

Research/art/teacher profile of a person

Name and surname	prof. MUDr. Martina Šutovská, 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
The name of the faculty	Jessenius Faculty of Medicine in Martin
The seat of the faculty	Malá Hora 10701/4A, 03601 Martin

I. - Basic information

I.1 - Surname	Šutovská
I.2 - Name	Martina
I.3 - Degrees	prof. MD. PhD.
I.4 - Year of birth	1971
I.5 - Name of the workplace	Department of Pharmacology, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
I.6 - Address of the workplace	Malá Hora 4C, 03601 Martin
I.7 - Position	professor
I.8 - E-mail address	martina.sutovska@uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/3588
I.10 - Name of the study field in which a person works at the university	pharmacy / general medicine
I.11 - ORCID iD	https://orcid.org/0000-0003-1826-0786

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	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
II.b - Year	1995
II.c - Study field and programme	general medicine, general medicine

II.3 - Third degree of higher education

II.a - Name of the university or institution	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
II.b - Year	2007
II.c - Study field and programme	pharmacy, pharmacology

II.4 - Associate professor

II.a - Name of the university or institution	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
II.b - Year	2013
II.c - Study field and programme	pharmacy, pharmacology

II.5 - Professor

II.a - Name of the university or institution	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
II.b - Year	2023
II.c - Study field and programme	pharmacy, pharmacology

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
scientific worker	Jessenius Faculty of Medicine CU in Martin	2000 - 2008
lecturer	Jessenius Faculty of Medicine CU in Martin	2009 - 2018
associate professor	Jessenius Faculty of Medicine CU in Martin	2019 - 2023
professor	Jessenius Faculty of Medicine CU in Martin	2023-

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
Pharmacology 1, 2	General Medicine	I.+II.	General Medicine
Pharmacology 1, 2	General Medicine	I.+II.	Dentistry, Dental Medicine
Clinical Pharmacology 1, 2	Clinical pharmacology	III.	General Medicine
Pharmacology 1, 2	Pharmacology	III.	Pharmacy

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.a - Bachelor's (first degree)	0
V.4.b - Diploma (second degree)	12
V.4.c - Dissertation (third degree)	2

V.4.2 - Number of defended theses

V.4.a - Bachelor's (first degree)	1
V.4.b - Diploma (second degree)	50
V.4.c - Dissertation (third degree)	3

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
Clinical Pharmacology	General Medicine	I.+II.	General Medicine
Pharmacology	Nursing	I.	Nursing
Pharmacology	Midwifery	I.	Midwifery
Pharmacology	Public Health	I.	Public Health

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	265
VI.1.b - Over the last six years	99

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

VI.1.a - Overall 61

VI.1.b - Over the last six years 30

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

VI.1.a - Overall 528

VI.1.b - Over the last six years 354

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

VI.1.a - Overall 470

VI.1.b - Over the last six years 349

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

VI.1.a - Overall 5

VI.1.b - Over the last six years 1

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

- 1 Šutovská, Martina - Nosálová, Gabriela - Šutovský, Juraj - Fraňová, Soňa - Prisenžňáková, Ľubica - Capek, Peter: Possible mechanisms of dose-dependent cough suppressive effect of *Althaea officinalis* rhamnogalacturonan in guinea pigs test system In: International Journal of Biological Macromolecules 2009; 45(1): 27-32 - ISSN 0141-8130; doi 10.1016/j.ijbiomac.2009.03.008 IF (JCR) 2009=2,366; Kvartil Q: scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2009; Ohlasy/Citations (37)
- 2 Halaj, Michal - Matulová, Mária - Šutovská, Martina* - Barboríková, Jana - Kazimierová, Ivana - Fraňová, Soňa - Přibyl, Pavel - Cepák, Vladislav - Lukavský, Jaromír - Capek, Peter: Chemico-physical and pharmacodynamic properties of extracellular *Dictyosphaerium chlorelloides* biopolymer In: Carbohydrate polymers 2018; 198: 215-224 - ISSN (print) 0144-8617 doi 10.1016/j.carbpol.2018.06.018 IF (JCR) 2018=6,044; Kvartil: wos-jcr -- Q1 [Chemistry, applied] - 2018; wos-jcr -- Q1 [Chemistry, organic] - 2018; scimago-sjr -- Q1 [Organic chemistry] - 2018; Ohlasy/Citations (6); *corresponding author
- 3 Šutovský, Juraj - Benčo, Martin - Šutovská, Martina* - Kocmálová, Michaela - Pappová, Lenka - Miklušica, Juraj - Fraňo, Andrej - Kurča, Egon: Cytokine and chemokine profile changes in patients with lower segment lumbar degenerative spondylolisthesis In: International Journal of Surgery 2017; 43:163-170. doi: 10.1016/j.ijisu.2017.06.024. IF (JCR) 2017=2,693; Kvartil Q1: scimago-sjr -- Q1 [Surgery] -- 2017, scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2018; Ohlasy/Citations (20); *corresponding author
- 4 Uhlířiková, Iveta - Šutovská, Martina* - Barboríková, Jana - Molitorisová, Miroslava - Kim, Hee Jin - Park, Yong Il - Matulová, Mária - Lukavský, Jaromír - Hromadková, Zdenka - Capek, Peter: Structural characteristics and biological effects of exopolysaccharide produced by cyanobacterium *Nostoc* sp. In: International Journal of Biological Macromolecules 2020; 160: 364-371 - ISSN (print) 0141-8130 doi 10.1016/j.ijbiomac.2020.05.135 IF (JCR) 2020=6,953; Kvartil: wos-jcr -- Q1 [Chemistry, applied] - 2020; wos-jcr -- Q1 [Polymer science] - 2020; wos-jcr -- Q1 [Biochemistry & molecular biology] -- 2020; scimago-sjr -- Q1 [Medicine (miscellaneous)]- 2020; Ohlasy/Citations (14); *corresponding author
- 5 Barboríková, Jana - Šutovská, Martina - Kazimierová, Ivana - Jošková, Marta - Fraňová, Soňa - Kopecký, Jiří - Capek, Peter. Extracellular polysaccharide produced by *Chlorella vulgaris* - Chemical characterization and anti-asthmatic profile. In: International Journal of Biological Macromolecules 2019; 135:1-11. doi: 10.1016/j.ijbiomac.2019.05.104 IF (JCR) 2019=5,162; Kvartil Q: scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2019; Ohlasy/Citations (39)

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

- 1 Capek, Peter - Matulová, Mária - Šutovská, Martina* - Barboríková, Jana - Molitorisová, Miroslava - Kazimierová, Ivana. *Chlorella vulgaris* alpha-L-arabino-alpha-L-rhamno-alpha,beta-D-galactan structure and mechanisms of its anti-inflammatory and anti-remodelling effects. In: International Journal of Biological Macromolecules 2020; 162:188-198. doi: 10.1016/j.ijbiomac.2020.06.151 - ISSN (print) 0141-8130 IF (JCR) 2020=6,953; Kvartil Q: wos-jcr -- Q1 [Biochemistry & molecular biology] -- 2020, scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2020; Ohlasy/Citations (9); *corresponding author

2	Barboríková, Jana - Šutovská, Martina - Kazimierová, Ivana - Jošková, Marta - Fraňová, Soňa - Kopecký, Jiří - Capek, Peter. Extracellular polysaccharide produced by <i>Chlorella vulgaris</i> - Chemical characterization and anti-asthmatic profile. In: <i>International Journal of Biological Macromolecules</i> 2019; 135:1-11. doi: 10.1016/j.ijbiomac.2019.05.104 IF (JCR) 2019=5,162; Kvartil Q: scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2019; Ohlasy/Citations (39)
3	Halaj, Michal - Matulová, Mária - Šutovská, Martina* - Barboríková, Jana - Kazimierová, Ivana - Fraňová, Soňa - Příbyl, Pavel - Cepák, Vladislav - Lukavský, Jaromír - Capek, Peter: Chemico-physical and pharmacodynamic properties of extracellular <i>Dictyosphaerium chlorelloides</i> biopolymer In: <i>Carbohydrate polymers</i> 2018; 198: 215-224 - ISSN (print) 0144-8617 doi 10.1016/j.carbpol.2018.06.018 IF (JCR) 2018=6,044; Kvartil: wos-jcr -- Q1 [Chemistry, applied] - 2018; wos-jcr -- Q1 [Chemistry, organic] - 2018; scimago-sjr -- Q1 [Organic chemistry] - 2018; Ohlasy/Citations (6); *corresponding author
4	Šutovský, Juraj - Benčo, Martin - Šutovská, Martina* - Kocmálová, Michaela - Pappová, Lenka - Miklušica, Juraj - Fraňo, Andrej - Kurča, Egon: Cytokine and chemokine profile changes in patients with lower segment lumbar degenerative spondylolisthesis In: <i>International Journal of Surgery</i> 2017; 43:163-170. doi: 10.1016/j.ijsu.2017.06.024. IF (JCR) 2017=2,693; Kvartil Q1: scimago-sjr -- Q1 [Surgery] -- 2017, scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2018; Ohlasy/Citations (20); *corresponding author
5	UHliaríková, Iveta - Šutovská, Martina* - Barboríková, Jana - Molitorisová, Miroslava - Kim, Hee Jin - Park, Yong Il - Matulová, Mária - Lukavský, Jaromír - Hromadková, Zdenka - Capek, Peter: Structural characteristics and biological effects of exopolysaccharide produced by cyanobacterium <i>Nostoc</i> sp. In: <i>International Journal of Biological Macromolecules</i> 2020; 160: 364-371 - ISSN (print) 0141-8130 doi 10.1016/j.ijbiomac.2020.05.135 IF (JCR) 2020=6,953; Kvartil: wos-jcr -- Q1 [Chemistry, applied] - 2020; wos-jcr -- Q1 [Polymer science] - 2020; wos-jcr -- Q1 [Biochemistry & molecular biology] -- 2020; scimago-sjr -- Q1 [Medicine (miscellaneous)]- 2020; Ohlasy/Citations (14); *corresponding author

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

1	Šutovská, Martina - Nosáľová, Gabriela - Fraňová, Soňa: The role of potassium ion channels in cough and other reflexes of the airways. In: <i>Journal of Physiology and Pharmacology</i> 2007; 58 Suppl 5(Pt 2):673-683. http://www.jpp.krakow.pl/journal/archive/11_07_s5/pdf/673_11_07_s5_article.pdf IF (JCR) 2007=4,466; Kvartil Q: scimago-sjr - Q2 [Medicine (miscellaneous)] - 2007; scimago-sjr - Q2 [Pharmacology] - 2007; Ohlasy/Citations (11) Cited in: [o1] 2014 Dicipinigaitis, P. V. - Morice, A. H. - Birring, S. S. - McGarvey, L. - Smith, J. A. - Canning, B. J. - Page, C. P.: <i>Pharmacological Reviews</i> , roč. 66, č. 2, 2014, s. 468-512 - SCI ; SCOPUS ; IF(JCR) 2014=17,099.
2	Šutovská, Martina - Kocmálová, Michaela - Fraňová, Soňa - Vakkalanka, Swaroop - Viswanadha, Srikant: Pharmacodynamic evaluation of RP3128, a novel and potent CRAC channel inhibitor in guinea pig models of allergic asthma. In: <i>European Journal of Pharmacology</i> 2016; 772:62-70. doi: 10.1016/j.ejphar.2015.12.047. IF (JCR) 2016 =3,145; Ohlasy/Citations (8); Cited in: [o1] 2016 Samanta, K. - Parekh, A. B.: <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , roč. 371, č. 1700, 2016, čl. č. 20150424 - SCI ; SCOPUS ; IF(JCR) 2016=5,846 a [o1] 2021 Bakowski, D. - Murray, F. - Parekh, A. B.: <i>Annual Review of Pharmacology and Toxicology</i> , roč. 61, 2021, s. 629-654 - SCOPUS ; IF(JCR) 2019=11,250
3	Barboríková, Jana - Šutovská, Martina - Kazimierová, Ivana - Jošková, Marta - Fraňová, Soňa - Kopecký, Jiří - Capek, Peter. Extracellular polysaccharide produced by <i>Chlorella vulgaris</i> - Chemical characterization and anti-asthmatic profile. In: <i>International Journal of Biological Macromolecules</i> 2019; 135:1-11. doi: 10.1016/j.ijbiomac.2019.05.104. IF (JCR) 2019=5,162; Kvartil Q: scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2019; Ohlasy/Citations (22) Cited in: [o1] 2021 Poulhazan, A., Dickwella Widanage, M.C., Muszyński, A., Arnold, A. A., Warschanski D. E., Azadi, P., Marcotte, I., Wang, T.: <i>Journal of the American Chemical Society</i> roč. 143(46), s. 19374-19388 - SCI, SCOPUS; IF(JCR): 15,4

4	Šutovská, Martina - Nosáľová, Gabriela - Šutovský, Juraj - Fraňová, Soňa - Prisenžňáková, Ľubica - Capek, Peter: Possible mechanisms of dose-dependent cough suppressive effect of <i>Althaea officinalis</i> rhamnogalacturonan in guinea pigs test system In: International Journal of Biological Macromolecules 2009; 45(1): 27-32 - ISSN 0141-8130; doi 10.1016/j.ijbiomac.2009.03.008 IF (JCR) 2009=2,366; Kvartil Q: scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2009; Cited in:[n1] 2023 zz ~ Zhang, S., Waterhouse, G.I.N., Xu, F., (...), Wu, P., Sun-Waterhouse, D. : Critical Reviews in Food Science and Nutrition 63(19), pp. 3386-3419, 2023 - SCI ; SCOPUS, IF(JCR): 11,208
5	Barboríková, Jana - Šutovská, Martina - Kazimierová, Ivana - Jošková, Marta - Fraňová, Soňa - Kopecký, Jiří - Capek, Peter. Extracellular polysaccharide produced by <i>Chlorella vulgaris</i> - Chemical characterization and anti-asthmatic profile. In: International Journal of Biological Macromolecules 2019; 135:1-11. doi: 10.1016/j.ijbiomac.2019.05.104. IF (JCR) 2019=5,162; Kvartil Q: scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2019; Ohlasy/Citations (22) Cited in: [n1] 2022 Goswami, R. K. - Mehariya, S. - Karthikeyan, O. P. - Gupta, V. K. - Verma, P.: Journal of Cleaner Production, č. 339, 2022, čl. č. 130654 - SCOPUS; IF(JCR): 9,279

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

1	APVV-19-0033:The role of Rho kinase pathway in pathomechanism of allergic airway inflammation and the possibilities of its pharmacological modulation (the member of team) 2020-2024
2	VEGA 1/0314/21:The role of RhoA/Rho-kinase pathway in pathomechanism of allergic airway inflammation and the possibilities of their pharmacological modulation (the deputy of principal investigator) 2021-2023
3	VEGA 1/0253/19:The modulation of experimentally-induced allergic asthma symptoms and airway remodeling by drugs influencing ion channels activity. (principal investigator) 2019/2022
4	VEGA 1/0160/17:The pharmacological effect of flavonol derivatives on airway defense mechanisms, inflammation and remodelling in the condition of experimentally induced allergic asthma (the deputy of principal investigator) 2017-2020
5	VEGA 1/0072/23: Imunobiochemické a genetické vlastnosti svetlobunkového karcinómu obličky a ich potenciálne využitie v jeho diagnostike a liečbe (zodpovedný riešiteľ) 2023-2026/Immunobiochemical and genetic characteristics of clear cell renal cell carcinoma and their potential application in diagnostics and therapy. (principal investigator) 2023/2026

VII. - Overview of organizational experience related to higher education and research/artistic/other activities

VII.a - Activity, position	VII.b - Name of the institution, board	VII.c - Duration
Chair of the supervisory board	Slovak Pharmacological Society SMS	2008-
Member of the editorial board	Frontiers in Pediatrics	2011-
Member of the editorial board	BMC Complementary and Alternative Medicine	2013 -

IX. - Other relevant facts