

Vedecko/umelecko-pedagogická charakteristika osoby

Meno a priezvisko	doc. PharmDr. Silvia Bittner Fialová, PhD.
Typ dokumentu	Vedecko/umelecko-pedagogická charakteristika osoby
Názov vysokej školy	Univerzita Komenského v Bratislave
Sídlo vysokej školy	Šafárikovo námestie 6, 818 06 Bratislava

I. - Základné údaje

I.1 - Priezvisko	Bittner Fialová
I.2 - Meno	Silvia
I.3 - Tituly	doc. PharmDr. PhD.
I.4 - Rok narodenia	1981
I.5 - Názov pracoviska	Katedra farmakognózie a botaniky
I.6 - Adresa pracoviska	Odbojárov 10, 832 32 Bratislava
I.7 - Pracovné zaradenie	docent - vysokoškolský učiteľ
I.8 - E-mailová adresa	fialova@fpharm.uniba.sk
I.9 - Hyperlink na záznam osoby v Registri zamestnancov vysokých škôl	https://www.portalvs.sk/regzam/detail/3705
I.10 - Názov študijného odboru, v ktorom osoba pôsobí na vysokej škole	Farmakognózia
I.11 - ORCID iD	https://orcid.org/0000-0002-7964-8613

II. - Vysokoškolské vzdelanie a ďalší kvalifikačný rast

II.1 - Vysokoškolské vzdelanie prvého stupňa

II.2 - Vysokoškolské vzdelanie druhého stupňa

II.a - Názov vysokej školy alebo inštitúcie	Farmaceutická fakulta UK v Bratislave
II.b - Rok	2004
II.c - Odbor a program	Farmácia

II.3 - Vysokoškolské vzdelanie tretieho stupňa

II.a - Názov vysokej školy alebo inštitúcie	Farmaceutická fakulta UK v Bratislave
II.b - Rok	2010
II.c - Odbor a program	Farmakognózia

II.4 - Titul docent

II.a - Názov vysokej školy alebo inštitúcie	Farmaceutická fakulta UK v Bratislave
II.b - Rok	2021
II.c - Odbor a program	Farmakognózia

II.5 - Titul profesor

II.6 - Titul DrSc.

III. - Súčasná a predchádzajúca zamestnania

III.a - Zamestnanie-pracovné zaradenie	III.b - Inštitúcia	III.c - Časové vymedzenie
docent - vysokoškolský učiteľ	Farmaceutická fakulta UK v Bratislave	1.7.2021 - súčasnosť
odborný asistent - vysokoškolský učiteľ	Farmaceutická fakulta UK v Bratislave	1.9.2010 - 30.6.2021
interný doktorand	Farmaceutická fakulta UK v Bratislave	1.9.2006 - 31.8.2010
lekárnik	Lekáreň "Pharmacia", Modra (Slovensko)	1.6.2004 - 31.8.2007

IV. - Rozvoj pedagogických, odborných, jazykových, digitálnych a iných zručností

IV.a - Popis aktivity, názov kurzu (ak išlo o kurz), iné	IV.b - Názov inštitúcie	IV.c - Rok
certifikát ECDL štart	Slovenská informatická spoločnosť	2008

V. - Prehľad aktivít v rámci pedagogického pôsobenia na vysokej škole

V.1 - Prehľad zabezpečovaných profilových študijných predmetov v aktuálnom akademickom roku podľa študijných programov

V.1.a - Názov profilového predmetu	V.1.b - Študijný program	V.1.c - Stupeň	V.1.d - Študijný odbor
Farmakognózia 1 a 2	Farmácia	II.	Farmácia
Nové trendy v oblasti prírodných liečiv	Farmakognózia	III. stupeň	Farmakognózia

V.2 - Prehľad o zodpovednosti za uskutočňovanie, rozvoj a zabezpečenie kvality študijného programu alebo jeho časti na vysokej škole v aktuálnom akademickom roku

V.2.a - Názov študijného programu	V.2.b - Stupeň	V.2.c - Študijný odbor
Farmakognózia	III.	Farmakognózia

V.4 - Prehľad vedených záverečných prác

V.4.1 - Počet aktuálne vedených prác

V.4.b - Diplomové (druhý stupeň)	6
V.4.c - Dizertačné (tretí stupeň)	1

V.4.2 - Počet obhájených prác

V.4.b - Diplomové (druhý stupeň)	32
V.4.c - Dizertačné (tretí stupeň)	2

V.5 - Prehľad zabezpečovaných ostatných študijných predmetov podľa študijných programov v aktuálnom akademickom roku

V.5.a - Názov predmetu	V.5.b - Študijný program	V.5.c - Stupeň	V.5.d - Študijný odbor
Nové trendy v oblasti prírodných liečiv	Farmácia	II.	Farmácia

VI. - Prehľad výsledkov tvorivej činnosti

VI.1 - Prehľad výstupov tvorivej činnosti a ohlasov na výstupy tvorivej činnosti

VI.1.1 - Počet výstupov tvorivej činnosti

VI.1.a - Celkovo	259
VI.1.b - Za posledných šesť rokov	65

VI.1.2 - Počet výstupov tvorivej činnosti registrovaných v databázach Web of Science alebo Scopus

VI.1.a - Celkovo	42
VI.1.b - Za posledných šesť rokov	14

VI.1.3 - Počet ohlasov na výstupy tvorivej činnosti

VI.1.a - Celkovo	882
VI.1.b - Za posledných šesť rokov	185

VI.1.4 - Počet ohlasov registrovaných v databázach Web of Science alebo Scopus na výstupy tvorivej činnosti

VI.1.a - Celkovo	882
VI.1.b - Za posledných šesť rokov	185

VI.1.5 - Počet pozvaných prednášok na medzinárodnej a národnej úrovni

VI.1.a - Celkovo	6/4
VI.1.b - Za posledných šesť rokov	3/2

VI.2 - Najvýznamnejšie výstupy tvorivej činnosti

1	<i>Slobodníková, Livia (30%) - Bittner Fialová, Silvia [KAUT] (30%) - Rendeková, Katarína (30%) - Kováč, Ján (5%) - Mučaji, Pavel (5%): Antibiofilm activity of plant polyphenols. Molecules. - Vol. 21, No. 12 (2016), Art. No. 1717 [15 s.]</i>
2	<i>Šarić-Kundalić, Broza (20%) - Bittner Fialová, Silvia [KAUT] (20%) - Dobeš, Christoph (5%) - Ölzant, Silvester (5%) - Tekel'ová, Daniela (20%) - Grančai, Daniel (20%) - Reznicek, Gottfried (5%) - Saukel, Johannes (5%): Multivariate numerical taxonomy of Mentha species, hybrids, varieties and cultivars. Scientia Pharmaceutica. - Vol. 77, No. 4 (2009), s. 851-876.</i>
3	<i>Bittner Fialová, S., Rendeková, K., Mučaji, P., Nagy, M., Slobodníková, L. 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, 2021, 22(19), 10746 (21)</i>
4	<i>Bittner Fialová, Silvia [KAUT] (15%) - Kello, Martin (12%) - Čoma, Matúš (4%) - Slobodníková, Livia (12%) - Drobná, Eva [UKOFABM] (12%) - Holková, Ivana (4%) - Garajová, Mária (11%) - Mrva, Martin (11%) - Zachar, Vlastimil (4%) - Lukáč, Miloš [KAUT] (15%). Derivatization of Rosmarinic Acid Enhances its in vitro Antitumor, Antimicrobial and Antiprotozoal Properties. Molecules, Roč. 24, č. 6 (2019), s. [1-11], Art. No. 1078 [online].</i>
5	<i>Sychrová, A., Škovranová, G., Čulenová, M., Bittner Fialová, S.: Prenylated Flavonoids in Topical Infections and Wound Healing. Molecules, 2022, 27(14), 4491</i>

VI.3 - Najvýznamnejšie výstupy tvorivej činnosti za ostatných šesť rokov

1	<i>Bittner Fialová, S.; Rendeková, K.; Mučaji, P.; Nagy, M.; Slobodníková, L. Antibacterial Activity of Medicinal Plants and Their Constituents in the Context of Skin and Wound Infections, Considering European Legislation and Folk Medicine—A Review. Int. J. Mol. Sci. 2021, 22, 10746. https://doi.org/10.3390/ijms221910746</i>
2	<i>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]</i>
3	<i>Bittner Fialová, Silvia [KAUT] (15%) - Kello, Martin (12%) - Čoma, Matúš (4%) - Slobodníková, Livia (12%) - Drobná, Eva [UKOFABM] (12%) - Holková, Ivana (4%) - Garajová, Mária (11%) - Mrva, Martin (11%) - Zachar, Vlastimil (4%) - Lukáč, Miloš [KAUT] (15%). Derivatization of Rosmarinic Acid Enhances its in vitro Antitumor, Antimicrobial and Antiprotozoal Properties. Molecules, Roč. 24, č. 6 (2019), s. [1-11], Art. No. 1078 [online].</i>
4	<i>Lukáč, M., Slobodníková, L., Mrva, M., ...Kurin, E., Bittner Fialová, S.: Caffeic Acid Phosphonium Derivatives: Potential Selective Antitumor, Antimicrobial and Antiprotozoal Agents. International Journal of Molecular Sciences, 2024, 25(2), 1200</i>
5	<i>Bittner Fialová, Silvia (25%); Kurin, E.(25%); Trajčíková, E.(20%); Jánošová, L.(5%); Šušaničková, I. (5%); Tekel'ová, D.(5%); Nagy, M.(10%); Mučaji, P.(5%) Mentha Rhizomes as an Alternative Source of Natural Antioxidants. Molecules 2020, 25, 200. https://doi.org/10.3390/molecules25010200</i>

VI.4 - Najvýznamnejšie ohlasy na výstupy tvorivej činnosti

1	<i>Slobodníková, Livia [UKOLFMU] (30%) - Bittner Fialová, Silvia [KAUT] [UKOFAFG] (30%) -</i>
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Rendeková, Katarína [UKOFAFG] (30%) - Kováč, Ján [UKOLF] (5%) - Mučaji, Pavel [UKOFAFG] (5%):

Antibiofilm activity of plant polyphenols

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Agro-Food Waste: Harnessing the Potential Significance of Natural Biofilm Inhibitors

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Nawaz, T., Tajammal, A., Qurashi, A.W.

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Roese, K.H.C., Torlone, C., Cooper, L.A., Esposito, L., Deveau, A.M., Röse, U.S.R., Burkholder, K.M.

58746587000;57559774500;58746587100;58746587200;6505908432;7004085278;6507099857;

Pyrogallol impairs staphylococcal biofilm formation via induction of bacterial oxidative stress

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Andersone, A., Janceva, S., Lauberte, L., Skadins, I., Nikolajeva, V., Logviss, K., Zaharova, N., Rieksts, G., Telysheva, G.

25931989700;54681911400;57126159600;57118133400;6507401647;56394676800;57364234500;575780

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A comparative analysis of the proanthocyanidins from fruit and non-fruit trees and shrubs of Northern Europe: Chemical characteristics and biological activity

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58606581000;55613665000;57212674314;57197781105;57190341011;57201430564;58605602000;58605998100;58605602100;6506711192;

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Asraoui, F., El Mansouri, F., Cacciola, F., Brigui, J., Louajri, A., Simonetti, G.

57222081459;57222957654;35301659600;6505975896;6506863119;7102633599;

Biofilm Inhibition of *Inula viscosa* (L.) Aiton and *Globularia alypum* L. Extracts Against *Candida* Infectious Pathogens and In Vivo Action on *Galleria mellonella* Model

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Calvo, L.G., Castillo, A., Villarino, R.-A., Rama, J.L.R., Abril, A.G., de Miguel, T.

58512059600;57218580473;58513271800;58142956100;57205316142;6603360626;

Study of the Antibacterial Activity of Rich Polyphenolic Extracts Obtained from *Cytisus scoparius* against Foodborne Pathogens

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Moyo, A.A., Bhosale, S.R., Jagadhane, K.S., Shinde, S.B., Shimpale, V.B., Anbhule, P.V.

57973886900;57915410100;57272400500;57948663100;35574577100;9733024000;

Evaluation of antimicrobial, cytotoxicity effects and antioxidant potential of *Stemodia verticillata* (Mill.) Hassl extract

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Wu, H., Chen, X., Kong, L., Liu, P.

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Evolving biofilm inhibition and eradication in clinical settings through plant-based antibiofilm agents
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58551825500;34971596700;16417051400;58551158500;57205702250;58551714300;58551158600;8722123000;58551271900;26433306900;
Antibacterial Properties of Methanolic Leaf Extracts of Melia azedarach L. against Gram-Positive and Gram-Negative Pathogenic Bacteria
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VI.5 - Účasť na riešení (vedení) najvýznamnejších vedeckých projektov alebo umeleckých projektov za posledných šesť rokov

1	VEGA 1/0170/24 (Výskum rastlín s terapeutickým potenciálom v chirurgii, dermatológii a stomatológii: fytochemická analýza, biologické účinky a štúdium vzájomných interakcií ich obsahových látok) - zodpovedný riešiteľ - vedúci projektu
2	OEMONOM - Erasmus+ Programme of the European Union, Key Action 2: Strategic Partnerships, Project no. 2020-1-CZ01-KA203-078218 - spoluriešiteľ
3	VEGA 1/0284/20 (Výskum prírodných látok s terapeutickým potenciálom v humánnej medicíne: komplexná analýza, biologické účinky a štúdium synergie) - zodpovedný riešiteľ - vedúci projektu
4	VEGA 1/029/16 (Komplexná analýza látok prírodného pôvodu s terapeutickým potenciálom v humánnej medicíne) - zodpovedný riešiteľ - vedúci projektu
5	APVV-19-0056 (Parazitologicky významné amfizoické meňavky a nové stratégie ich eliminácie) – zástupca za FaF UK

VIII. - Prehľad zahraničných mobilit a pôsobenia so zameraním na vzdelávanie a tvorivú činnosť v študijnom odbore

VIII.a - Názov inštitúcie	VIII.b - Sídlo inštitúcie	VIII.c - Obdobie trvania pôsobenia/pobytu (uviesť dátum odkedy dokedy trval pobyt)	VIII.d - Mobilitná schéma, pracovný kontrakt, iné (popísať)
Division of Pharmacognosy, University of Vienna	Althanstrasse 14 A-1090 Vienna, Austria	03/2008 – 05/2008	zahraničný študijný-výskumný pobyt, štipendium ERASMUS
Division of Pharmacognosy, University of Vienna	Althanstrasse 14 A-1090 Vienna, Austria	01/2009 – 03/2009	zahraničný študijný-výskumný pobyt, štipendium SAIA
Division of Pharmacognosy, University of Vienna	Althanstrasse 14 A-1090 Vienna, Austria	06/2009 – 07/2009	zahraničný študijný-výskumný pobyt, vlastné náklady
University Gabriele D'Annunzio of Chieti and Pescara (Chieti, Taliansko)	Via dei Vestini 31, 66013 Chieti Scalo, Taliansko	6.11.2023 - 11. 11. 2023	Erasmus+ BIP STT

IX. - Iné relevantné skutočnosti

IX.a - Ak je to podstatné, uvádzajú sa iné aktivity súvisiace s vysokoškolským vzdelávaním alebo s tvorivou činnosťou	10313243 Spolugarantka odboru Farmakognózia Členka komisie pre štátne skúšky (Farmácia) Editorka časopisu European Pharmaceutical Journal Výkonná redaktorka časopisu Liečivé rastliny (od 2010) Guest Editor v časopise Molecules (MDPI) (2021 - 2023) Členka redakčnej rady časopisu Acta Botanica (od 2022) Posudzovanie prác do domácich a zahraničných vedeckých a odborných časopisov Členka Akademického senátu FAF UK (od 2010 do 2022) Členka odborovej komisie doktorandského štúdia v študijnom programe Farmakognózia Členka Akreditačnej rady FaF UK Členka skúšobnej komisie štátnej skúšky z predmetov Farmakognózia, Farmaceutická chémia, Farmakológia Prednášky o prírodných liečivách a liečivých rastlinách pre odbornú i laickú verejnosť Prednášky pre Univerzita tretieho veku UK v Bratislave fialova21026351-108SKIX.aAk je to podstatné, uvádzajú sa iné aktivity súvisiace s vysokoškolským vzdelávaním alebo s tvorivou činnosťou2NA
Dátum poslednej aktualizácie	1031324427.01.2025fialova21026351-109SKDátum poslednej aktualizácie5NA