



4th International Symposium of Young Researchers on Medicinal Plants and Natural Product Research

FINAL PROGRAM

Location: Szeged Regional Committee of Hungarian Academy of Sciences
Somogyi u. 7, 6720 Szeged

Online Zoom link: Meeting ID: 895 2881 5637, Passcode: 227572

<https://us06web.zoom.us/j/89528815637?pwd=dHk1ODcyaXFicWpRK0xnZXk1QU9tQT09>

22nd May Monday

10:00 – 10:30	Keynote lecture Maria M. M. Santos Indole derivatives as promising therapeutic agents for cancer and malaria Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa, Av. Prof Gama Pinto 1649-003, Lisbon, Portugal
10:30 – 10:50	Mária Gáborová,¹ Máté Vágvölgyi,² Attila Hunyadi,² Szabolcs Béni,³ Renata Kubínová¹ Structure elucidation of diterpenoids isolated from three <i>Plectranthus sensu lato</i> species ¹ Department of Natural Drugs, Faculty of Pharmacy, Masaryk University, Palackého třída 1946/1, 612 00 Brno, Czech Republic; ² Institute of Pharmacognosy, Faculty of Pharmacy, University of Szeged, Eötvös u. 6, H-6720 Szeged, Hungary; ³ Department of Pharmacognosy, Faculty of Pharmacy, Semmelweis University, Üllői út. 26, H-1085 Budapest, Hungary
10:50 – 11:10	Anita Barta¹, Petra Petz¹, Dóra Stefkó¹, Dragica Purger², László Bakacsy³, Judit Hohmann^{1,4}, Andrea Vasas^{1,4} Isolation and structure determination of compounds from <i>Juncus</i> species ¹ Institute of Pharmacognosy, University of Szeged, Eötvös u. 6, 6720 Szeged, Hungary, bartaanita96@gmail.com ; ² Department of Pharmacognosy, University of Pécs, Rókus u. 2, 7624 Pécs, Hungary; ³ Department of Plant Biology, University of Szeged, Közép fasor 52, 6726 Szeged, Hungary; ⁴ ELKH-USZ Biologically Active Natural Products Research Group, University of Szeged, Eötvös u. 6, 6720 Szeged, Hungary
11:10 – 11:30	Ricardo J. F. Ferreira¹, Francisca Lopes¹, Gábor Girst², Attila Hunyadi², Maria M. M. Santos¹ Hybrid molecules of tryptophan derivatives and protoflavones to tackle colon cancer ¹ Research Institute for Medicines (iMed.Ulisboa), Faculdade de Farmácia, Universidade de Lisboa, Lisboa, Portugal; ² Institute of Pharmacognosy, Interdisciplinary Excellence Centre, University of Szeged, Faculty of Pharmacy, Eötvös str. 6, H-6720, Szeged, Hungary
11:30 – 11:50	Zsuzsanna Csilla Dávid¹, András Juhász¹, Norbert Kúsz¹, Judit Hohmann^{1,2}, Andrea Vasas^{1,2}

	<p>Phytochemical investigation of a Hungarian sedge, <i>Carex morrowii</i></p> <p>¹ Institute of Pharmacognosy, University of Szeged, Eötvös u 6, 6720 Szeged, Hungary, ² ELKH-USZ Biologically Active Natural Products Research Group, University of Szeged, Eötvös u. 6, 6720 Szeged, Hungary</p>
11:50 – 12:10	<p>Tasneem Abu Ghazal,¹ Katalin Veres,¹ Judit Hohmann^{1,2}</p> <p>Isolation and evaluation of antimicrobial properties of non-volatile compounds from sweet marjoram</p> <p>¹ Institute of Pharmacognosy, University of Szeged, H-6720 Szeged, Hungary, abu.ghazal.tasneem.sultan@stud.u-szeged.hu; ² ELKH-USZ Biologically Active Natural Products Research Group, University of Szeged, H-6720 Szeged, Hungary</p>
12:10 – 12:30	<p>Sara H. H. Ahmed¹, Bizhar A. Tayeb², Tímea Gonda¹, Gábor Girst¹, Kornél Szőri¹, Róbert Berkecz³, István Zupkó², Renáta Minorics², Attila Hunyadi^{1,4}</p> <p>Thymoquinone-protoflavone hybrids: Studies into anticancer potentials</p> <p>¹Institute of Pharmacognosy, University of Szeged, H-6720 Szeged, Hungary; ² Institute of Pharmacodynamics and Biopharmacy, University of Szeged, H-6720 Szeged, Hungary; ³ Institute of Pharmaceutical Analysis, University of Szeged, 4, 6720 Szeged, Hungary; ⁴ Interdisciplinary Centre of Natural Products, University of Szeged, H-6720 Szeged, Hungary</p>
12:30 – 12:50	<p>Ákos Bajtel,¹ Péter Püski,¹ Tivadar Kiss,^{1,2} Dezső Csupor^{1,3}</p> <p>A new validated HPLC method for cannabidiol quantification in CBD-containing food supplements</p> <p>¹ Institute of Pharmacognosy, University of Szeged, H-6720 Szeged, Eötvös u 6., Hungary, akosbajtel@gmail.com; ² ELKH-USZ Biologically Active Natural Products Research Group, University of Szeged, H-6720 Szeged, Eötvös u 6, Hungary; ³ Institute of Clinical Pharmacy, University of Szeged, H-6725 Szeged, Szikra u 8., Hungary</p>
12:50 – 14:00	Lunch
14:30	<p>Social program</p> <p>Meeting point: in front of the Rectorate, University of Szeged 6720 Szeged, Dugonics tér 13.</p>

23th May Tuesday

10:00 – 10:20	<p>Tohfa Nasibova,^{1,2} Judit Hohmann,² István Zupkó,³ Attila Horváth,² Anita Barta,² Hiba Faroug Muddather³</p> <p>Chemical composition and antiproliferative properties of <i>Peganum harmala</i></p> <p>¹ Department of Pharmaceutical Toxicology and Chemistry, Azerbaijan Medical University, Anvar Gasimzade 14, AZ1022, Baku, Azerbaijan, tnesibova@amu.edu.az; ² Institute of Pharmacognosy, University of Szeged, Eötvös u. 6, H-6720 Szeged, Hungary; ³ Institute of Pharmacodynamics and Biopharmacy, University of Szeged, Eötvös u. 6, H-6720 Szeged, Hungary</p>
10:20 – 10:40	<p>Márton B. Háznagy,¹ Máté Vágvölgyi,¹ Sandhya R. Krishnan², Jürg Gertsch², Attila Hunyadi¹</p> <p>Antitrypanosomal activity of natural and semi-synthetic ecdysteroids</p> <p>¹ Institute of Pharmacognosy, Faculty of Pharmacy, University of Szeged, 6720, Eötvös utca 6. Szeged, Hungary; ² Institute of Biochemistry and Molecular Medicine, Faculty of Medicine, University of Bern, CH-3012 Bülhstrasse 28. Bern, Switzerland</p>
10:40 – 11:00	<p>Ching-Chia Chang^{1,2}, Judit Hohmann,² Fang-Rong Chang¹</p> <p>Bioactive components from <i>Epicoccum sorghinum</i></p> <p>¹ Graduate Institute of Natural Products, College of Pharmacy, Kaohsiung Medical University, Kaohsiung 807, Taiwan; ² Institute of Pharmacognosy, University of Szeged, Szeged, Hungary</p>

11:00 – 11:20	<p>Elizabeth A. Lopes¹, Margarida Espadinha¹, Joana D. Amaral¹, Rebecca Piccarducci², Elisa Zappelli², Simona Daniele², Claudia Martini², Mattia Mori³, Cecília M. P. Rodrigues¹, Daniel J. V. A. dos Santos⁴, Maria M. M. Santos¹</p> <p>Designing novel spiropyrazoline oxindoles to dual target p53-MDM2/X PPIs</p> <p>¹ Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa, Av. Prof Gama Pinto 1649-003, Lisbon, Portugal; ² Department of Pharmacy, University of Pisa, 56126, Pisa, Italy; ³ Department of Biotechnology, Chemistry, and Pharmacy, University of Siena, Via Aldo Moro 2, 53100 Siena, Italy; ⁴ CBIOS – Research Center for Biosciences & Health technologies, Universidade Lusófona de Humanidades e Tecnologias, Campo Grande 376, 1749–024 Lisboa, Portugal</p>
11:20 – 11:40	Coffee break
11:40 – 12:00	<p>Dyke Gita Wirasisya^{1,2}, Anita Barta¹, Gabriella Spengler³, Gordana Krstić⁴, I Gde Mertha⁵, Judit Hohmann^{1,6}</p> <p>Investigation of antimicrobial and antitumor properties of selected Euphorbiaceae species</p> <p>¹ Institute of Pharmacognosy, University of Szeged, Eötvös u. 6, 6720 Szeged, Hungary; ² Department of Pharmacy, University of Mataram, 83126 Mataram, Indonesia; ³ Department of Medical Microbiology, Albert Szent-Györgyi Health Center and Albert Szent-Györgyi Medical School, University of Szeged, Semmelweis utca 6, H-6725 Szeged, Hungary; ⁴ Faculty of Chemistry, University of Belgrade, Studentski trg 12-16, 11158 Belgrade, Serbia; ⁵ Department of Biology Education, University of Mataram, 83126 Mataram, Indonesia; ⁶ ELKH-USZ Biologically Active Natural Products Research Group, University of Szeged, H-6720 Szeged, Hungary</p>
12:00 – 12:20	<p>Gábor Girst¹, György T. Balogh^{2,3}, Attila Hunyadi¹</p> <p>Antioxidant and pharmacokinetic studies on new semi-synthetic nitrogen-containing diarylheptanoids derived from curcumin</p> <p>¹ Institute of Pharmacognosy, Interdisciplinary Excellence Centre, University of Szeged, Faculty of Pharmacy, Eötvös str. 6, H-6720, Szeged, Hungary; ² Institute of Pharmacodynamics and Biopharmacy, University of Szeged, Faculty of Pharmacy, Eötvös str. 6, H-6720, Szeged, Hungary; ³ Department of Chemical and Environmental Process Engineering, Budapest University of Technology and Economics, H-1111 Budapest, Hungary</p>
12:20 – 12:40	<p>Muhammad Bello Saidu, Anita Barta, Dóra Rédei</p> <p>Phytochemical investigations of <i>Euphorbia desmondii</i></p> <p>Institute of Pharmacognosy, University of Szeged, Eötvös u. 6, 6720 Szeged, Hungary</p>
12:40 – 13:00	<p>Péter Püski¹, Tímea Körmöczi², Róbert Berkecz², Ákos Bajtel¹, Tivadar Kiss^{1,3}</p> <p>New adulteration pattern of <i>Boswellia</i> extracts</p> <p>¹ Institute of Pharmacognosy, University of Szeged, H-6720 Szeged, Eötvös u 6., Hungary, peterpuski@gmail.com; ² University of Szeged, Institute of Pharmaceutical Analysis, H-6720 Szeged, Somogyi u. 4. Hungary; ³ ELKH-USZ Biologically Active Natural Products Research Group, University of Szeged, H-6720 Szeged, Eötvös u 6, Hungary</p>
14:30	<p>Social program</p> <p>Visiting Klebelsberg Library</p>
19:00	Conference dinner