

Research/art/teacher profile of a person

Name and surname doc. PharmDr. Silvia Bittner Fialová, PhD.
Document type: Research/art/teacher profile of a person
The name of the university Comenius University Bratislava
The seat of the university Šafárikovo námestie 6, 818 06 Bratislava

I. - Basic information

I.1 - Surname	Bittner Fialová
I.2 - Name	Silvia
I.3 - Degrees	doc. PharmDr., PhD.
I.4 - Year of birth	1981
I.5 - Name of the workplace	Department of Pharmacognosy and Botany
I.6 - Address of the workplace	Odbojárov 10, 832 32 Bratislava
I.7 - Position	associate professor - university teacher
I.8 - E-mail address	fialova@fpharm.uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/3705
I.10 - Name of the study field in which a person works at the university	Pharmacognosy
I.11 - ORCID iD	https://orcid.org/0000-0002-7964-8613

II. - Higher education and further qualification growth

II.1 - First degree of higher education

II.2 - Second degree of higher education

II.a - Name of the university or institution	Faculty of Pharmacy Comenius University in Bratislava
II.b - Year	2004
II.c - Study field and programme	Pharmacy

II.3 - Third degree of higher education

II.a - Name of the university or institution	Faculty of Pharmacy Comenius University in Bratislava
II.b - Year	2010
II.c - Study field and programme	Pharmacognosy

II.4 - Associate professor

II.a - Name of the university or institution	Faculty of Pharmacy Comenius University in Bratislava
II.b - Year	2021
II.c - Study field and programme	Pharmacognosy

II.5 - Professor

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
associate professor - university teacher	Faculty of Pharmacy Comenius University in Bratislava	1.7.2021 - present
assistant - university teacher	Faculty of Pharmacy Comenius University in Bratislava	1.9.2010 - 30.6.2021
PhD student	Faculty of Pharmacy Comenius University in Bratislava	1.9.2006 - 31.8.2010
pharmacist	Lekárň "Pharmacia", Modra (Slovakia)	1.6.2004 - 31.8.2007

IV. - Development of pedagogical, professional, language, digital and other skills

IV.a - Activity description, course name, other	IV.b - Name of the institution	IV.c - Year
certificate ECDL start	Slovak Informatics Society	2008
Training Challenge Based Education	Comenius University Bratislava, Enlight - university alliance	2025

V. - Overview of activities within the teaching career at the university

V.1 - Overview of the profile courses taught in the current academic year according to study programmes

V.1.a - Name of the profile course	V.1.b - Study programme	V.1.c - Degree	V.1.d - Field of study
Pharmacognosy 1 and 2	Pharmacy	II.	Pharmacy
Current Trends in Preparation of Natural Origin	Pharmacognosy	III. degree	Pharmacognosy

V.2 - Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year

V.2.a - Name of the study programme	V.2.b - Degree	V.2.c - Field of study
Pharmacognosy	III.	Pharmacognosy

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.b - Diploma (second degree)	5
V.4.c - Dissertation (third degree)	2

V.4.2 - Number of defended theses

V.4.b - Diploma (second degree)	38
V.4.c - Dissertation (third degree)	2

V.5 - Overview of other courses taught in the current academic year according to study programmes

V.5.a - Name of the course	V.5.b - Study programme	V.5.c - Degree	V.5.d - Field of study
Pharmacognosy	Pharmacy	I.+II.	Pharmacy
Current trends in preparations of natural origin	Pharmacy	I.+II.	Pharmacy

VI. - Overview of the research/artistic/other outputs

VI.1 - Overview of the research/artistic/other outputs and the corresponding citations

VI.1.1 - Number of the research/artistic/other outputs

VI.1.a - Overall	278
VI.1.b - Over the last six years	72

VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases

VI.1.a - Overall	48
VI.1.b - Over the last six years	20

VI.1.3 - Number of citations corresponding to the research/artistic/other outputs

VI.1.a - Overall	847
VI.1.b - Over the last six years	188

VI.1.4 - Number of citations registered in the Web of Science or Scopus databases

VI.1.a - Overall	782
VI.1.b - Over the last six years	144

VI.1.5 - Number of invited lectures at the international, national level

VI.1.a - Overall	6/4
VI.1.b - Over the last six years	3/2

VI.2 - The most significant research/artistic/other outputs

1	Slobodníková, Livia (Autor) [UKOLFMUI] (30%) - Bittner Fialová, Silvia (Korešpondenčný autor) [UKOFAFG] (30%) - Rendeková, Katarína (Autor) [Interný doktorand] [UKOFAFG] (30%) - Kováč, Ján (Autor) [UKOLFSK] (5%) - Mučaji, Pavel (Autor) [UKOFAFG] (5%): Antibiofilm activity of plant polyphenols. – Molecules – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 1420-3049. – Roč. 21, č. 12 (2016), art. no. 1717, s. [1-15] [online], IF: 2.861 - 2016; Kvartil Q: 2016, JIF - Chemistry, organic - Q2
2	Bittner Fialová, Silvia (Korešpondenčný autor) (14%) - Gančár, Miroslav (Autor) (25%) - Kurin, Elena (Autor) (14%) - Dokupilová, Svetlana (Autor) (8%) - Gažová, Zuzana (Korešpondenčný autor) (25%) - Nagy, Milan (Autor) (14%): Oregano polyphenols reduce human insulin amyloid aggregation. – Biomedicine & pharmacotherapy [textový dokument (print)] [elektronický dokument] . – Paríž (Francúzsko) : Elsevier. – ISSN 0753-3322. – ISSN (online) 1950-6007. – Roč. 184 (2025), art. no. 117904, s. [1-9] [tlačená forma] [online] DOI 10.1016/j.biopha.2025.117904; IF: 6,9 - 2023; AIS: 1.141 - 2023; Kvartil Q: Pharmacology & pharmacy - Q1
3	Bittner Fialová, Silvia (Korešpondenčný autor) [UKOFAFG] (20%) - Rendeková, Katarína (Autor) [UKOFAFG] (20%) - Mučaji, Pavel (Autor) [UKOFAFG] (20%) - Nagy, Milan (Autor) [UKOFAFG] (20%) - Slobodníková, Livia (Autor) [UKOLFMUI] (20%): Antibacterial activity of medicinal plants and their constituents in the context of skin and wound infections, considering European legislation and folk medicine - a review. – International journal of molecular sciences. – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 22, č. 19 (2021), s. [1-28] DOI 10.3390/ijms221910746; IF: 6,208 - 2021; AIS: 1.064 - 2021; Kvartil Q: Medicine (miscellaneous) - Q1
4	Bittner Fialová, Silvia (Korešpondenčný autor) (15%) - Kello, Martin (Autor) (12%) - Čoma, Matúš (Autor) (4%) - Slobodníková, Livia (Autor) (12%) - Drobná, Eva (Autor) (12%) - Holková, Ivana (Autor) (4%) - Garajová, Mária (Autor) (11%) - Mrva, Martin (Autor) (11%) - Zachar, Vlastimil (Autor) (4%) - Lukáč, Miloš (Korešpondenčný autor) (15%): Derivatization of Rosmarinic Acid Enhances its in vitro Antitumor, Antimicrobial and Antiprotozoal Properties –Molecules – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 1420-3049. – Roč. 24, č. 6 (2019), art. no. 1078, s. [1-11] [online], DOI 10.3390/molecules24061078; IF: 3.267 - 2019; Kvartil Q: Pharmaceutical science - Q1
5	Kurin, Elena (Korešpondenčný autor) [UKOFAFG] (20%) - Hajská, Marianna (Autor) [UKOLF4CHK] (10%) - Kostovčíková, Ema (Autor) [Interný doktorand] [UKOFAFG] (10%) - Dokupilová, Kamila (Autor) [Interný doktorand] [UKOFAFG] (10%) - Mučaji, Pavel (Autor) [UKOFAFG] (10%) - Nagy, Milan (Autor) [UKOFAFG] (10%) - Novotný, Branislav (Autor) (10%) - Bittner Fialová, Silvia (Autor) [UKOFAFG] (20%): Unveiling Synergistic Antioxidant Effects of Green Tea and Peppermint: Role of Polyphenol Interactions and Blend Preparation. – International journal of molecular sciences [textový dokument (print)] [elektronický dokument] . – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 26, č. 13 (2025), art. no. 6257 DOI 10.3390/ijms26136257; IF: 4,9 - 2023; AIS: 1.055 - 2023; Kvartil Q: Medicine (miscellaneous) - Q1

VI.3 - The most significant research/artistic/other outputs over the last six years

1	Bittner Fialová, Silvia (Korešpondenčný autor) [UKOFAFG] (20%) - Rendeková, Katarína (Autor) [UKOFAFG] (20%) - Mučaji, Pavel (Autor) [UKOFAFG] (20%) - Nagy, Milan (Autor) [UKOFAFG] (20%) - Slobodníková, Livia (Autor) [UKOLFMUI] (20%): Antibacterial activity of medicinal plants and their constituents in the context of skin and wound infections, considering European legislation and folk medicine - a review. – International journal of molecular sciences. – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 22, č. 19 (2021), s. [1-28] DOI 10.3390/ijms221910746; IF: 6,208 - 2021; AIS: 1.064 - 2021; Kvartil Q: Medicine (miscellaneous) - Q1
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2	Lukáč, Miloš (Autor) (15%) ; Slobodníková, Livia (Autor) (10%) ; Mrva, Martin (Autor) (10%) ; Dušeková, Aneta (Autor) (5%) ; Garajová, Mária (Autor) (5%) ; Kello, Martin (Autor) (10%) ; Šebová, Dominika (Autor) (5%) ; Pisárčik, Martin (Autor) (5%) ; Kojnok, Marián (Autor) (5%) ; Vrták, Andrej (Autor) (5%) ; Kurin, Elena (Autor) (10%) ; Bittner Fialová, Silvia (Korešpondenčný autor) (15%).Caffeic Acid Phosphonium Derivatives: Potential Selective Antitumor, Antimicrobial and Antiprotozoal Agents / DOI 10.3390/ijms25021200. – WOS CC ; CCC ; SCO ; SCIE In: <i>International journal of molecular sciences</i> [textový dokument (print)] [elektronický dokument] . – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 25, č. 2 (2024), art. no. 1200, s. [1-16] [online]
3	Bittner Fialová, Silvia (Korešpondenčný autor) (15%) - Kello, Martin (Autor) (12%) - Čoma, Matúš (Autor) (4%) - Slobodníková, Livia (Autor) (12%) - Drobná, Eva (Autor)(12%) - Holková, Ivana (Autor) (4%) - Garajová, Mária (Autor) (11%) - Mrva, Martin (Autor) (11%) - Zachar, Vlastimil (Autor) (4%) - Lukáč, Miloš (Korešpondenčný autor) (15%): Derivatization of Rosmarinic Acid Enhances its in vitro Antitumor, Antimicrobial and Antiprotozoal Properties –Molecules – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 1420-3049. – Roč. 24, č. 6 (2019), art. no. 1078, s. [1-11] [online], DOI 10.3390/molecules24061078; IF: 3.267 - 2019; Kvartil Q: Pharmaceutical science - Q1
4	Bittner Fialová, Silvia (Korešpondenčný autor) [UKOFAFG] (20%) - Rendecková, Katarína (Autor) [UKOFAFG] (20%) - Mučaji, Pavel (Autor) [UKOFAFG] (20%) - Nagy, Milan (Autor) [UKOFAFG] (20%) - Slobodníková, Livia (Autor) [UKOLFMIU] (20%): Antibacterial activity of medicinal plants and their constituents in the context of skin and wound infections, considering European legislation and folk medicine - a review. – International journal of molecular sciences. – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 22, č. 19 (2021), s. [1-28] DOI 10.3390/ijms221910746; IF: 6,208 - 2021; AIS: 1.064 - 2021; Kvartil Q: Medicine (miscellaneous) - Q1
5	Kurin, Elena (Korešpondenčný autor) [UKOFAFG] (20%) - Hajska, Marianna (Autor) [UKOLF4CHK] (10%) - Kostovčíková, Ema (Autor) [Interný doktorand] [UKOFAFG] (10%) - Dokupilová, Kamila (Autor) [Interný doktorand] [UKOFAFG] (10%) - Mučaji, Pavel (Autor) [UKOFAFG] (10%) - Nagy, Milan (Autor) [UKOFAFG] (10%) - Novotný, Branislav (Autor) (10%) - Bittner Fialová, Silvia (Autor) [UKOFAFG] (20%): Unveiling Synergistic Antioxidant Effects of Green Tea and Peppermint: Role of Polyphenol Interactions and Blend Preparation. – International journal of molecular sciences [textový dokument (print)] [elektronický dokument] . – Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 26, č. 13 (2025), art. no. 6257 DOI 10.3390/ijms26136257; IF: 4,9 - 2023; AIS: 1.055 - 2023; Kvartil Q: Medicine (miscellaneous) - Q1

VI.4 - The most significant citations corresponding to the research/artistic/other outputs

Slobodníková, Lívía - Bittner Fialová, Silvia - Rendeková, Katarína - Kováč, Ján - Mučaji, Pavel:
Antibiofilm activity of plant polyphenols - Molecules. - Vol. 21, No. 12 (2016), Art. No. 1717 [15 s.]. -
ISSN 1420-3049

Ohlasov: 231

2024 [01/20] / GBR - Fatih, Harem Jamal - Ashengroph, Morahem - Sharifi, Aram - Zorab, Musa Moetasam. Green-synthesized α -Fe₂O₃-nanoparticles as potent antibacterial, anti-biofilm and antivirulence agent against pathogenic bacteria [elektronický dokument]. DOI 10.1186/s12866-024-03699-2 In: BMC microbiology. Londýn: Springer Nature. BioMed Central, 2024, Roč. 24, č. 1, art. no. 535, s. [1- 13] [online]. ISSN (online) 1471-2180. - SCO ; WOS CC ; SCIE

2024 [01/20] / NLD - Lee, Jin Hyung - Kim, Yong Guy - Park, Inji - Lee, Jintae. Antifungal and antibiofilm activities of flavonoids against Candida albicans: Focus on 3,2'-dihydroxyflavone as a potential therapeutic agent [elektronický dokument]. DOI 10.1016/j.biofilm.2024.100218 In: Biofilm. [Amsterdam]: Elsevier, 2024, Roč. 8, art. no. 100218, s. [1-9] [online]. ISSN (online) 2590-2075. - SCO ; OA ; WOS CC ; ESCI

2024 [01/20] / GBR - Benny, Anjitha Theres - Thamim, Masthan - Srivastava, Prakhar - Suresh, Sindoor - Thirumoorthy, Krishnan - Rangasamy, Loganathan - Karthikeyan, S. - Easwaran, Nalini - Radhakrishnan, Ethiraj Kannatt. Synthesis and study of antibiofilm and antivirulence properties of flavonol analogues generated by palladium catalyzed ligand free Suzuki-Miyaura coupling against Pseudomonas aeruginosa PAO1 [elektronický dokument]. DOI 10.1039/d3ra08617h In: RSC advances. Cambridge: The Royal Society of Chemistry, 2024, Roč. 14, č. 18, s. 12278-12293 [online]. ISSN (online) 2046-2069. - SCO ; OA ; CCC ; WOS CC ; SCIE

2024 [01/20] / GBR - Pashizeh, Fatemeh - Mansouri, Afsoun - Bazzazan, Saina - Abdihaji, Mohammadreza - Khaleghian, Mohammad - Bazzazan, Saba - Rezei, Niloufar - Eskandari, Alireza - Mashayekhi, Farzaneh - Heydari, Maryam - Tavakkoli Yarak, Mohammad. Bioresponsive gingerol-loaded alginate-coated niosomal nanoparticles for targeting intracellular bacteria and cancer cells [elektronický dokument]. DOI 10.1016/j.ijbiomac.2023.128957 In: International Journal of Biological Macromolecules: Structure, Function and Interactions. Oxford: Elsevier, 2024, Roč. 258, č. Part 2, art. no. 128957, s. [1-15] [tlačená forma] [online]. ISSN 0141-8130. ISSN (online) 1879-0003. - SCO ; OA ; CCC ; WOS CC ; SCIE

2023 [01/20] / USA - Jiang, Qianer - Charoensiddhi, Suvimol - Xue, Xiaofeng - Sun, Biqi - Liu, Yang - ElSeedi, Hesham R. - Wang, Kai. A review on the gastrointestinal protective effects of tropical fruit polyphenols [elektronický dokument]. DOI 10.1080/10408398.2022.2145456 In: Critical reviews in food science and nutrition. Philadelphia: Taylor & Francis Group, 2023, Roč. 63, č. 24, s. 7197-7223 [tlačená forma] [online]. ISSN 1040-8398. ISSN (online) 1549-7852. - SCO ; CCC ; WOS CC ; SCIE

Bittner Fialová, Silvia; Rendeková, Katarína; Mučaji, Pavel; Nagy, Milan; Slobodníková, Livia. *Antibacterial activity of medicinal plants and their constituents in the context of skin and wound infections, considering European legislation and folk medicine—A review (2021)* *International Journal of Molecular Sciences*, 22 (19), art. no. 10746, Cited 70 times. DOI: 10.3390/ijms221910746
Ohlasov: 70

2025 [01/20] / NLD - Terzić, Jelena - Stanković, Marina - Stefanović, Olgica. Extracts of *Achillea millefolium* L. inhibited biofilms and biofilm-related virulence factors of pathogenic bacteria isolated from wounds [elektronický dokument]. DOI 10.1016/j.micpath.2024.107219 In: *Microbial Pathogenesis*. Amsterdam: Elsevier, 2025, č. 199, art. no. 107219, s. [1-10] [tlačená forma] [online]. ISSN 0882-4010. ISSN (online) 1096-1208. - SCO ; CCC ; WOS CC ; SCIE

2024 [01/20] / USA - Bie, Songtao - Mo, Qiuyue - Shi, Chen - Yuan, Hui - Li, Chunshuang - Wu, Tong - Li, Wenlong - Yu, Heshui. Interactions of plumbagin with five common antibiotics against *Staphylococcus aureus* in vitro [elektronický dokument]. DOI 10.1371/journal.pone.0297493 In: *PLoS One*. San Francisco: Public Library of Science, 2024, Roč. 19, č. 1, art. no. e0297493, s. [1-15] [online]. ISSN (online) 1932-6203. - SCO ; OA

2024 [01/20] / GBR - Ramsis, Triveena - Heba, Heba Mohammed - Elseedy, Howida - Fayed, Eman A. The role of current synthetic and possible plant and marine phytochemical compounds in the treatment of acne [elektronický dokument]. DOI 10.1039/d4ra03865g In: *RSC advances*. Cambridge: The Royal Society of Chemistry, 2024, Roč. 14, č. 33, s. 24287-24321 [online]. ISSN (online) 2046-2069. - SCO ; OA ; CCC ; WOS CC ; SCIE

2024 [01/20] / NLD - Zaidi, Kamal Uddin - Shah, Fatema - Khan, Firoz Naem. Potential Synergistic Effect of *F.carica* Against *P. aeruginosa* Intended for the Management of Nosocomial Infection [elektronický dokument]. DOI 10.2174/1574885518666230428153035 In: *Current Drug Therapy*. Soest: Bentham Science Publishers, 2024, Roč. 19, č. 1, s. 81-87 [tlačená forma] [online]. ISSN 1574-8855. ISSN (online) 1065-7630. - SCO ; WOS CC ; ESCI

2023 [01/20] / CHE - Zagórska-Dziok, Martyna - Ziemlewska, Aleksandra - Mokrzyńska, Agnieszka - Nizioł-Łukaszewska, Zofia - Sowa, Ireneusz - Szczepanek, Dariusz - Wójciak, Magdalena. Comparative Study of Cytotoxicity and Antioxidant, Anti-Aging and Antibacterial Properties of Unfermented and Fermented Extract of *Cornus mas* L. [elektronický dokument]. DOI 10.3390/ijms241713232 In: *International journal of molecular sciences*. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 24, č. 17, art. no. 13232, s. [1-23] [online] [tlačená forma]. ISSN 1661-6596. ISSN (online) 1422- 0067. - SCO ; CCC ; WOS CC

Šarić-Kundalić, Broza; Fialová, Silvia; Dobeš, Christoph; Ölzant, Silvester; Tekel'ová, Daniela; Grančai, Daniel; Reznicek, Gottfried; Saukel, Johannes. Multivariate numerical taxonomy of *Mentha* species, hybrids, varieties and cultivars (2009) *Scientia Pharmaceutica*, 77 (4), pp. 851 - 876, Cited 73 times. DOI: 10.3797/scipharm.0905-10

Ohlasov: 73

2023 [01/20] / GBR - Kaur, Barinder - Garcha, Karmvir Singh - Sandhu, Jagdeep Singh - Sharma, Madhu - Dhatt, Ajmer Singh. Interspecific hybridization for transfer of hull-less seed trait from *Cucurbita pepo* to *C. moschata* [elektronický dokument]. DOI 10.1038/s41598-023-29935-9 In: Scientific reports. Londýn: Springer Nature. Nature Publishing Group, 2023, Roč. 13, č. 1, art. no. 4627, s. [1-13] [online]. ISSN (online) 2045-2322. - SCO ; OA ; CCC ; WOS CC ; SCIE

2024 [01/20] / USA - Olofsson, Jill K. - Tyler, Torbjörn - Dunning, Luke T. - Hjertson, Mats - Rühling, Åke - Hansen, Anders J. Morphological and genetic evidence suggest gene flow among native and naturalized mint species [elektronický dokument]. DOI 10.1002/ajb2.16280 In: American Journal of Botany: Official Publication of the Botanical Society of America. St. Louis: Botanical Society of America, 2024, Roč. 111, č. 2, art. no. e16280, s. [1-14] [tlačená forma]. ISSN 0002-9122. ISSN (online) 1537-2197. - SCO ; OA ; CCC ; WOS CC ; SCIE

2023 [01/20] / CHE - Hubert, Charlotte - Tsiaparas, Saskia - Kahlert, Liane - Luhmer, Katharina - Moll, Marcel Dieter - Passon, Maike - Wüst, Matthias - Schieber, Andreas - Pude, Ralf. Effect of Different Postharvest Methods on Essential Oil Content and Composition of Three *Mentha* Genotypes [elektronický dokument]. DOI 10.3390/horticulturae9090960 In: Horticulturae. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 9, č. 9, art. no. 960, s. [1-14] [online]. ISSN (online) 2311-7524. - SCO ; OA ; CCC ; WOS CC ; SCIE

2022 [01/20] / CHE - Dang, J. - Lin, G. - Liu, L. - Zhou, P. - Shao, Y. - Dai, S. - Sang, M. - Jiang, Z. - Liu, C. - Wu, Q. Článok [elektronický dokument] In: Frontiers in Plant Science. Lausanne: Frontiers Media, 2022, Roč. 13, [online]. ISSN (online) 1664-462X. - SCO, s. art. no. 850130

2019 [01/12] / AUS - Hanafy, D.M. - Prenzler, P.D. - Hill, R.A. - Burrows, G.E. Článok [elektronický dokument] In: Australian Journal of Botany. Melbourne: Commonwealth Scientific And Industrial Research Organization, 2019, Roč. 67, č. 7, [tlačená forma] [online]. ISSN 0067-1924. ISSN (online) 1444- 9862. - SCO, s. 472

Kováč, Ján; Slobodníková, Livia; Trajčíková, Eva; Rendeková, Katarína; Mučaji, Pavel; Sychrová, Alice; Bittner Fialová, Silvia. *Therapeutic Potential of Flavonoids and Tannins in Management of Oral Infectious Diseases—A Review. (2023) Molecules, 28 (1), art. no. 158, Cited 52 times. DOI: 10.3390/molecules28010158*

Ohlasov: 52

2025 [01/20] / NLD - Drača, Nela - Aladić, Krunoslav - Banožić, Marija - Šubarić, Drago - Jokić, Stela - Nemet, Ivana. Chamomile waste: A comprehensive insight on phytochemical and safety profile, extraction techniques and potential application [elektronický dokument]. DOI 10.1016/j.bcab.2024.103468 In: Biocatalysis and Agricultural Biotechnology. Amsterdam: Elsevier, 2025, č. 63, art. no. 103468, s. [1-20] [online]. ISSN (online) 1878-8181. - SCO ; WOS CC ; ESCI

2024 [01/20] / CHE - Hickl, Joachim - Argyropoulou, Aikaterini - Al-Ahmad, Ali - Hellwig, Elmar - Skaltsounis, Alexios Leandros - Wittmer, Annette - Vach, Kirstin - Karygianni, Lamprini. Unleashing nature's defense: potent antimicrobial power of plant extracts against oral pathogens and Streptococcus mutans biofilms [elektronický dokument]. DOI 10.3389/froh.2024.1469174 In: Frontiers in oral health. Lausanne : Frontiers Media, 2024, Roč. 5, art. no. 1469174, s. [1-17] [online]. ISSN (online) 2673-4842. - SCO ; WOS CC ; ESCI

2024 [01/20] / SGP - Xiong, Xiangmei - Liu, Zheng - Che, Xiance - Zhang, Xuemin - Li, Xia - Gao, Wenyuan. Chemical composition, pharmacological activity and development strategies of Rubus chingii: A review. DOI 10.1016/j.chmed.2024.01.007 In: Chinese Herbal Medicines. Singapur: Elsevier, 2024, Roč. 16, č. 3, s. 313-326 [tlačená forma]. ISSN 1674-6384. - SCO ; OA ; WOS CC ; ESCI

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VI.5 - Participation in conducting (leading) the most important research projects or art projects over the last six years

- | | |
|---|--|
| 1 | VEGA 1/0284/20 (<i>The research of natural compounds with therapeutic potential in human medicine: the comprehensive analysis, biological effects and study of synergy</i>) - principal investigator |
| 2 | OEMONOM - Erasmus+ Programme of the European Union, Key Action 2: Strategic Partnerships, Project no. 2020-1-CZ01-KA203-078218 - scientific co-worker |
| 3 | VEGA 1/0290/16 (<i>Comprehensive analysis of natural products with therapeutic potential in human medicine</i>) – principal investigator |
| 4 | APVV-15-0123 (<i>Medically important amphizoic amoebae and new strategies for their elimination</i>) – scientific co-worker, principal investigator for Faculty of Pharmacy UC |
| 5 | APVV-19-0056 (<i>Parasitologically important amphizoic amoebae and new strategies for their elimination</i>) – scientific co-worker, principal investigator for Faculty of Pharmacy UC |

VIII. - Overview of international mobilities and visits oriented on education and research/artistic/other activities in the given field of study

VIII.a - Name of the institution	VIII.b - Address of the institution	VIII.c - Duration (indicate the duration of stay)	VIII.d - Mobility scheme, employment contract, other (describe)
Division of Pharmacognosy, University of Vienna	Althanstrasse 14 A-1090 Vienna, Austria	03/2008 – 05/2008	study and research stay abroad, ERASMUS scholarship
Division of Pharmacognosy, University of Vienna	Althanstrasse 14 A-1090 Vienna, Austria	01/2009 – 03/2009	study and research stay abroad, SAIA scholarship
Division of Pharmacognosy, University of Vienna	Althanstrasse 14 A-1090 Vienna, Austria	06/2009 – 07/2009	study and research stay abroad, own costs
University Gabriele D'Annunzio of Chieti and Pescara (Chieti, Talianko)	Via dei Vestini 31, 66013 Chieti Scalo, Talianko	6.11.2023 - 11. 11. 2023	Erasmus+ BIP STT
University Gabriele D'Annunzio of Chieti and Pescara (Chieti, Talianko)	Via dei Vestini 31, 66013 Chieti Scalo, Talianko	23.09.2024 - 27.09.2024	Erasmus+ BIP STT
University Gabriele D'Annunzio of Chieti and Pescara (Chieti, Talianko)	Via dei Vestini 31, 66013 Chieti Scalo, Talianko	22.09.2025 - 26.09.2025	Erasmus+ BIP STT

IX. - Other relevant facts

IX.a - If relevant, other activities related to higher education or research/artistic/other activities are mentioned

Co-guarantor of the Pharmacognosy department
Responsible person for the profile subject Pharmacognosy
Editor of the European Pharmaceutical Journal (pharmacognosy area)
Executive editor of the journal Liečivé rastliny (since 2010)
Guest Editor in the journal Molecules (2022)
Member of the editorial board of the journal Acta Botanica (since 2022)
Evaluation of domestic and foreign grant projects (VEGA 2014, NSC POLAND 2023, ANR FRANCE 2024, VEGA 2025, FAF UK grants) Evaluation of papers for domestic and foreign scientific and professional journals
Responsible person of the Microbiology Laboratory O-421 (UVZ decision)
Member of the Academic Senate of FAF UK (from 2010 to 2022)
Member of the departmental committee of the doctoral study in the Pharmacognosy study program
Member of the Accreditation Board of FaF UK (2022 – 2025)
Member of the Study Program Council for multiple study programs of FaF CU
Member of the examination committee of the state exam in the subjects Pharmacognosy, Pharmaceutical Chemistry, Pharmacology
Member of the professional working group - Ministry of Health of the Slovak Republic (2022) •Patient safety within the national project Creation of new and innovated standard clinical procedures and their introduction into medical practice. Co-author of professional infographics: Herbal medicine
•https://www.health.gov.sk/Zdroje?/Sources/dokumenty/SDTP/standardy/15-11-2023/Infografika_Rastlinny-liek.pdf
Lectures on natural medicines and medicinal plants for the University of the Third Age CU in Bratislava and for the professional and lay public

Date of last update

15.11.2025