Aucklandia lappa</i> Decne	From natural products toward potential drug leads
PM-226	CHEN, Jih-Jung	New 2-(2-phenylethyl)-4H-chromen-4-one derivative and bioactive constituents from the stem bark of <i>Aquilaria sinensis</i>	From natural products toward potential drug leads
PM-227	TOMCZYK, Michał	<i>In vitro</i> anticariogenic effects of <i>Rubus caesius</i> extracts and their quality evaluation by HPLC-DAD-MS <sup>3</sup> analysis	From natural products toward potential drug leads
PM-228	PAVEL, Ioana Zinuca	<i>In vitro</i> biological evaluation of polyurethane microstructures genistein based formulation	From natural products toward potential drug leads
PM-229	OZBILGIN, Serkan	Anti-inflammatory and wound healing activity of <i>Euphorbia characias</i> and bioassay-guided isolation of some flavonoids	From natural products toward potential drug leads
PM-230	MATLOUB, Azza A.	Evaluation of sulphated polysaccharide-protein complexes isolated from marine algae on colon carcinoma by MTT	From natural products toward potential drug leads
PM-231	KRETSCHMER, Nadine	Effects of 25-O-acetyl-23,24-dihydro-cucurbitacin F on cell viability, cell cycle distribution and apoptosis induction in human soft tissue sarcoma cells	From natural products toward potential drug leads



Code	Presenter	Title	Session
PM-232	KIM, Geum-Soog	The inhibitory effect of pseudoshikonin I from <i>Lithospermi radix</i> on matrix-metalloproteinase (MMPs) production and expression in interleukin-1 $\beta$ induced SW1353 chondrosarcoma cells	From natural products toward potential drug leads
PM-233	BOZKURT, Buket	Determination of Amaryllidaceae alkaloids in snowdrop ( <i>Galanthus elwesii</i> ) from Taurus Mountains	From natural products toward potential drug leads
PM-234	BILIA, Anna Rita	Hexosomes based on cholesterol and phosphatidylcholine: a new drug delivery system for curcumin release	Herbal dietary supplements
PM-235	SUNG, Yoon-Young	The nutritional composition and anti-obesity effects of an herbal mixed extract containing <i>Allium fistulosum</i> and <i>Viola mandshurica</i> in high-fat-diet-induced obese mice	Herbal dietary supplements
PM-236	HASSAINE-SADI, Fatma	Population health risk due to the consumption of medicinal plant <i>Malva sylvestris</i> collected in the contaminated sites by the toxic heavy metals, North Algeria	Herbal dietary supplements
PM-237	VONGSAK, Boonyadist	Comparison of the free radical-scavenging activity of Thai stingless bee propolis	Herbal dietary supplements
PM-238	VONGSAK, Boonyadist	Free radical scavenging activity of <i>Pluchea indica</i> , <i>Rhizophora mucronata</i> and <i>Rhizophora apiculata</i> edible leaf extracts	Herbal dietary supplements
PM-239	KIM DONG, Seon	Anti-obesity effects of <i>Phyllostachys pubescens</i> and <i>Scutellaria baicalensis</i> complex	Herbal dietary supplements
PM-240	BILIA, Anna Rita	Curcumin complexed in a new PAMAM dendrimer to increase stability and solubility	Herbal dietary supplements
PM-241	ANJOS, Ofélia	Polyphenol content and free radical scavenging activity of bee pollen collected in Castelo Branco, Portugal	Herbal dietary supplements

Code	Presenter	Title	Session
PM-242	ADEBAYO, Abiodun H.	Hepatic protective and haematologic effects of Hepacare® in CCl <sub>4</sub> induced hepatic damaged rats	Herbal dietary supplements
PM-243	KIM, Hocheol	Growth stimulating effect of <i>Astragalus</i> extract HT042 in female Sprague-Dawley rats	Herbal dietary supplements
PM-244	ZOMBORSZKI, Zoltán Péter	Applicability of plant extracts and essential oils as antifungal food additives	Herbal dietary supplements
PM-245	KAPP, Karmen	The antimicrobial activity of mint flavour in candies, chocolates and food supplements	Herbal dietary supplements
PM-246	KUŠAR, Anita	Botanical health claims on foods: minimising the risk of misleading consumers during the evaluation period in the EU	Herbal dietary supplements
PM-247	GAWLIK-DZIKI, Urszula	Bioaccessibility and bioavailability <i>in vitro</i> of antioxidants from powdered green coffee beans	Herbal dietary supplements
PM-248	THEUNIS, Mart	Robust method for the analysis of monacolin K in red yeast rice	Herbal dietary supplements
PM-249	GUCCIONE, Clizia	Innovative formulations to enhance oral bioavailability of <i>Agnus castus</i> extract	Herbal dietary supplements
PM-250	DZIKI, Dariusz	Interactions between ferulic and chlorogenic acids as a main factor determining antiradical activity of wholemeal wheat bread enriched with green coffee	Herbal dietary supplements
PM-251	GONDA, Sándor	Effects of N source concentration and ammonium-nitrate ratio on phenylethanoid glycosides of <i>Plantago lanceolata</i> tissue cultures: a metabolomics driven full-factorial study	New opportunities for biotechnology and cell biology
PM-252	FOKIALAKIS, Nikolas	Rational drug design tools for the discovery of novel microbial natural products with applications in cosmetics	New opportunities for biotechnology and cell biology
PM-253	RUDOLPH, Kristin	The occurrence of progesterone 5β-reductase is not limited to the Angiosperms, a functional enzyme was characterized from <i>Picea sitchensis</i>	New opportunities for biotechnology and cell biology

Code	Presenter	Title	Session
PM-254	NAEEM, M.	Influence of arsenic stress on growth, physiological activities and artemisinin production in two varieties of artemisia ( <i>Artemisia annua</i> ) differing in artemisinin yield	New opportunities for biotechnology and cell biology
PM-255	AMIR, Anna Aryani	Effect of isoflavone compounds on the <i>in vitro</i> maturation of sheep oocytes	New opportunities for biotechnology and cell biology
PM-256	MAYER, Elisabeth	Phytogenic substances modulate intestinal permeability - porcine intestinal epithelial cells as model system for gut health	New opportunities for biotechnology and cell biology
PM-257	BERTÓTI, Regina	Clone selection of <i>in vitro</i> horseradish hairy root cultures	New opportunities for biotechnology and cell biology
PM-258	ALMEIDA, Celso	Exploitation of global microbial biodiversity for the discovery of novel cosmeceuticals using LC-HRMS based metabolomics	New opportunities for biotechnology and cell biology
PM-259	GAWLIK-DZIKI, Urszula	Sprouting and elicitation with natural elicitors as an effective tools for improving antioxidant activity of potentially bioaccessible wheat phytochemicals	New opportunities for biotechnology and cell biology
PM-25	SHEU, Jyh-Horng	Structures and bioactivities of withanolides from the leaves of <i>Solanum capsicoides</i>	From natural products toward potential drug leads
PM-26	DUH, Chang-Yih	Sinularioperoxide F, a new cytotoxic cyclic peroxide from soft coral <i>Sinularia erecta</i>	From natural products toward potential drug leads
PM-260	WUNGSINTAWE EKUL, Juraithip	Biosynthesis of artemisinin in gamma-irradiated <i>Artemisia annua</i> plantlet proceeds via a mixed origin of isoprene units	New opportunities for biotechnology and cell biology
PM-261	SEYED, Hashtroudi Mehri	Screening of plant growth stimulating potential of several Iranian macroalgae by measurement of their auxin content	New opportunities for biotechnology and cell biology

Code	Presenter	Title	Session
PM-262	LEE, Geung-Joo	Monitoring of radiation risk by sensitive genes of <i>Tradescantia</i> species	New opportunities for biotechnology and cell biology
PM-263	FOKIALAKIS, Nikolas	Hight throughput screening of microbial biodiversity for the discovery of novel cosmeceutical agents	New opportunities for biotechnology and cell biology
PM-264	SZŐKE, Éva	LC and LC-MS studies on genetically transformed cultures of <i>Rubia tinctorum</i> cultivated in bioreactor	New opportunities for biotechnology and cell biology
PM-265	BOTHA, Kirsty S.	The <i>in vitro</i> propagation of <i>Helichrysum umbraculigerum</i>	New opportunities for biotechnology and cell biology
PM-266	BONFILL, Mercedes	Comparing aryltetralin lignan accumulation patterns in four biotechnological systems of <i>Linum album</i>	New opportunities for biotechnology and cell biology
PM-267	BONFILL, Mercedes	New taxane biosynthetic gene encoding a $\beta$ -phenylalanine-CoA ligase identified in jasmonate-elicited <i>Taxus</i> cells	New opportunities for biotechnology and cell biology
PM-268	DZIKI, Dariusz	Influence of germination and elicitation on phenolic acids profile of wheat sprouts	New opportunities for biotechnology and cell biology
PM-269	MUELLER-URI, Frieder	$\gamma$ -Terpinene synthase of <i>Thymus vulgaris</i>	New opportunities for biotechnology and cell biology
PM-270	MAHFOUZE, Sherin A.	Evaluation of genotoxicity of <i>Artemisia herba-alba</i> and <i>Jasmina montana</i> extracts against Zucchini Yellow Mosaic Virus in <i>Cucurbita pepo</i>	New opportunities for biotechnology and cell biology
PM-271	CORRAL, Patricia	Production of <i>Tripterygium regelii</i> differentiated biomass as a sustainable source of celastrol	New opportunities for biotechnology and cell biology
PM-272	MIRMAZLOUM, Iman	Hormonal effects of carbenicillin and cefotaxime on <i>Rhodiola rosea</i> callus culture	New opportunities for biotechnology and cell biology
PM-273	WERNER, Philipp	Comparison of different wound healing assays performed with lupeol-treated human keratinocytes	New opportunities for biotechnology and cell biology

Code	Presenter	Title	Session
PM-274	TAKENAKA, Yukiko	Polyketides from cultured lichen mycobionts of <i>Pseudopyrenula subnudata</i> and their biosynthetic origin	New opportunities for biotechnology and cell biology
PM-275	TRÓCSÁNYI, Eszter	Enhanced rosmarinic acid accumulation and rosmarinic acid synthase gene expression under drought stress in thyme ( <i>Thymus vulgaris</i> )	New opportunities for biotechnology and cell biology
PM-276	MAHFOUZE, Heba A.	RAPD marker linked Potato Virus Y resistant potato cultivars and treated with ribosome inactivating proteins (RIPs)	New opportunities for biotechnology and cell biology



## WEDNESDAY

Code	Presenter	Title	Session
PW-01	ADEBAYO ABIODUN, Humphrey	<i>In vivo</i> toxicological evaluation of <i>Syzygium malaccense</i> (L.) in rats	Ethnobotany and ethnopharmacology
PW-02	VISSIENNON, Cica	<i>In vitro</i> studies on the anti-inflammatory potential of chamomile, myrrh and coffee charcoal – components of a traditional herbal medicinal product (MyrrhiniHntest®)	Ethnobotany and ethnopharmacology
PW-03	YOU, Bo-Im	Antioxidative effects of enzymatic hydrolysates of <i>Umbilicaria esculenta</i>	Ethnobotany and ethnopharmacology
PW-04	FYHRQUIST, Pia	Ellagitannins, ellagic acid derivatives, stilbenes and flavonoids in antibacterial stem bark and leaf extracts of African medicinal plants <i>Combretum psidioides</i> and <i>Combretum fragrans</i>	Ethnobotany and ethnopharmacology
PW-05	DANOVA, Kalina M.	Relations between polyphenolics production and enzymatic antioxidant defense in <i>Pulsatilla montana</i> ssp. <i>balcana</i> <i>in vitro</i>	Ethnobotany and ethnopharmacology
PW-06	NAIDOO, Devashan	Phenylpropanoid metabolism and pharmacology of the blood lily, <i>Scadoxus puniceus</i> , a highly traded South African medicinal plant	Ethnobotany and ethnopharmacology
PW-07	KIM, Eun Bin	Antiviral phenolic compounds from the whole plants of <i>Zostera marina</i> against influenza A virus	Ethnobotany and ethnopharmacology
PW-08	NEDELICHEVA, Anely	Ethnobotanical study on <i>Valeriana officinalis</i> in Bulgaria	Ethnobotany and ethnopharmacology
PW-09	AZADBAKHT, Masoud	Plants used during pregnancy, childbirth and postpartum healthcare in Eastern Azerbaijan, Iran	Ethnobotany and ethnopharmacology

Code	Presenter	Title	Session
PW-10	JAN, Gul	Quantitative ethno-botanical analysis and conservation issues of medicinal flora of Northern areas of Pakistan: present and future prospects	Ethnobotany and ethnopharmacology
PW-11	RAUWALD, Hans Wilhelm	Effects of medicinal plants of the genus <i>Leonurus</i> and seventeen of their isolated constituents on the activity of PPAR $\alpha$ , $\beta/\delta$ , and $\gamma$ in an <i>in vitro</i> luciferase reporter gene assay	Ethnobotany and ethnopharmacology
PW-12	KNUDSEN, Diana J.	Cytotoxic activity of the native Australian plant <i>Acacia ligulata</i>	Ethnobotany and ethnopharmacology
PW-13	BOKA, Vasiliki-loanna	Development of anti-ageing natural products based on biodiversity of the Greek flora by employing environmentally friendly technologies and anti-ageing biological research	Ethnobotany and ethnopharmacology
PW-14	VISSIENNON, Cica	Medicinal plants in Benin: An analysis of traditionally used Beninese plants indexed in the Prota Database	Ethnobotany and ethnopharmacology
PW-15	MUNSAMY, Ashlin	Laticifers in the leaves and stems of <i>Gomphocarpus physocarpus</i> : Distribution, structure and chemical composition	Ethnobotany and ethnopharmacology
PW-16	NEDELICHEVA, Anely	An ethnobotanical study on wild medicinal plants sold in the local markets at both sides of the Bulgarian - Turkish border	Ethnobotany and ethnopharmacology
PW-17	AHMED, Amna B. M.	Toxicity of <i>Acacia nilotica</i> (Garad) to Nubian goats	Ethnobotany and ethnopharmacology
PW-18	VALLI, Marilia	The establishment of a natural products database from the Brazilian biodiversity	Ethnobotany and ethnopharmacology
PW-19	JONES, Graham L.	New insights into aromatic medicinal plant use by Australian aboriginal people	Ethnobotany and ethnopharmacology

Code	Presenter	Title	Session
PW-20	HALABALAKI, Maria	Targeted isolation of prenylated isoflavonoids from <i>Erythrina excelsa</i> using LC-MS and HSCCC techniques	Ethnobotany and ethnopharmacology
PW-21	PAULA, Renata C.	<i>In vitro</i> antileishmanial activity of Brazilian plant species	Ethnobotany and ethnopharmacology
PW-22	KUSTIAWAN, Paula M.	Exploration of apoptotic effect in cancer cells treated with stingless bee <i>Trigona incisa</i> propolis native to East Kalimantan, Indonesia	Ethnobotany and ethnopharmacology
PW-23	SPARZAK, Barbara	Antimicrobial activity of the extracts from some <i>Phyllanthus</i> species cultivated <i>in vitro</i>	Ethnobotany and ethnopharmacology
PW-24	BHAMRA, Sukvinder	DNA authentication of tulsi ( <i>Ocimum tenuiflorum</i> ) using the nuclear ribosomal internal transcribed spacer (ITS) and the chloroplast intergenic spacer trnH-psbA	Ethnobotany and ethnopharmacology
PW-25	ADEBAYO, Abiodun H.	Antimicrobial and toxicological studies with extracts of <i>Ricinodendron heudelotti</i> (Euphrobiaceae)	Ethnobotany and ethnopharmacology
PW-26	NAIDOO, Jerusha R	Antimicrobial and antioxidant activity of the crude leaf extracts of <i>Pycnostachys urticifolia</i> Hook. (Lamiaceae)	Ethnobotany and ethnopharmacology
PW-27	KWAK, Jong Hwan	Antiviral phlorotannin from <i>Eisenia bicyclis</i> against human papilloma virus <i>in vitro</i>	Ethnobotany and ethnopharmacology
PW-28	MCGAW, Lyndy J.	The Sapotaceae as a source of antitubercular metabolites and isolation of antimycobacterial pentacyclic triterpenes from <i>Sideroxylon inerme</i>	Ethnobotany and ethnopharmacology



<b>PW-29</b>	KISS, Anna K.	A comparative study on the protective effect on the human fibroblast cell line NHDF of <i>Olea europaea</i> and <i>Ligustrum vulgare</i> leaves extracts	Ethnobotany and ethnopharmacology
<b>PW-30</b>	KRENN, Liselotte	New phenolics from <i>Eriosema laurentii</i>	Ethnobotany and ethnopharmacology
<b>PW-31</b>	ODEYEMI, Samuel W.	Cytotoxicity of two medicinal plants commonly used in the management of diabetes in Eastern Cape South Africa using Chang liver cell lines	Ethnobotany and ethnopharmacology
<b>PW-32</b>	WOBER, Jannette	Estrogenic and anti-estrogenic properties of tropical African plants traditionally used in folk medicine	Ethnobotany and ethnopharmacology
<b>PW-33</b>	ŽUKAUSKA, Ieva	Ethnobotanical evaluation of oregano ( <i>Origanum vulgare</i> ) in Latvia	Ethnobotany and ethnopharmacology
<b>PW-34</b>	FENTON NAVARRO, Bertha	Antibacterial activity of <i>Matricaria chamomilla</i> flower and leaf extracts	Ethnobotany and ethnopharmacology
<b>PW-35</b>	LUMPERT, Mateja	Effects of heat and mechanical processing on release of ibotenic acid from <i>Amanita muscaria</i> in traditional preparations used for catching flies in Slovenia	Ethnobotany and ethnopharmacology
<b>PW-36</b>	LUMLERDKIJ, Natchagorn	Cytotoxicity of medicinal plants used in cancer prevention in Thailand	Ethnobotany and ethnopharmacology
<b>PW-37</b>	RAUWALD, Hans Wilhelm	Screening of 19 traditional Mexican medicinal plants for effects on the metabolic syndrome related targets PPAR $\alpha$ , $\beta/\delta$ , and $\gamma$ in an <i>in vitro</i> luciferase reporter gene assay	Ethnobotany and ethnopharmacology
<b>PW-38</b>	PERUMAL, Amanda	Pharmacological and phytochemical evaluation of crude seed extracts of <i>Protorhus longifolia</i>	Ethnobotany and ethnopharmacology

<b>PW-39</b>	KIM, Eun Bin	Anti-inflammatory activity of the aerial parts of <i>Platycodon grandiflorum</i> and its constituents in LPS-stimulated RAW264.7 macrophages	Ethnobotany and ethnopharmacology
<b>PW-40</b>	WINTOLA OLUBUNMI, Abosede	Phytochemical constituents and antioxidant activities of the whole leaf extract of <i>Aloe ferox</i> Mill.	Ethnobotany and ethnopharmacology
<b>PW-41</b>	RAHFELD, Bettina	Microscopic characterization of medicinal plants commonly used in Ethiopia	Ethnobotany and ethnopharmacology
<b>PW-42</b>	PARZONKO, Andrzej	<i>In vitro</i> antioxidant and anti-inflammatory activity, and determination of chemical composition of aqueous and ethanolic extracts of <i>Stellaria media</i> herb	Ethnobotany and ethnopharmacology
<b>PW-43</b>	KALICHARAN, Benita	The antimicrobial and antioxidant potential of <i>Lithops lesliei</i> , a South African medicinal plant	Ethnobotany and ethnopharmacology
<b>PW-44</b>	PALICI, Ionut F.	Antimicrobial and antiproliferative activities of some North African desert plants	Ethnobotany and ethnopharmacology
<b>PW-45</b>	KOUTSOULAS, Antonios	Analysis of volatile constituents of <i>Sideritis raeseri</i>	Ethnobotany and ethnopharmacology
<b>PW-46</b>	ELOFF, Jacobus N.	<i>In vitro</i> antimycobacterial activity and cytotoxic activity of the acetone extract, fractions and compounds from <i>Oxyanthus speciosus</i> (Rubiaceae)	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-47</b>	MCGAW, Lyndy J.	The value of <i>in vitro</i> cytotoxicity testing in identifying suitable plant-based preparations for use in animal healthcare	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-48</b>	MANSOUR, Sameeh A.	An overview on a variety of medicinal plants with respect to their potency against pests of disease vectors	Medicinal plants and natural products in animal healthcare and veterinary medicine

<b>PW-49</b>	STADTLANDER, Timo	Effects of low inclusion levels of dried drumstick tree <i>Moringa oleifera</i> leaves into the diets of rainbow trout, <i>Oncorhynchus mykiss</i> , on growth, feed conversion and some blood parameters	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-50</b>	GHOTGE, Nitya S.	Medicinal plants and animal health care; experiences from India	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-51</b>	AYRLE, Hannah	Plant species reported from Swiss farmers to treat bovine respiratory diseases	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-52</b>	KASCHUBEK, Theresa	An <i>in vitro</i> cell culture model using IPEC-J2 to assess the anti-inflammatory and anti-oxidative effects of phytogetic feed additives	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-53</b>	KANG, So Young	<i>In vivo</i> antiviral activity of <i>Sanguisorba officinalis</i> roots against viral hemorrhagic septicemia virus in olive flounder <i>Paralichthys olivaceus</i>	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-54</b>	RIGHI, Adne A.	Cytotoxic effect of <i>Croton sphaerogynus</i> extracts against <i>Rhipicephalus microplus</i> cell line	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-55</b>	WALKENHORST, Michael	A herbal feed additive reduces the urea content in milk of dairy cows	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-56</b>	ELOFF, Jacobus N.	The association between antifungal activity and antiparasitic activity of plant extracts against helminths	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-57</b>	VALLE, Ana Catarina	Plants from Brazilian savannah possessing activity against bacteria causing dermatophilosis in animals	Medicinal plants and natural products in animal healthcare and veterinary medicine

<b>PW-58</b>	HECKENDORN, Felix	<i>In vitro</i> effect of seven seaweed extracts on gastrointestinal nematodes	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-59</b>	TEICHMANN, Klaus	Antioxidative properties of pure compounds and phytogetic feed additives in a chemical (ORAC) and a cell-based assay (yeast)	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-60</b>	SHENGENE, Makpal S.	Virus inhibitory activity of methanol extracts of <i>Halimodendron halodendron</i> Voss.	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-61</b>	SILVEIRA, Saulo	<i>In vitro</i> antimicrobial activity of <i>Annona muricata</i> against <i>Staphylococcus intermedius</i>	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-62</b>	MAZOCANTE, Guilherme	Susceptibility of animal pathogenic bacteria to an ethanolic extract from jambolan ( <i>Syzygium cumini</i> ) leaves	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-63</b>	MAZOCANTE, Guilherme	Antimicrobial and antioxidant activities of an ethanol extract from <i>Genipa americana</i>	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-64</b>	MELO, Giovanne	Antimicrobial activity of <i>Eugenia dysenterica</i> against <i>Staphylococcus intermedius</i>	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-65</b>	RAMSAY, Aina	Potent anthelmintic activity of galloylated proanthocyanidins from shea meal ( <i>Vitellaria paradoxa</i> )	Medicinal plants and natural products in animal healthcare and veterinary medicine
<b>PW-66</b>	BUCHWALD-WERNER, Sybille	<i>Mangifera indica</i> activates key the metabolic master switch enzymes SIRT-1 and AMPK	Medicinal plants in the treatment of chronic diseases
<b>PW-67</b>	SILVA, Branca M.	Epigallocatechin-3-gallate alters the metabolic phenotype of human Sertoli cells but protects from oxidative damage: a possible role for male fertility?	Medicinal plants in the treatment of chronic diseases

<b>PW-68</b>	SCHOOP, Roland	The <i>Echinacea purpurea</i> extract Echinaforce® is effective as a preventive in a model of bacterial superinfection	Medicinal plants in the treatment of chronic diseases
<b>PW-69</b>	EL-TOUMY, Sayed A. H.	Phenolic metabolites from <i>Acacia albida</i> leaves and evaluation of antihyperglycaemic effect of its extract	Medicinal plants in the treatment of chronic diseases
<b>PW-70</b>	HÁZNAGY-RADNAI, Erzsébet	Isolation of iridoids and flavones from the anti-inflammatory, antioxidative and antimicrobial extract of <i>Melampyrum barbatum</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-71</b>	ABD-ALLA, Howaida I.	Phytophenolics composition, hypolipidemic, hypoglycemic and antioxidative effects of the leaves of <i>Fortunella japonica</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-72</b>	ZOUBIR, Belmokhtar	<i>In vitro</i> antioxidant activity of <i>Retama monosperma</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-73</b>	HALVER, Jonas	<i>Crataegus</i> ssp. promotes late-stage cardiac differentiation and regeneration	Medicinal plants in the treatment of chronic diseases
<b>PW-74</b>	ANGELIS, Apostolis	Separation of neutral and acidic triterpenes from Mastic gum using Centrifugal Partition Chromatography (CPC) and Supercritical Fluid Chromatography (SFC-CO <sub>2</sub> )	Medicinal plants in the treatment of chronic diseases
<b>PW-75</b>	PIWOWARSKI, Jakub P.	Influence of urolithins on inflammatory response of RAW 264.7 murine macrophages	Medicinal plants in the treatment of chronic diseases
<b>PW-76</b>	JEONG, Sehee	The effects of <i>Cassia tora</i> against the photo-oxidation of A2E laden retinal pigment epithelium	Medicinal plants in the treatment of chronic diseases
<b>PW-77</b>	AGYARE, Christian	Anti-inflammatory and antioxidant properties of methanol extracts of <i>Hillieria latifolia</i> and <i>Laportea ovalifolia</i>	Medicinal plants in the treatment of chronic diseases

<b>PW-78</b>	ATAY, İrem	Evaluation of <i>in vitro</i> anti-inflammatory effects of the remaining water subextract of <i>Cistus laurifolius</i> leaves	Medicinal plants in the treatment of chronic diseases
<b>PW-79</b>	KASSEM, Iman A. A.	The ulcer protective effect of <i>Gleditsia triacanthos</i> methanolic fruit extract and its saponin-containing fraction	Medicinal plants in the treatment of chronic diseases
<b>PW-80</b>	KUCHTA, Kenny	Curcumin induces apoptosis in hepatic stellate cells via inhibition of the MyD88 pathway	Medicinal plants in the treatment of chronic diseases
<b>PW-81</b>	KIM, Yon-Suk	<i>In vitro</i> and <i>in vivo</i> anti-inflammatory effects of the chloroform fraction from <i>Trapa japonica</i> pericarp	Medicinal plants in the treatment of chronic diseases
<b>PW-82</b>	ATAY, İrem	Isolation of anti-inflammatory compounds from <i>Sambucus ebulus</i> leaves through <i>in vitro</i> activity-guided fractionation	Medicinal plants in the treatment of chronic diseases
<b>PW-83</b>	TADIC, Vanja	Chemical profile and cytotoxic activity in B16 melanoma and C6 glioma cell lines of the extracts of old man's beard obtained by different methods	Medicinal plants in the treatment of chronic diseases
<b>PW-84</b>	ASHOUR, Mohamed	Antidiabetic activity of <i>Eremophila maculata</i> leaves methanol extract and its major secondary metabolites	Medicinal plants in the treatment of chronic diseases
<b>PW-85</b>	GÖRICK, Cornelia	Olive, boldo, roselle, and rosemary support diet	Medicinal plants in the treatment of chronic diseases
<b>PW-86</b>	FOUBERT, Kenn	Cholesterol lowering effect in the gall bladder of dogs by <i>Herniaria hirsuta</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-87</b>	SCHÄFER, Karl-Herbert	Influences of STW 5, a multi-component herbal preparation, on motility and inflammation challenges in gut and enteric nervous system (ENS)	Medicinal plants in the treatment of chronic diseases

<b>PW-88</b>	KIM, Yon-Suk	Hepatic protective effect of <i>Trapa japonica</i> pericarp <i>in vitro</i> and <i>in vivo</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-89</b>	SILVA, Luís R.	<i>Endopleura uchi</i> : a medicinal plant with antidiabetic potential	Medicinal plants in the treatment of chronic diseases
<b>PW-90</b>	HAMED, Manal M.	Phytochemical investigation and cytotoxic characterization of bioactive constituents from <i>Conyza dioscoridis</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-91</b>	CORRADI, Elisabetta	Metabolite profile of <i>Salix reticulata</i> methanolic extract and its antiproliferative effect on immortalized human keratinocytes	Medicinal plants in the treatment of chronic diseases
<b>PW-92</b>	FERNANDES-FERREIRA, Manuel	Cytotoxic activity of water extract fractions of <i>Hypericum androsaemum</i> L. on colorectal cancer cells	Medicinal plants in the treatment of chronic diseases
<b>PW-93</b>	SIBUL, Filip	Anti-inflammatory and antioxidant activity of white lupin ( <i>Lupinus albus</i> ) aerial parts	Medicinal plants in the treatment of chronic diseases
<b>PW-94</b>	TRINH, Binh	High-resolution assays combined with HPLC-HRMS-SPE-NMR for identification of antidiabetic constituents in Vietnamese plants	Medicinal plants in the treatment of chronic diseases
<b>PW-95</b>	LEE, Seung-Eun	Effect of plant extracts on rat basophilic leukemia (RBL-2H3) cells sensitized with IgE	Medicinal plants in the treatment of chronic diseases
<b>PW-96</b>	SOELAIMAN, Ima N.	Palm-oil derived vitamin E as prophylaxis against osteoporosis in chronic glucocorticoid excess: An <i>in vivo</i> study	Medicinal plants in the treatment of chronic diseases
<b>PW-97</b>	MOEIN, Mahmoodreza	Antihyperglycemic effect of anthocyanin fraction of <i>Berberis integerrima</i> on STZ induced diabetic rats	Medicinal plants in the treatment of chronic diseases

<b>PW-98</b>	SILVA, Branca M.	White tea ( <i>Camellia sinensis</i> ) consumption improves heart and brain glycolytic and oxidative profiles in prediabetic rats	Medicinal plants in the treatment of chronic diseases
<b>PW-99</b>	LEE, Joohee	Heme oxygenase-1-mediated anti-inflammatory effect of tussilagonone in RAW 264.7 macrophages	Medicinal plants in the treatment of chronic diseases
<b>PW-100</b>	MOSSA, Abdel-Tawab H.	Phytochemical, free radical scavenging and hepatoprotective activity of <i>Acacia nilotica</i> leaves	Medicinal plants in the treatment of chronic diseases
<b>PW-101</b>	OMARA ENAYAT, Abdel Aziz	Effects of <i>Zilla spinosa</i> on liver fibrosis induced by carbon tetrachloride in rats	Medicinal plants in the treatment of chronic diseases
<b>PW-102</b>	AHN, Young-Sup	Osteoprotective effect of extract from <i>Panax ginseng</i> in ovariectomized rats	Medicinal plants in the treatment of chronic diseases
<b>PW-103</b>	OMALE, James	<i>In vitro</i> and <i>in vivo</i> evaluation of antioxidant activity of <i>Annona muricata</i> stem bark extracts in <i>Rattus norvegicus</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-104</b>	NIEBER, Karen	Effects of STW 5, STW 5-II and STW 6 on rat ileal and colonic preparations: Region specific effects	Medicinal plants in the treatment of chronic diseases
<b>PW-105</b>	ODEYEMI, Samuel W.	<i>In vitro</i> anti-inflammatory and free radical scavenging activities of crude saponins extracted from <i>Albuca bracteata</i> bulb	Medicinal plants in the treatment of chronic diseases
<b>PW-106</b>	KIM, Hyungwoo	Effects of root bark extracts from <i>Dictamnus dasycarpus</i> on ICAM-1 expression and immune cell infiltration in human keratinocytes	Medicinal plants in the treatment of chronic diseases
<b>PW-107</b>	ABDEL-AZIZ, Heba	The anti-inflammatory action of the herbal preparation STW5-II in normal human colonic mucosal cells	Medicinal plants in the treatment of chronic diseases



<b>PW-108</b>	KHAYYAL, Mohamed T.	Preservation of gastric functional activity in a novel stress model of functional dyspepsia by the herbal preparation, STW5	Medicinal plants in the treatment of chronic diseases
<b>PW-109</b>	MOHAMED MONA, Abd-El-Motagally	Anti-inflammatory activity of a new triterpenoidal saponin from <i>Crotalaria madurensis</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-110</b>	ARSIĆ, Ivana	The estimation of antioxidant potential of oil extracts of wild apple fruit	Medicinal plants in the treatment of chronic diseases
<b>PW-111</b>	BUCHHOLZ, Tina	<i>In vitro</i> screening of Traditional Chinese Medical (TCM) plants for pancreatic lipase and $\alpha$ -amylase inhibitory activities	Medicinal plants in the treatment of chronic diseases
<b>PW-112</b>	WONGPOOMCHAI, Rawiwan	<i>Spirogyra neglecta</i> , freshwater green alga, modulates the early stages of 1,2-dimethylhydrazine-induced colon carcinogenesis in rats	Medicinal plants in the treatment of chronic diseases
<b>PW-113</b>	ALJAIYASH, Ahmed	Cytotoxic activity of some Libyan medicinal plants against human breast cell lines MCF-7 and colon cell lines HCT-116 <i>in vitro</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-114</b>	ABDEL, Aziz Heba	Potential role of acid sensing ion channels and 5-hydroxytryptamine receptors in a rat model of gastro-esophageal reflux disease	Medicinal plants in the treatment of chronic diseases
<b>PW-115</b>	HUANG, Hui-Chi	Anti-inflammatory and antioxidative constituents from <i>Trapa natants</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-116</b>	KO, Byoung Seob	Effects of Samul-tang on hepatic lipid accumulation and hyperlipidemia in a postmenopausal rat model	Medicinal plants in the treatment of chronic diseases
<b>PW-117</b>	VONTZALIDOU, Argyro	Greek flora as a source for the detection of natural compounds potentially effective in preventing post-menopausal osteoporosis	Medicinal plants in the treatment of chronic diseases

<b>PW-118</b>	EHIANETA, Teddy S.	Area Under Curve (AUC) as a validating index for the hypoglycemic effects of <i>Sida acuta</i> (Fam. Malvaceae) ethanolic leaf extract in experimental diabetes	Medicinal plants in the treatment of chronic diseases
<b>PW-119</b>	KHALID, Sami A.	<i>In vitro</i> antifungal activity and GC/MS profiling of ten selected Sudanese essential oils against <i>Madurella mycetomatis</i> , the causative agent of black-grain mycetoma	Medicinal plants in the treatment of chronic diseases
<b>PW-120</b>	BONNET, Susan L.	Retrospective treatment outcome analysis on the use of medicinal plants to alleviate diarrhoea in the Thaba Nchu area of the Free State Province, South Africa	Medicinal plants in the treatment of chronic diseases
<b>PW-121</b>	NAJARI BEIDOKHTI, Maliheh	Inhibitory potential of 40 medicinal plant extracts from Madagascar against enzymes linked to type 2 diabetes	Medicinal plants in the treatment of chronic diseases
<b>PW-122</b>	LIM, EunSeon	Enhancement of glucose uptake by steroidal alkaloids from <i>Veratrum nigrum</i>	Medicinal plants in the treatment of chronic diseases
<b>PW-123</b>	TAKÁCS, István G.	Investigation of $\alpha$ -amylase inhibitory activities of herbal extracts with a HPLC-based assay	Medicinal plants in the treatment of chronic diseases
<b>PW-124</b>	MACHANA, Sasipawan	Phytochemical screening, total phenolic content and free radical scavenging activity of <i>Bruguiera sexangula</i> and <i>Connarus semidecandrus</i> extracts in Kung Krabaen Bay	Medicinal plants in the treatment of chronic diseases
<b>PW-125</b>	KWAK JONG, Hwan	Two new flavone glycosides from the aerial parts of <i>Platycodon grandiflorum</i> and their cytotoxic activity against human tumor cell lines	Medicinal plants in the treatment of chronic diseases

<b>PW-126</b>	CHANG, Fang-Rong	Anti-allergic and anti-inflammatory potential of <i>Typhonium blumei</i> and <i>Typhonium roxburghii</i> : inhibition of degranulation via calcium influx modulation	Medicinal plants in the treatment of chronic diseases
<b>PW-127</b>	DAHER, Costantine F.	Chemopreventive potential of the pentane-based fraction of wild carrot oil against chemically-induced squamous cell carcinoma	Medicinal plants in the treatment of chronic diseases
<b>PW-128</b>	EL-NEWARY, Samah A.	Mucilage of <i>Cordia dichotoma</i> seeds pulp: Isolation, purification and a new hypolipidemic agent in normal and hyperlipidemic rats	Medicinal plants in the treatment of chronic diseases
<b>PW-129</b>	LEE, Ji Eun	Inhibitory effect of ginsenoside on UVB-induced melanocyte proliferation	Medicinal plants in the treatment of chronic diseases
<b>PW-130</b>	MATLOUB, Azza A.	Phytochemical and biological activity studies on <i>Enterolobium contortisiliquum</i> pods	Medicinal plants in the treatment of chronic diseases
<b>PW-131</b>	EZE, Peter M.	Antibacterial and anti-inflammatory activities of poly-herbal mouthwash formulated using <i>Breynia nivosa</i> , <i>Moringa oleifera</i> , <i>Azadirachta indica</i> , and <i>Psidium guajava</i> stems	Medicinal plants in the treatment of chronic diseases
<b>PW-132</b>	ULRICH-MERZENICH, Gudrun	Curcumin sensitizes human U-87 glioblastoma and MCF-7 breast cancer cells to the endocannabinoid reuptake inhibitor OMDM-2	Medicinal plants in the treatment of chronic diseases
<b>PW-133</b>	OMARA ENAYAT, Abdel Aziz	Protective effects of <i>Punica granatum</i> peels on cisplatin-induced oxidative stress and nephrotoxicity in rats	Medicinal plants in the treatment of chronic diseases
<b>PW-134</b>	KELBER, Olaf	Multi-step evaluation of data on the multi-target effect of STW 5	Medicinal plants in the treatment of chronic diseases

<b>PW-135</b>	KUSTOVA, Tatyana S.	The <i>in vivo</i> and <i>in vitro</i> diabetic wound healing effects of two wild plants growing in Kazakhstan and its mechanisms of action	Medicinal plants in the treatment of chronic diseases
<b>PW-136</b>	KANG, Tong Ho	Anti-diabetic activity of phlorotannin from <i>Eisenia bicyclis</i> in Zebrafish, a model of type 1 and 2 diabetes	Medicinal plants in the treatment of chronic diseases
<b>PW-137</b>	NILE, Shivraj H.	Total phenolics, antioxidant, antidiabetic, anti-gout and anti-cholinesterase effect of ethyl acetate extracts from bitter gourd ( <i>Momordica charantia</i> )	Medicinal plants in the treatment of chronic diseases
<b>PW-138</b>	WILHELM, Anke	An investigation into consumed South African plant species as potential hERG channel blockers	Medicinal plants in the treatment of chronic diseases
<b>PW-139</b>	CAMAFORTE, Nathalia P.	Treatment with the EtOH extract of B.H. stimulated glucose transporter and inhibited Protein-tyrosine phosphatase 1B (PTP1B) expression in muscle of streptozotocin-diabetic mice	Medicinal plants in the treatment of chronic diseases
<b>PW-140</b>	FONG, Lai Yen	Asiaticoside reduces TNF- $\alpha$ -induced increased soluble platelet endothelial cell adhesion molecule-1 (sPECAM-1) levels in human aortic endothelial cells	Medicinal plants in the treatment of chronic diseases
<b>PW-141</b>	KHNAYZER, Rony S.	Effect of chronic intake of <i>Salvia libanotica</i> infusion on glycemia and lipemia in rats fed a high fat diet.	Medicinal plants in the treatment of chronic diseases
<b>PW-142</b>	NIEBER, Karen	Adenosine receptors in inflammation on rat colon preparations	Medicinal plants in the treatment of chronic diseases
<b>PW-143</b>	HEYDARI, Mojtaba	Herbal remedies for neuropathic pain in Traditional Persian Medicine	Natural products in CNS-related diseases
<b>PW-144</b>	ROCHA, Marina P.	Evaluation of the antioxidant and anticholinesterase activity of extracts from <i>Aspidosperma</i> spp.	Natural products in CNS-related diseases

<b>PW-145</b>	KLEIN-JÚNIOR, Luiz C.	Kopsanone and N (4)-oxide-kopsanone: two $\beta$ -carbolinic indole alkaloids with monoamine oxidase A inhibitory activity	Natural products in CNS-related diseases
<b>PW-146</b>	KOWAL, Natalia Magdalena	Virtual screening for new lead compounds for Alzheimer's disease with dual mode of action	Natural products in CNS-related diseases
<b>PW-147</b>	SHIN, Jae-Ho	Protective effect of <i>Gastrodia elata</i> blume extracts on cerebral injury induced by middle cerebral artery occlusion in rats	Natural products in CNS-related diseases
<b>PW-148</b>	SONAR, Vijay P.	Withanolides and alkaloids from <i>Withania somnifera</i> roots with binding affinity to opioid, cannabinoids and GABAergic receptors	Natural products in CNS-related diseases
<b>PW-149</b>	RYU, Jong Hoon	Ameliorating effect of swertisin in MK-801-induced prepulse inhibition deficits and cognitive impairment	Natural products in CNS-related diseases
<b>PW-150</b>	TRIFAN, Adriana	<i>In vivo</i> neurobiological activity of inhaled juniper essential oil	Natural products in CNS-related diseases
<b>PW-151</b>	RENDA, Gülin	<i>In vivo</i> analgesic activity and phytoconstituents of <i>Scrophularia kotschyana</i>	Natural products in CNS-related diseases
<b>PW-152</b>	HOŠŤÁLKOVÁ, Anna	Alkaloids from <i>Berberis vulgaris</i> and their biological activity connected to Alzheimer's disease	Natural products in CNS-related diseases
<b>PW-153</b>	HEINER, Felix	<i>Sideritis scardica</i> extracts inhibit the aggregation of $\alpha$ -synuclein and $\beta$ -amyloid peptides in <i>Caenorhabditis elegans</i> used as a model for neurodegenerative diseases	Natural products in CNS-related diseases
<b>PW-154</b>	PINTAĆ, Diandra	Inhibitory potential of <i>Rosa canina</i> and <i>Rosa sempervirens</i> fruit extracts towards acetylcholinesterase	Natural products in CNS-related diseases
<b>PW-155</b>	KIM, Hyeon Woo	Anti-neuroinflammatory compounds from <i>Athyrium yokoscense</i>	Natural products in CNS-related diseases

<b>PW-156</b>	MOHAMED, Tarik A.	Sesquiterpene lactones from <i>Cynara cornigera</i> : acetyl cholinesterase inhibition and <i>in silico</i> ligand docking	Natural products in CNS-related diseases
<b>PW-157</b>	MOLDZIO, Rudolf	THC exerts neuroprotective effect in glutamate affected murine primary mesencephalic cultures and neuroblastoma N18TG2 cells	Natural products in CNS-related diseases
<b>PW-158</b>	DIAS, Alberto C.	<i>Withania somnifera</i> leaf extract delivery as a nanoparticle protect the glioma cells from oxidative damage	Natural products in CNS-related diseases
<b>PW-159</b>	KELBER, Olaf	Do Valerian, Melissa and Passion flower and their combination have an anxiolytic effect? Preclinical evidence	Natural products in CNS-related diseases
<b>PW-160</b>	NOELDNER, Michael	<i>Ginkgo</i> -specific acylated flavonol glycosides modulate neurotransmitter and improve motor coordination in rats	Natural products in CNS-related diseases
<b>PW-161</b>	SZŐKE, Éva	Supercritical extraction of main alkaloids from <i>Galanthus elwesii</i>	Natural products in CNS-related diseases
<b>PW-162</b>	GAIKWAD, Nitin K.	Root cultures of <i>Canscora decussata</i> as a potential source of acetylcholinesterase inhibitors	Natural products in CNS-related diseases
<b>PW-163</b>	LEE, Seulah	A new isoflavonoid glycoside and other constituents from <i>Tilia amurensis</i> with anti-neuroinflammatory activity	Natural products in CNS-related diseases
<b>PW-164</b>	YALCIN, Funda	Analysis of antidepressant properties of some <i>Papaver</i> species by <i>in vivo</i> and <i>in vitro</i> methods	Natural products in CNS-related diseases
<b>PW-165</b>	SLEEM, Amany	Effect of <i>Cannabis sativa</i> extract on oxidative stress and brain damage induced by toluene in rats	Natural products in CNS-related diseases

<b>PW-166</b>	LEE, Eun-Hee	Levels of phenolic polycyclic aromatic hydrocarbons in Koreans' urine by LC-MS/MS	Other
<b>PW-167</b>	JUNG, Eun Sung	Integrated skin, liver, and serum metabolomics on the influence of green tea in ultraviolet B-induced photoaging mice model	Other
<b>PW-168</b>	MOHAMED, Reham I.	Renal and hepatic toxicity of methomyl and ameliorative effects of green tea ( <i>Camilla sinensis</i> ) administration	Other
<b>PW-169</b>	KRAUZE-BARANOWSKA, Mirosława	Anti-inflammatory activity of the fruits from some cultivars of <i>Rubus idaeus</i> and <i>Rubus occidentalis</i>	Other
<b>PW-170</b>	TSAFANTAKIS, N.	Leaf structure, metabolic profiling and evaluation of the antimicrobial activity of six mediterranean medicinal plants	Other
<b>PW-171</b>	GOURGUILLON, Lorène	Optimization of bioactive phenolic compounds extraction by modified supercritical fluid	Other
<b>PW-172</b>	MOSTAFA, Samia M.	Adverse effects of pesticide on weanling female rats: protective role of a grape seed extract	Other
<b>PW-173</b>	ENGEL, Rita	Effect of fertilization and arbuscular mycorrhizal fungi on active substances of marjoram	Other
<b>PW-174</b>	GYÖRGY, Zsuzsanna	Genetic diversity of wild <i>Rhodiola rosea</i> populations in Central-Europe revealed with SSR markers	Other
<b>PW-175</b>	NÉMETH, László Frici	Development of industrial scale Centrifugal Partition Chromatography	Other
<b>PW-176</b>	STATHOPOULOU, Konstantina	Exploitation of agricultural by-products for the recovery of bioactive compounds with applications in cosmetic industry	Other

<b>PW-177</b>	DAPAAH, Susana O.	Influence of methanol leaf extracts of <i>Hillieria latifolia</i> and <i>Laportea ovalifolia</i> on <i>in vitro</i> activity of selected antibiotics	Other
<b>PW-178</b>	GUENTHER, Florian	Investigation of lysozyme from the latices of <i>Euphorbia coerulescens</i> and <i>Euphorbia fortissima</i>	Other
<b>PW-179</b>	PARZONKO, Andrzej	Determination of <i>in vitro</i> photoprotection on human skin fibroblasts and keratinocytes after UVA and UVB radiation by aqueous and ethanolic extracts from <i>Stellaria media</i> herb	Other
<b>PW-180</b>	KURTÁN, Tibor	Stereochemical study of natural products by electronic circular dichroism	Other
<b>PW-181</b>	LORÁNTFY, László	Taxol purification with Centrifugal Partition Chromatography	Other
<b>PW-182</b>	LEE, Jeong-Hoon	Molecular and cultural characterization of a new licorice cultivar	Other
<b>PW-183</b>	LORÁNTFY, László	Extraction and separation of pinosylvins by Centrifugal Partition Chromatography	Other
<b>PW-184</b>	KIM, Yon-Suk	Effects of fermented <i>Asterina pectinifera</i> using <i>Cordyceps militaris</i> mycelia on antioxidant	Other
<b>PW-185</b>	ANTAL, Diana S.	Anatomical characteristics and tissue localization of various flavonoid subclasses in <i>Cotinus coggygria</i> stem and leaf cross-sections	Other
<b>PW-186</b>	WAGIH, Azza	Alpha-cypermethrin induced lipid peroxidation, oxidative damage in the liver and kidney of male rat: the antioxidant and protective effect of <i>Cedrelopsis grevei</i> essential oil	Other



<b>PW-187</b>	BRIEUDES, Vincent	Polar $\gamma$ -oryzanol, a new class of $\gamma$ -oryzanol in RBO: Identification and monitoring of qualitative and quantitative alternations throughout the rice milling process	Other
<b>PW-188</b>	ALI, Amina R.	Sage ( <i>Salvia officinalis</i> ) syrup alleviates liver enzymes and kidney functions induced by the carbamate pesticide- methomyl	Other
<b>PW-189</b>	PARANHOS, António H. S.	Involvement of PKA, but not Epac, in flavonoid accumulation in cell cultures of <i>Hypericum androsaemum</i>	Other
<b>PW-190</b>	SYTWALA, Sonja	Investigation of complex protein patterns of latex proteins of various <i>Euphorbiaceae</i> Juss. by two dimensional gel electrophoresis	Other
<b>PW-191</b>	JEON, Young-ah	Effects of pre-chilling, incubation temperature and light on seed germination of <i>Saponaria officinalis</i>	Other
<b>PW-192</b>	KHO, Younglim	Levels of markers for smoking and oxidative stress in the urine of Korean adults	Other
<b>PW-193</b>	KRISANTI, Elsa	Alcohol-based natural deep eutectic solvents (NADES) as green solvents for extraction of mangostins from <i>Garcinia mangostana</i> pericarp	Other
<b>PW-194</b>	MIRON, Anca	Effects of <i>Melissa officinalis</i> hydromethanolic extract on DNA damage induced by bleomycin in normal human dermal fibroblasts	Other
<b>PW-195</b>	SCHÖTZ, Karl	Plasma levels of rosiridin after oral administration of a <i>Rhodiola rosea</i> extracts in rats	Pharmacokinetics of phytochemicals

<b>PW-196</b>	SAMEEH, Manal Y	Comparative study of natural and synthetic linalool isolated from Ginger ( <i>Zingiber officinale</i> ) using photochemical reactions	Pharmacokinetics of phytochemicals
<b>PW-197</b>	UKPO, Grace E.	Effect of <i>Calliandra portoricensis</i> extract on the pharmacokinetics of glibenclamide in rats	Pharmacokinetics of phytochemicals
<b>PW-198</b>	KIM, Minkyoung	Comparison of biotransformation efficiency to produce Compound K according to the different types of Pectinase	Pharmacokinetics of phytochemicals
<b>PW-199</b>	MULSOW, Katharina	Study of the time-dependent uptake of mistletoe lectin by cultured tumor cells	Pharmacokinetics of phytochemicals
<b>PW-200</b>	SCHÖTZ, Karl	Principal component analysis of metabolites in urine from rats treated with procyanidin A <sub>2</sub> and two oligomeric procyanidin fractions from cranberry	Pharmacokinetics of phytochemicals
<b>PW-201</b>	CSUPOR, Dezső	Absorption of lycopsamine from a comfrey ointment through human skin	Pharmacokinetics of phytochemicals
<b>PW-202</b>	KARIOTI, Anastasia	Nanocochleates: innovative nanocarriers to enhance oral bioavailability of andrographolide	Pharmacokinetics of phytochemicals
<b>PW-203</b>	AHMED, Shihabeldin	Polyphenols profiles of fermented and non fermented <i>Cassia obtusifolia</i> leaves and their antifungal activity against <i>Madurella mycetomatis</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-204</b>	GRANICA, Sebastian	Phytochemical investigations of <i>Polygoni avicularis herba</i> . Quantification of phenolic compounds with UHPLC-CAD method.	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-205</b>	EMIR, Ahmet	Analysis of Amaryllidaceae alkaloids in <i>Galanthus krasnovii</i> by GC-MS	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-206</b>	STEFANACHE, Camelia P.	Phenolic content and antioxidant activity of <i>Nepeta parviflora</i> Bieb. species from wild populations in Republic of Moldova	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-207</b>	NICOLAUS, Christoph	UHPLC-QTOF-MS as a valuable tool for the identification of novel faradiol fatty acid diesters of <i>Calendula officinalis</i> flowers	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-208</b>	THEUNIS, Mart	Optimization and validation of an analytical RP-HPLC method for the analysis of glucosinolates in <i>Nasturtium officinale</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-209</b>	SHIN, Jae-Ho	Analytical method with ICP-MS for heavy metals as an unintended hazardous material in commercial pharmaceuticals	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-210</b>	BERES, Tibor	Analysis of ingenol and its conjugates in some species of the <i>Euphorbia</i> genus by ultra-high performance liquid chromatography-tandem mass spectrometry using isotope dilution method	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-211</b>	EL-AHMADY, Sherweit H.	A metabolomics study for the quality control of Black seed oil ( <i>Nigella sativa</i> ) based on Gas Chromatography-Mass Spectrometry	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-212</b>	ARSIĆ, Ivana	Stability study of Meliloti herb extract: coumarin and flavonoid content	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-213</b>	BROWN, Daniel C.	Active component composition and efficacy variability in North American ginseng	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-214</b>	KRETSCHMER, Nadine	Discrimination of Zi Cao species based on genomic analysis, TLC and HPLC	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-215</b>	PLUHÁR, Zsuzsanna	Effect of water supply on the accumulation levels of phenolic compounds, essential oil properties and antioxidant activity of <i>Thymus vulgaris</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-216</b>	KHO, Younglim	Comparison of ICP-MS and direct mercury analyzer for the analysis of mercury in pharmaceuticals	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-217</b>	AMEL, Bouzabata	Microscopic control of Rhizoma Curcumae Longae using multivariate analysis	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-218</b>	MALEKZADEH, Mahmoud	The effect of harvest time on essential oil content and composition of holy basil ( <i>Ocimum sanctum</i> )	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-219</b>	KARIOTI, Anastasia	Optimization of extraction method and evaluation of minimum content of sesquiterpene lactones in <i>Aucklandia lappa</i> roots	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-220</b>	KANG, So Young	Identification and quantification of an antibacterial flavonoid from the complex extract prepared from six species of medicinal plants	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-221</b>	STEFANACHE, Camelia P.	Comparative assessment of polyphenolic content and antioxidant capacity of <i>Arnica montana</i> samples differentiated on organ types from wild populations in the Romanian Eastern Carpathians	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-222</b>	CHEILARI, Antigoni	Comparison of HPLC-UV and NMR methodologies for the quantification of Silymarin complex in <i>Silybum marianum</i> fruit extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-223</b>	SVINYAROV, Ivan	Ionic liquid-assisted extraction as a sample preparation technique for HPLC determination of biologically active alkaloid galantamine in <i>Leucojum aestivum</i> (Summer snowflake)	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-224</b>	DANILA, Doina	Antioxidant activity of methanolic extracts of <i>Lamium album</i> and <i>Lamium maculatum</i> species from wild populations in the Romanian Eastern Carpathians	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-225</b>	YAN, Weidong	One single standard substance for the simultaneous determination of seven coffee polyphenols in green coffee bean extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-226</b>	DANOVA, Kalina	Optimization of an UHPLC method for flavonoids from <i>Hypericum</i> species	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-227</b>	BIJTTEBIER, Sebastian	A first step in the quest for the active constituents in <i>Filipendula ulmaria</i> (meadowsweet): comprehensive secondary metabolite identification by liquid chromatography-quadrupole orbitrap mass spectrometry	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-228</b>	WOLFRAM, Evelyn	Content of free anthraquinone aglyca in anthranoid-containing herbal drugs/laxatives of the European Pharmacopoeia (Ph. Eur.)	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-229</b>	JANG, Yu Kyung	Investigation of metabolite differences during fruit development of hot pepper ( <i>Capsicum annuum</i> L. cv. CM334) using GC-TOF-MS and UHPLC-LTQ-IT-MS/MS	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-230</b>	SMIDA, Imen	Antibacterial, antioxidant activities and phytochemical analysis of the leaf extract of <i>Ludwigia grandiflora</i> spp., invasive	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-231</b>	STASHENKO, Elena	Oxygen radical absorption capacity of <i>Lippia origanoides</i> (thymol and phellandrene chemotypes) and <i>Turnera diffusa</i> essential oils and extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-232</b>	RODRIGUEZ, Cabaleiro Diego	Advances in profiling of natural products by triple detection techniques combined with super critical CO <sub>2</sub> mobile phases and Sub-2 µm stationary phases	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-233</b>	STASHENKO, Elena	Flower metabolomics: volatile compound profile, antioxidant capacity and LC-MS-TOF identification of flavonoids in various tropical flowers	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-234</b>	TASDEMIR, Deniz	Rapid chemical analysis and antiprotozoal effect of the solvent extracts and the essential oil of <i>Artemisia indica</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-235</b>	DANILA, Doina	Comparative study of <i>Arnica montana</i> root and rhizome samples from Eastern Carpathians of Romania	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-236</b>	BOZORGI, Mahboobeh	Determinatin of proscillaridin in <i>Drimia maritima</i> from two provinces of Iran	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-237</b>	GAD, Haidy	A chemometric approach to the quality control of turmeric ( <i>Curcuma longa</i> ) by high performance liquid chromatography	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-238</b>	KOCH, Egon	Principal component analysis of production batches of the <i>Ginkgo biloba</i> extract EGb 761 <sup>®</sup> over a period of 10 years on the basis of routine quality control parameters	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-239</b>	HORVÁTH, Györgyi	Role of thin layer chromatography in detection of antibacterial activity of essential oils	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-240</b>	ILIESCU, Iolanda A.	Phytochemical fingerprints combined with bioautographic assays for possible multiple enzyme inhibiting activities of <i>Verbascum</i> (Scrophulariaceae) and <i>Ajuga</i> (Lamiaceae) plant extractives	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-241</b>	STATHOPOULOU, Konstantina	Metabolic profiling of Greek propolis samples and evaluation of their antioxidant, antimutagenic and anti-ageing properties	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-242</b>	TÓTH, Jaroslav	Possible adulterations of <i>Ginkgo biloba</i> food supplements	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-243</b>	BAZYLAK, Grzegorz	Antioxidant activity and total flavonoid content in variable phyto-stem cells extracts obtained by high-pressure homogenization method and assigned for use in biocosmetics	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-244</b>	FRANCISKOVIC, Marina	Comparative analysis of total phenolic content and biological potential of <i>Urtica dioica</i> L. and <i>Urtica kioviensis</i> extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-245</b>	SCHILLER, Katharina	Development of an HPTLC-method for identification of <i>Scrophulariae radix</i> (Xuanshen) and quantification of the two main iridoids, harpagide and harpagoside	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-246</b>	LIMSUWANCHOTE, Supattra	Determination of kratom ( <i>Mitragyna speciosa</i> ) alkaloids in kratom cocktail using anti-mitragynine monoclonal antibody-based ELISA	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-247</b>	TADIC, Vanja	Yarrow herb ( <i>Achillea millefolium</i> ) oil extracts: Qualitative and quantitative analyses of major phenolic compounds and assessment of antioxidant activity	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-248</b>	POLYCHRONOPO ULOS, Panagiotis	Metabolic profiling of Greek honey samples and evaluation of their antioxidant activity	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-249</b>	PUTALUN, Waraporn	Immunochromatographic assay for mulberroside A detection using polyclonal antibody against mulberroside A	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements



<b>PW-250</b>	KNITTEL, Diana N.	Development of an HPLC method for the characterization and quantification of cardenolides in <i>Strophanthus kombe</i> extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-251</b>	MOHAMED, Amal A.	HPLC analysis of phenolic compounds, antioxidant and thrombolytic activities of <i>Origanum vulgare</i> using various solvent extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-252</b>	TOKTAS, Umit	X-ray fluorescence spectroscopic determination of heavy metal and trace element concentrations of <i>Origanum sipyleum</i> from Turkey	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-253</b>	EL-AHMADY, Sherweit H.	UV spectroscopy and chemometrics: A simple approach to herbal quality control	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-254</b>	MÁTHÉ, Imre	Annual variation of the essential oil production of <i>Artemisia asiatica</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-255</b>	LEE, Mi Kyeong	Optimization of extraction conditions of acorn pollen for tyrosinase inhibition using response surface methodology	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-256</b>	COSTA, Fernanda N.	Metabolite profiling of minor constituents in <i>Salicornia gaudichaudiana</i> by countercurrent chromatography and ESI-MS detection	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-257</b>	SILVA, Luís R.	Metabolic and biological prospecting of <i>Aphylllocladus spartioides</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-258</b>	VAN DOOREN, Ines	Development and validation of a method for standardization of infusions of <i>Herniaria hirsuta</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-259</b>	NÉMETH-ZÁMBORINÉ, Éva	Effect of the growing location on herb yield and active substances of <i>Melissa officinalis</i> and <i>Thymus vulgaris</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-260</b>	ALIGIANNIS, Nektarios	Integrated HPTLC-based methodology for the tracing of bioactive compounds in herbal extracts by employing multivariate chemometrics. The case study of anti-tyrosinase agents from <i>Morus alba</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-261</b>	SVINYAROV, Ivan	Ionic liquid micellar extraction for quantitative determination of sesquiterpenic acids in <i>Valerianae Radix</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-262</b>	TSAFANTAKIS, N.	LC-HRMS based chemical profiling of <i>Opuntia ficus indica</i> and assessment of its antioxidant, whitening, protective activity and toxicity	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-263</b>	WU, Tung-Ying	An accurate experimental design for the characterization and quantitation of <i>Antrodia cinnamomea</i> triterpenoids with RSM, qNMR and HPLC-Tandem MS: A tough case to crack	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-264</b>	JHUNJHUNWALLA, Kamal N.	Effects of harvest period and distillation method on the chemical composition and antimicrobial activity of the essential oil of <i>Cyperus scariosus</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-265</b>	PINTAC, Diandra	Effect of traffic pollution on physiological parameters, phenolic profile and antioxidant activity of <i>Rosa canina</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-266</b>	CHRISTIAN, Lubrano	HPTLC-ESI-MS and HPTLC-fluorescence methods for identification and quantification of darutoside in <i>Sigesbeckia orientalis</i> leaves extracts	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-267</b>	MALEKZADEH, Mahmoud	Evaluation of intraspecific variability of biologically active compounds of <i>Melissa officinalis</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-268</b>	CSUPOR, Dezső	Milk thistle in Wilson's disease: what is the pledge of safety?	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-269</b>	BAZYŁAK, Grzegorz	Attractylisides, chlorogenic acids and antioxidant capacity of raw Arabica green coffee beans (AGCB) used by regular and spontaneous dieters to supports body weight loss and slimming	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-270</b>	BITTNER, Marian	Qualitative and quantitative analysis of polyphenolic compounds from clone plants of <i>Actaea racemosa</i> L. by high-performance thin layer chromatography and reversed-phase high-performance liquid chromatography	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-271</b>	RODRIGUEZ, Cabaleiro Diego	Benefits of using mass detection for analysis of non-chromophoric compounds	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-272</b>	SUNG, Jungsook	Variation of antioxidant activity and polyphenol content in safflower ( <i>Carthamus tinctorious</i> ) germplasm collection	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-273</b>	ZENG, Lingfeng	Comprehensive evaluation of the quality of Platycodi Radix with reference standard extract	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements

<b>PW-274</b>	UNVER, Somer Nehir	Quantitative determination of protopine in <i>Hypecoum procumbens</i> subsp. <i>atropunctatum</i>	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-275</b>	MGBEAHURUIKE, Eunice E.	Thin-layer chromatographic method optimization of a <i>Piper guineense</i> extract: comparison with published methods	Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
<b>PW-276</b>	LAI, Kuei-Hung	Antileukemic lanostanoids from <i>Poria cocos</i>	9 <sup>th</sup> Young Researchers Workshop
<b>PW-277</b>	WARATCHAREEYAKUL, Watcharee	Vasorelaxant studies on stilbenoids and phenanthrene derivatives from <i>Brasiliorchis porphyrostele</i> Rchb.f. (Orchidaceae)	9 <sup>th</sup> Young Researchers Workshop
<b>PW-278</b>	FALESCHINI, Maria Teresa	Discovery of natural products potentially active against myotonic dystrophy type 1	9 <sup>th</sup> Young Researchers Workshop
<b>PW-279</b>	AMIN, Adnan	Phytochemical and pharmacological investigation of <i>Kickxia ramosissima</i>	9 <sup>th</sup> Young Researchers Workshop
<b>PW-280</b>	CSÁBI, József	Synthesis and SAR of ecdysteroid derivatives as adjuvant anticancer agents	9 <sup>th</sup> Young Researchers Workshop
<b>PW-281</b>	VIKEVED, Elisabet	“Ligand fishing” in chemical space reveals new potential leishmanicidals	9 <sup>th</sup> Young Researchers Workshop
<b>PW-282</b>	SAHLI, Ramla	A phytochemical and biological study of <i>Juncus maritimus</i> , an extremophile plant from Tunisia	9 <sup>th</sup> Young Researchers Workshop
<b>PW-283</b>	BINEY, Robert P.	Neuroprotective effects of xylopic acid on lipopolysaccharide-induced neuroinflammation	9 <sup>th</sup> Young Researchers Workshop
<b>PW-284</b>	MIREKU-GYIMAH, Nana Ama	Stimulatory and depressant-like effects of the crude alkaloids of <i>Picralima nitida</i>	9 <sup>th</sup> Young Researchers Workshop

<b>PW-285</b>	ROUGER, Caroline	Lepidotols and lepidotins: new phenylcoumarins from <i>Mesua lepidota</i> as promising inhibitors of endothelial immune responses and dysfunction	9 <sup>th</sup> Young Researchers Workshop
<b>PW-286</b>	ULRICH, Diana	Plant derived natural products as novel fusion inhibitors against Herpes simplex virus type 1 (HSV-1)	9 <sup>th</sup> Young Researchers Workshop
<b>PW-287</b>	WEDLER, Jonas	A polyphenol enriched fraction of rose oil distillation water inhibits proliferation in HaCaT cells and induces apoptosis	9 <sup>th</sup> Young Researchers Workshop
<b>PW-288</b>	GUCCIONE, Clizia	Preparation and analysis of nanocarriers for brain delivery of neuroprotective andrographolide	9 <sup>th</sup> Young Researchers Workshop
<b>PW-289</b>	STANISŁAWSKA, Iwona J.	Effects of urolithins on prostate cancer cells and activity of antiandrogens	9 <sup>th</sup> Young Researchers Workshop



# Pre-Congress Symposium

**23 August 2015 - Bartók Hall**

- 9:00 – 9:45      **Mark O'Neil-Johnson (Sequoia Sciences, Inc. USA)**  
Natural products for drug discovery from plants to 96 well-plates, from activity to compound isolation
- 9:45 – 10:15    **David Crowshaw (Grace Discovery Sciences, UK)**  
Flash and prep purification of botanical extracts
- 10:15 – 10:30    **BREAK**
- 10:30 – 11:00    **David Crowshaw (Grace Discovery Sciences, UK)**  
The benefits of evaporative light scattering detection for natural product analysis
- 11:00 – 11:30    **Mark O'Neil-Johnson (Sequoia Sciences, Inc. USA)**  
UPLC and HPLC column primer, a Phenomenex perspective
- 11:30 – 13:00    **LUNCH - Egon Stahl-Award in Silver lecture**
- 13:00 – 13:45    **Giorgis Isaac (Waters Corporation, USA)**  
HPLC/UPLC, SFC/UPSFC and ion mobility mass spectrometry in natural product research
- 13:45 – 14:05    **Susan Hodi (BioTools, Inc.)**  
VCD
- 14:05 – 14:50    **Sandra Groscurth (Bruker BioSpin, Switzerland)**  
Structure elucidation by NMR spectroscopy
- 14:50 – 15:05    **BREAK**
- 15:05 – 15:50    **Eliane Garo (University of Basel, Switzerland)**  
Lead discovery and structure elucidation approaches in natural product research
- 15:50 – 16:35    **Dan Staerk (University of Copenhagen, Denmark)**  
Ligand fishing and high-resolution bioassays as targeting tools for HPLC-HRMS-SPE-NMR analysis of crude extracts

# Regulatory Affairs Workshop

23 August 2015 - *Lehár Hall*

***Traditional Herbal Medicinal Products (THMP) from Non-European Countries in Europe and vice versa - Experiences and Future Perspectives***

**Chair:** Susanne Alban, Kiel University, Germany

- 13:00 – 13:15     **Susanne Alban, Kiel University, Germany**  
Opening
- 13:15 – 13:45     **Werner Knöss, Chair of the HMPC, EMA**  
Contributions and visions of the Committee on Herbal Medicinal Products (HMPC)
- 13:45 – 14:15     **Gerhard Franz, Chair of the TCM Working Party of the Eur.Ph.**  
Pharmacopoeia monographs for Chinese herbal drugs for quality assurance
- 14:15 – 14:45     **Emiel van Galen, CBG/MEB, The Netherlands**  
THMP from non-European countries – View of regulatory authorities
- 14:45 – 15:15     **BREAK**
- 15:15 – 15:45     **Mei Wang, TNO Quality of Life, The Netherlands**  
THMP from non-European countries – View of industry
- 15:45 – 16:15     **Bernd Roether, Bionorica SE, Germany**  
THMP from Europe in non-European countries - View of industry
- 16:15 – 17:30     Panel and Open Discussion  
**Panelists: Rudolf Bauer (University of Graz, Austria),  
Speakers and Chair**

# 9<sup>th</sup> Young Researchers Workshop

23 August 2015 - Liszt I-II Hall / Liszt III Hall parallelly

	<b>Liszt I-II Hall</b>	<b>Liszt III Hall</b>
13:00 – 13:10	<b>Prof. Sandra Apers (Belgium) and Prof. Robert Fürst (Germany)</b> Welcome	
13:10 – 13:40	Impulse Lecture 25 + 5 min	
	<b>Elke Heiss</b> Dissecting the molecular mechanisms of bioactive natural products – why the effort pays off	
13:45 – 14:00	Short Lecture I 10 + 5 min	
	<b>Kuei-Hung Lai</b> Antileukemic lanostanoids from <i>Poria cocos</i>	<b>Robert P. Biney</b> Neuroprotective effects of xylopic acid on lipopolysaccharide-induced neuroinflammation
14:00 – 14:15	Short Lecture II 10 + 5 min	
	<b>Watcharee Waratchareeyakul</b> Vasorelaxant studies on stilbenoids and phenanthrene derivatives from <i>Brasiliorchis porphyrostele</i> Rchb.f. (Orchidaceae)	<b>Nana Ama Mireku-Gyimah</b> Stimulatory and depressant-like effects of the crude alkaloids of <i>Picralima nitida</i>
14:15 – 14:30	Short Lecture III 10 + 5 min	
	<b>Maria Teresa Faleschini</b> Discovery of natural products potentially active against myotonic dystrophy type 1	<b>Caroline Rouger</b> Lepidotols and lepidotins: new phenylcoumarins from <i>Mesua lepidota</i> as promising inhibitors of endothelial immune responses and dysfunction
14:30 – 15:00	Coffee Break	
15:00 – 15:15	Short Lecture IV 10 + 5 min	
	<b>Adnan Amin</b> Phytochemical and pharmacological investigation of <i>Kickxia ramosissima</i>	<b>Diana Ulrich</b> Plant derived natural products as novel fusion inhibitors against <i>Herpes simplex virus type 1</i> (HSV-1)



<b>CTD</b>	<b>Liszt I-II Hall</b>	<b>Liszt III Hall</b>
15:15 – 15:30	Short Lecture V 10 + 5 min	
	<b>József Csábi</b> Synthesis and SAR of ecdysteroid derivatives as adjuvant anticancer agents	<b>Jonas Wedler</b> A polyphenol enriched fraction of rose oil distillation water inhibits proliferation in HaCaT cells and induces apoptosis
15:30 – 15:45	Short Lecture VI 10 + 5 min	
	<b>Elisabet Vikeved</b> "Ligand fishing" in chemical space reveals new potential leishmanicidals	<b>Clizia Guccione</b> Preparation and analysis of nanocarriers for brain delivery of neuroprotective andrographolide
15:45 – 16:00	Short Lecture VII 10 + 5 min	
	<b>Ramla Sahli</b> A phytochemical and biological study of <i>Juncus maritimus</i> , an extremophile plant from Tunisia	<b>Iwona J. Stanisławska</b> Effects of urolithins on prostate cancer cells and activity of antiandrogens
16:15 – 17:00	General discussion	

# General information

## Venue

### Budapest Congress Center (BCC)

**Address:** H-1123 Budapest, Jagelló u. 1-3.

**Phone:** +36 1 372 5400

**Fax:** + 36 1 466 5636

[www.bcc.hu](http://www.bcc.hu)



## Registration desk opening hours

8:30 – 21:00 Sunday, 23 August, 2015  
08:00 – 19:00 from Monday, 24 August – till Tuesday, 25 August, 2015  
08:00 – 17:00 Wednesday, 26 August

## Information desk opening hours

8:30 – 21:00 Sunday, 23 August, 2015  
08:00 – 20:00 from Monday, 24 August – till Tuesday, 25 August, 2015  
08:00 – 17:30 Wednesday, 26 August

## File upload room opening hours (Brahms I Hall)

08.00 – 18.00 Monday, 24 August  
08.00 – 18.00 Tuesday, 25 August  
08.00 – 11.00 Wednesday, 26 August

## Poster presentations

There will be two poster sessions held during the conference:

Poster session I.	Mounting:	24 <sup>th</sup> , August, from 08:00
	Removal:	25 <sup>th</sup> August, latest in the lunch break
Poster session II.	Mounting:	25 <sup>th</sup> , August, from the coffee break in the afternoon
	Removal:	26 <sup>th</sup> August, after the poster session

Posters left on the boards after the removal deadline will be removed by the organizers.

## Social events

### GET TOGETHER PARTY

*Pátria Hall*

19:00-21:00 Sunday, 23 August 2015

Price: included in the registration fees

### CONCERT IN MATTHIAS CHURCH

*Matthias Church, Szentháromság tér, Castle district – no organized transportation is provided*

20:00-20:30 Monday, 24 August 2015

Price: included in the registration fees

### CONGRESS DINNER

*Lázár Equestrian Park, Domony-valley – organized transportation is provided*

Gathering at 17:30 Wednesday, 26 August 2015 in the parking lot of the venue (BCC)

Price: 60 EUR

## Excursions

### Pannonhalma

Pannonhalma, a town in western Hungary, is famous for its ancient monastery and a source of Hungarian medicinal plant culture. The participants of this excursion will have the opportunity to visit the recently renovated monastery, which is a World Heritage site, and the botanical and medicinal plant garden, where the tradition of benedictine medicinal plant cultivation is still preserved. Lunch is provided in the Restaurant Viator at the Abbey.

**Price:** 80 EUR incl. lunch, refreshment, all transfer costs and tickets.

**Meeting point:** Parking lot of BCC (Conference Venue) at 8.15, 27<sup>th</sup> August.

### The Tihany peninsula

The Tihany Peninsula, where cultural heritage and medicinal plant culture meets, with its unique microclimate and magnificent view to the Lake Balaton, is a perfect destination for a one-day trip.

After visiting the Abbey of Tihany, a lunch is included in the neighboring town, Balatonfüred in the Restaurant „Borcsa”. In the afternoon a wine tasting will be offered in Csopak in the heart of the wine region, Balaton Highland.

**Price:** 80 EUR incl. lunch, refreshment, all transfer costs and tickets.

**Meeting point:** Parking lot of BCC (Conference Venue) at 8.15, 27<sup>th</sup> August.

## Meals

Please note that registration fees include Get together party and all coffee breaks, however lunches are not included. Lunch tickets for the three main conference days (24-26 August) can be purchased latest in the first coffee break on Monday.

## Shopping in Budapest (opening hours)

Food shops are open from 7 AM – 6 PM Mon – Fri, 8 AM – 1 PM Sat. Other shops are open between 10 AM – 6 PM Mon – Fri, 10 AM – 1 PM Sat.

Shops larger than 200 sqm **cannot be open on Sunday**. So shops, supermarkets, stores are closed on Sunday, only smaller ones (less than 200 sqm) and family owned shops where family members work will be open on the last day of the week.

**Office hours:** generally from 8 AM – 4 PM Mon – Fri.  
**Post offices:** Mon – Fri: 8 AM – 6 PM, Sat: 8 AM – 1 PM  
**Banks:** Mon – Thu: 8 AM – 3 PM, Fri: 8 AM – 1 PM.

## Taxis in Budapest

Budapest taxis are coloured to yellow, with yellow number plates and a taxi sign in yellow. Any vehicle without these features is operating illegally. It's a good idea to avoid drivers who volunteer their services but don't have a registered taxi sticker on their car. This can prevent unpleasant surprises when it comes time to pay. All cars must have a taximeter installed, and these also print out a receipt. Taxi drivers are required to give an invoice on request. Tipping: in general 10% of the fare is acceptable. The total charge that has to be paid by the passenger is made up of three separate parts: the basic charge, which is irrespective of how far the journey is, presently HUF 450 during day and night, a per kilometre charge which depends on how many kilometres are covered during the journey HUF 280/km, and the waiting charge which is HUF 70/min. From 1 September 2013 a new regulation came to force which regulates the taxi fares. No fixed, shuttle or pre-agreed prices are available any more.

## Telephone

The international code for Hungary is 36, the area code for Budapest is 1. To call a number within Hungary, first dial 06. Budapest telephone numbers have seven digits, all other areas have six digits (in addition to the area codes). To make an international call from Hungary, first dial 00, then the country code followed by the area code and the subscriber's telephone number. To call a (Hungarian) mobile phone, from a public telephone first dial 06, followed by the subscriber's seven-digit number starting with 20-, 30- or 70-.

### Important phone numbers

English is usually spoken at the emergency numbers listed below. In case English is not spoken, dial 112

**Ambulance:** 104  
**Fire brigade:** 105  
**Police:** 107  
**Central help number:** 112

**Inland enquiries:** 11818  
**International enquiries:** 11824  
**Hungarian Automobile Club help number:** 188

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# Company profiles

Research Institute for Medicinal Plants and Herbs

[gynki.hu](http://gynki.hu)

The aim of establishing the Research Institute for Medicinal Plants and Herbs in 1915 was to support the demand for herbal pharmaceutical raw materials (herbal drugs) by researching new species, and to provide at the same time a variety of raw materials for research. Since 2008, the Research Institute for Medicinal Plants and Herbs Ltd. has been operating as a member of PannonPharma Group, ensuring thereby that the unique, worldwide firstly established, internationally renowned base of Hungarian medicinal plant research with great tradition continues to be maintained.

## Main activities:

- Production of pharmaceutical raw materials and products
- Developing, manufacturing medicinal and cosmetic products
- Plant production technology, plant breeding
- Production of medicinal plant propagation material
- Maintenance of plant varieties
- Genebank activities
- Technical, chemical, biological tests and analyses
- Biotechnological research and development
- Population-genetic, molecular biological and genetic studies, researches
- Chemotaxonomical researches

More information, please visit our website: [www.gynki.hu](http://www.gynki.hu) or send us an e-mail to [info@gynki.hu](mailto:info@gynki.hu)

We would be happy to meet you at our exhibition stand.

Martin Bauer Group / Finzelberg

[the-nature-network.com](http://the-nature-network.com)

Finzelberg within the Martin Bauer Group is one of the world's leading suppliers of high-quality plant extracts for the production of phytopharmaceuticals and nutritional supplements. Our expertise meets the demands of the health industry. Finzelberg's wealth of experience comes from working with plants since 1875; as a result we enjoy an international reputation in phytomedicine. Our portfolio includes more than 800 extracts deriving from more than 100 different plants. Every extract is defined, optimised for an easy-to-process galenic and comes with a documentation package best suitable for the related market region. It goes without saying we guarantee certified facilities.

Finzelberg is a member of the nature network<sup>®</sup> which is covering even more things relating to plants. We offer one thing above all: peace of mind.

ROWA, an innovative company of German origin was established in Ireland in 1959 by late Roland Wagner, specialising in Ethical and OTC pharmaceuticals. Rowa Germany and Rowa/Rowex Ireland cooperate closely in the field of product development and technology transfer. With international presence across the globe, ROWA has representatives in almost every country, reaching out to meet all nations' healthcare needs. SATCO is the representative of ROWA in HUNGARY. ROWA products are original preparations for the diseases of the kidney, urinary tract, biliary system. Mixtures of highly purified monoterpenes which are herbal plant extracts unite traditional medicine and science. They are formulated by high standard pharmaceutical technology into pharmaceuticals. For the treatment of cold sores/herpes, aptha the active ingredient in a gel is also of herbal origin (*G. glabra*).

In 1972, a Hungarian inventor, Csaba Horváth developed the first HPLC instrument, which revolutionized the instrumental separation technique. 42 years later, in 2014, we developed the first real industrial scale CPC instrument which revolutionizes the industrial scale purification of APIs.

We are a young and talented team of engineers, based in Hungary. We have developed a disruptive industrial scale CPC instrument which redefines the expectations of the chromatography in industry. Our extraction cell design simply outperforms all existing purification methods in all major indicators of precision, effectiveness and scalability. Through this platform, not only has the HPLC instrument become economically viable, but it is now available to expand into remote fields which were previously inaccessible to the industry.

RotaChrom's mission is perpetual innovation within preparative purification operations. Our company's novel scalable design has made the Chromatographic process more effective and economical, with an end product which is more cost effective and pure.

Based on data from our previous studies, our process and operations have the potential to redefine the standards and revolutionize industrial scale separation science.

Simkon Kft. is a Hungarian distributor of Shimadzu. Shimadzu provides a broad range of analytical instruments indispensable for research, development, and quality control in a variety of market segments such as Food, Beverages and Agriculture; Pharmaceutical; Clinical; Environmental; Chemical, Petrochemical, Biofuel and Energy, Plastics and Rubber. Our high-level, sophisticated product range includes gas chromatography (GC), gas chromatography mass spectrometry (GCMS), Liquid Chromatography (LC, HPLC, UHPLC), Liquid Chromatography mass spectrometry (LCMS), Ultra-fast mass spectrometry (UFMS), Spectroscopy, UV-Vis-NIR, FTIR, Atomic Absorption Spectroscopy (AAS) and Energy Dispersive X-ray Fluorescence Spectroscopy, Inductively Coupled Plasma Emission Spectroscopy (ICP-OES), elemental and surface analysis systems, Particle Size, Life Science Lab Instruments, Total Organic Carbon Analysis (Sum Parameters), material testing and measuring technology. Our offer is rounded by Datamanagement and Software systems.





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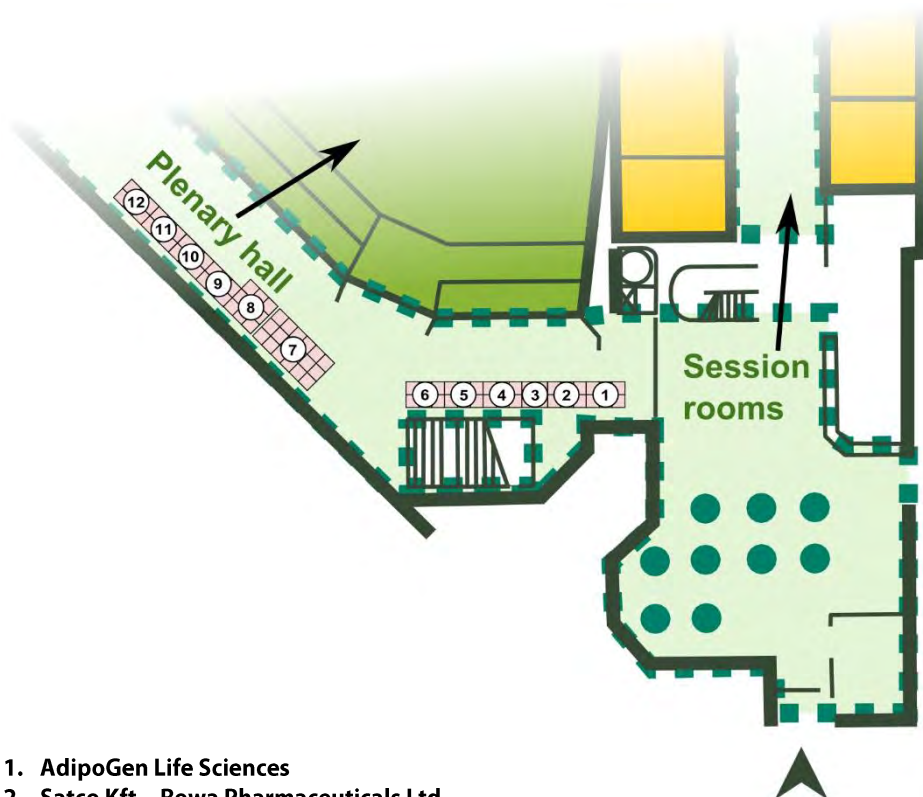
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## Exhibition floorplan



1. AdipoGen Life Sciences
2. Satco Kft. - Rowa Pharmaceuticals Ltd.
3. ABL&E-JASCO Hungary
4. Indena S.p.A.
5. Martin Bauer Group
6. Waters
7. Research Institute for Medicinal Plants
8. CAS
9. Unicam Hungary Ltd.
10. Simkon Ltd.
11. CAMAG
12. CRC Press (Taylor & Francis)

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Kapszula – kúraszerű kezelésre

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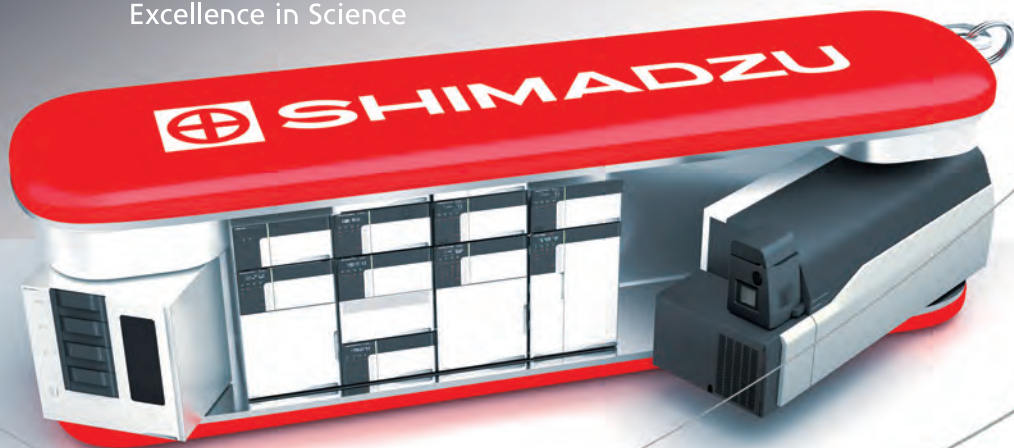
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*Nexera UC: a szuperkritikus  
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## Az analitika svájci bicskája

### Egyesített kromatográfia

Az új *Nexera UC* egyesített kromatográf az SFC és az LC elválasztási technológiák előnyeit egyesíti az MS/MS detektálással. Az SFE/SFC/MS platform egyesíti az egyszerű és gyors on-line minta előkészítést a korszerű kromatográfias analízissel és a nagy érzékenységu detektálással.

- **A világon a legelső egyesített és teljesen automatizált rendszer**  
szuperkritikus folyadék extrakció (SFE) és szuperkritikus folyadék kromatográfia (SFC) kombinációja
- **Az első univerzális rendszer**  
applikációk széles területe, élelmiszer ellenőrzés, környezetvédelmi analízis, gyógyszeripari alkalmazások

- **Módszer fejlesztési opció**  
speciális módszerfejlesztési konfiguráció akár 12 oszloppal is
- **Gondtalan, nagy hatékonyságú minta előkészítés**  
akár 48 mintáig, egyszerű on-line transzfer a kromatográfias és MS rendszerbe



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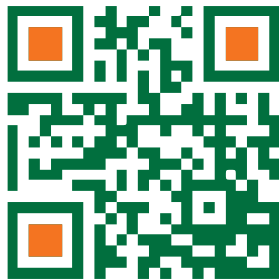
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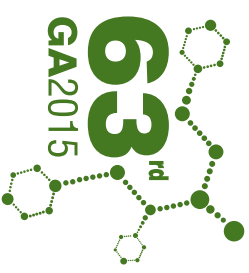
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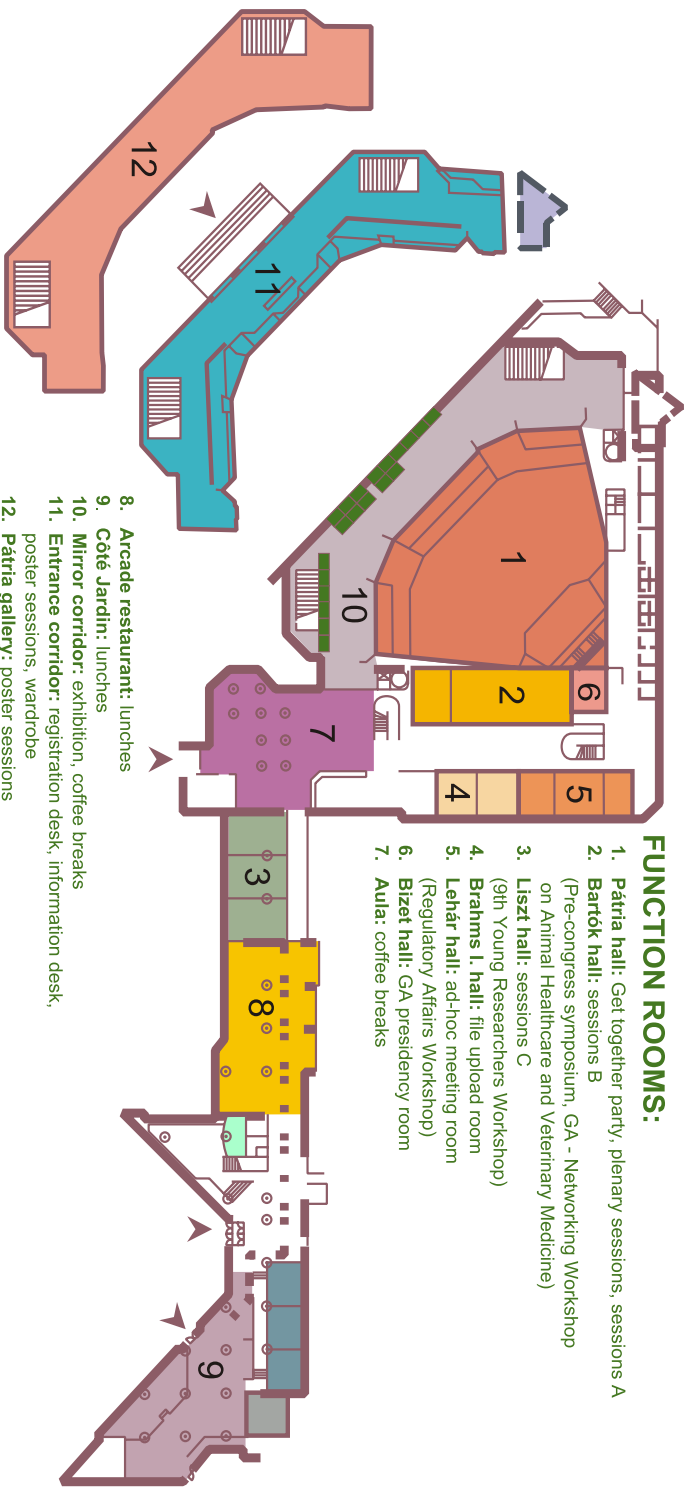
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# Legend of the Congress levels of GA 2015



## FUNCTION ROOMS:

1. **Pátiria hall:** Get together party, plenary sessions, sessions A
2. **Bartók hall:** sessions B  
(Pre-congress symposium, GA - Networking Workshop on Animal Healthcare and Veterinary Medicine)
3. **Liszt hall:** sessions C  
(9th Young Researchers Workshop)
4. **Brahms I. hall:** file upload room
5. **Lehár hall:** ad-hoc meeting room  
(Regulatory Affairs Workshop)
6. **Bizet hall:** GA presidency room
7. **Aula:** coffee breaks



8. **Arcade restaurant:** lunches
9. **Côte Jardin:** lunches
10. **Mirror corridor:** exhibition, coffee breaks
11. **Entrance corridor:** registration desk, information desk, poster sessions, wardrobe
12. **Pátiria gallery:** poster sessions