

Research/art/teacher profile of a person

Name and surname	prof. MUDr. Štefan Sivák, 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	Sivák
I.2 - Name	Štefan
I.3 - Degrees	prof., MD, PhD.
I.4 - Year of birth	1978
I.5 - Name of the workplace	Clinic of Neurology, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
I.6 - Address of the workplace	Kollárova 2, 03659 Martin, Slovakia
I.7 - Position	Professor
I.8 - E-mail address	sivak2@uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/3628
I.10 - Name of the study field in which a person works at the university	Neurology, Anesthesiology and resuscitation
I.11 - ORCID iD	https://orcid.org/0000-0002-0348-3082

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	2002
II.c - Study field and programme	General medicine and Neurology

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	2006
II.c - Study field and programme	Neurology

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	2016
II.c - Study field and programme	Neurology

II.5 - Professor

II.a - Name of the university or institution	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava, Slovakia
II.b - Year	2024
II.c - Study field and programme	Neurology

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
resident physician	Clinic of Neurology, University hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava	2002-2009
licensed neurologist	Clinic of Neurology, University hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava	2009-present
lecturer	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava	2007-2016
Associate Professor	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava	2016-present
emergency medical service physician	Falck záchranná a.s.	2010-2019
forensic expert in the field of Healthcare and Pharmacy, Neurology specialty	Ministry of Justice, Slovak Republic	2018-present
Professor	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava, Slovakia	2022 - present

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
Specialty training in neurology	Slovak Medical University in Bratislava, Slovakia	2009
fMRI Visiting Fellowship Program	MGH/MIT/HMS Martinos Center for Biomedical Imaging, Boston, Massachusetts, USA	2014
Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI	MGH/MIT/HMS Martinos Center for Biomedical Imaging, Boston, Massachusetts, USA	2015

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
anesthesiology and resuscitation 1	anesthesiology and resuscitation	III.	General medicine
anesthesiology and resuscitation 2	anesthesiology and resuscitation	III.	Nursing

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
Anesthesiology and resuscitation	III.	General medicine

V.3 - Overview of the responsibility for the development and quality of the field of habilitation procedure and inaugural procedure in the current academic year

V.3.a - Name of the field of habilitation procedure and inaugural procedure	V.3.b - Study field to which it is assigned
neurology	General medicine

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)	1
V.4.c - Dissertation (third degree)	2

V.4.2 - Number of defended theses

V.4.a - Bachelor's (first degree)	0
V.4.b - Diploma (second degree)	27
V.4.c - Dissertation (third degree)	1

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
Diploma thesis seminar 1,2,3	General medicine	I.+II.	General medicine

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	171
VI.1.b - Over the last six years	58

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

VI.1.a - Overall	39
VI.1.b - Over the last six years	23

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

VI.1.a - Overall	500
VI.1.b - Over the last six years	220

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

VI.1.a - Overall	406
VI.1.b - Over the last six years	240

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

VI.1.a - Overall	0
VI.1.b - Over the last six years	0

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

1	Kurča, Egon - Sivák, Štefan - Kučera, Pavol: Impaired cognitive functions in mild traumatic brain injury patients with normal and pathologic magnetic resonance imaging In: <i>Neuroradiology</i> . - Vol. 48, No. 9 (2006), s. 661-669. - ISSN 0028-3940 IF (JCR) 2006=1,625; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging] -- 2006; Ohlasy/Citations (96)
2	Sivák, Štefan - Bittšanský, Michal - Kurča, Egon - Turčanová Koprušáková, Monika - Grofik, Milan - Nosál, Vladimír - Poláček, Hubert - Dobrota, Dušan: Proton magnetic resonance spectroscopy in patients with early stages of amyotrophic lateral sclerosis = Magnetic resonance spectroscopy early stages of amyotrophic lateral sclerosis In: <i>Neuroradiology</i> . - Roč. 52, č. 12 (2010), s. 1079-1085. - ISSN 0028-3940, IF (JCR) 2010=2,870; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging; Neurology] -- 2010; Ohlasy/Citations (34)
3	Sivák, Štefan - Bittšanský, Michal - Grossmann, Ján - Nosál, Vladimír - Kantorová, Ema - Siváková, Jana - Demková, A. - Hnilicová, Petra - Dobrota, Dušan - Kurča, Egon: Clinical correlations of proton magnetic resonance spectroscopy findings in acute phase after mild traumatic brain injury In: <i>Brain Injury</i> . - Roč. 28, č. 3 (2014), s. 341-346. - ISSN 0269-9052; IF (JCR) 2014=1,808; Kvartil Q: scimago-sjr -- Q2 [Neurology (clinical)] -- 2010; Ohlasy/Citations (23)
4	Sivák, Štefan - Kurča, Egon - Hladká, Mária - Zeleňák, Kamil - Turčanová Koprušáková, Monika - Michalík, Jozef: Early and delayed auditory oddball ERPs and brain MRI in patients with MTBI, In: <i>Brain Injury</i> . - Roč. 22, č. 2 (2008), s. 193-197. - ISSN 0269-9052; IF (JCR) 2008=1,116; Kvartil Q: scimago-sjr -- Q2 [Neurology (clinical)] -- 2008; Ohlasy/Citations (18)
5	Čierny, Daniel - Michalík, Jozef - Škereňová, Mária - Kantorová, Ema - Sivák, Štefan - Javor, Juraj - Kurča, Egon - Dobrota, Dušan - Lehotský, Ján: Apal, Bsm1 and Taql VDR gene polymorphisms in association with multiple sclerosis in Slovaks In: <i>Neurological Research</i> . - Roč. 38, č. 8 (2016), s. 678-684. - ISSN 0161-6412 URL: http://www.tandfonline.com/doi/full/10.1080/01616412.2016.1200287 ; IF (JCR) 2016=1,376; Kvartil Q: scimago-sjr -- Q2 [Neurology (clinical)] -- 2016; Ohlasy/Citations (19)

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

1	Ruzinak Robert - Bittsanky Michal - Martinikova Martina - Nosal Vladimir - Kantorova Ema - Ballova Jana - Turcanova Koprusakova Monika - Hnilicova Petra - Grendar Marian - Dusenka Robert - Kolarovszki Branislav - Zelenak Kamil - Kurca Egon - Sivak Stefan . Proton magnetic resonance spectroscopy changes in the brainstem in patients after mild traumatic brain injury with loss of consciousness. <i>Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub</i> . 2022 Mar;166(1):84-90 - ISSN 1213-8118 IF (JCR) 2022=0,9; Kvartil Q: scimago-sjr -- Q3 [Medicine (miscellaneous)] -- 2022; Ohlasy/Citations (2)
2	Kantorová, Ema - Poláček, Hubert - Bittšanský, Michal - Baranovičová, Eva - Hnilicová, Petra - Čierny, Daniel - Sivák, Štefan - Nosál, Vladimír - Zeleňák, Kamil - Kurča, Egon: Hypothalamic damage in multiple sclerosis correlates with disease activity, disability, depression, and fatigue In: <i>Neurological Research</i> . - Roč. 39, č. 4 (2017), s. 323-330. - ISSN 0161-6412; IF (JCR) 2017=1,449; Kvartil Q: scimago-sjr -- Q3 [Neurology (clinical)] -- 2017; Ohlasy/Citations (24)
3	Grofik, Milan - Sivák, Štefan - Nosál, Vladimír - Turčanová Koprušáková, Monika - Michalík, Jozef - Čierny, Daniel - Tatarková, Zuzana - Kurča, Egon : The influence of levodopa, entacapone and homocysteine on prevalence of polyneuropathy in patients with Parkinson's disease In: <i>Journal of the Neurological Sciences</i> - č. 392 (2018), s. 28-31 [print]. - ISSN (print) 0022-510X, URL: https://www.sciencedirect.com/science/article/pii/S0022510X18302624 ; IF (JCR) 2018=2,651; Kvartil Q: scimago-sjr -- Q2 [Neurology (clinical)] -- 2018; Ohlasy/Citations (2)

4	Kurčová, Sandra - Bardou, Jan - Vastik, Miroslav - Vacerková, Marketa - Frolova, Monika - Hvizdošová, Lenka - Nevrlý, Martin - Menšíková, Kateřina - Otruba, Pavel - Kurča, Egon - Krahulík, David - Sivák, Štefan - Zapletalová, Jana - Kaňovský, Petr: Bilateral subthalamic deep brain stimulation initial impact on nonmotor and motor symptoms in Parkinson's disease: an open prospective single institution study In: <i>Medicine</i> [elektronický dokument]. - Roč. 97, č. 5 (2018), s. [1-5], art. no. e9750 [print]. - ISSN (print) 0025-7974, URL: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5805432/pdf/medi-97-e9750.pdf ; IF (JCR) 2018=1,870; Kvartil Q: scimago-sjr -- Q2 [Medicine (miscellaneous)] -- 2018; Ohlasy/Citations (9)
5	Hnilicová, Petra - Kantorová, Ema - Poláček, Hubert - Grendár, Marián - Bittšanský, Michal - Čierny, Daniel - Sivák, Štefan - Zeleňák, Kamil - Lehotský, Ján - Dobrota, Dušan - Kurča, Egon: Altered hypothalamic metabolism in early multiple sclerosis - MR spectroscopy study. In: <i>Journal of the Neurological Sciences</i> č. 407 (2019), s. [1-9], art. no. 116458 [print]. - ISSN (print) 0022-510X, URL: https://www.sciencedirect.com/science/article/pii/S0022510X19303909 ; IF (JCR) 2019=3,115; Kvartil Q: scimago-sjr -- Q2 [Neurology (clinical)] -- 2019; Ohlasy/Citations (4)

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

1	Kurča, Egon - Sivák, Štefan - Kučera, Pavol: Impaired cognitive functions in mild traumatic brain injury patients with normal and pathologic magnetic resonance imaging In: <i>Neuroradiology</i> . - Vol. 48, No. 9 (2006), s. 661-669. - ISSN 0028-3940 IF (JCR) 2006=1,625; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging] -- 2006; Ohlasy/Citations (96) Cited in: [o1] 2010 Vagnozzi, R. - Signoretti, S. - Cristofori, L. - Alessandrini, F. - Floris, R. - Isgro, E. - Ria, A. - Marziale, S. - Zoccatelli, G. - Tavazzi, B. - Del Bolgia, F. - Sorge, R. - Broglio, S.P. - McIntosh, T.K. - Lazzarino, G.: Brain , vol. 133, Part 11, 2010, s. 3232-3242
2	Kurča, Egon - Sivák, Štefan - Kučera, Pavol: Impaired cognitive functions in mild traumatic brain injury patients with normal and pathologic magnetic resonance imaging In: <i>Neuroradiology</i> . - Vol. 48, No. 9 (2006), s. 661-669. - ISSN 0028-3940 IF (JCR) 2006=1,625; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging] -- 2006; Ohlasy/Citations (96) Cited in: [o1] 2007 Metting, Z. - Rödiger, L. A. - De Keyser, J. - van der Naalt, J.: Structural and functional ... In: Lancet Neurology , vol. 6, no. 8, 2007, s. 699-710
3	Kurča, Egon - Sivák, Štefan - Kučera, Pavol: Impaired cognitive functions in mild traumatic brain injury patients with normal and pathologic magnetic resonance imaging In: <i>Neuroradiology</i> . - Vol. 48, No. 9 (2006), s. 661-669. - ISSN 0028-3940 IF (JCR) 2006=1,625; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging] -- 2006; Ohlasy/Citations (96) Cited in: [o1] 2019 Ashina, H. - Porreca, F. - Anderson, T. - Amin, F. M. - Ashina, M. - Schytz, H. W. - Dodick, D. W.: Nature Reviews Neurology , roč. 15, č. 10, 2019, s. 667-677
4	Sivák, Štefan - Bittšanský, Michal - Kurča, Egon - Turčanová Koprušáková, Monika - Grofik, Milan - Nosál, Vladimír - Poláček, Hubert - Dobrota, Dušan: Proton magnetic resonance spectroscopy in patients with early stages of amyotrophic lateral sclerosis = Magnetic resonance spectroscopy early stages of amyotrophic lateral sclerosis In: <i>Neuroradiology</i> . - Roč. 52, č. 12 (2010), s. 1079-1085. - ISSN 0028-3940, IF (JCR) 2010=2,870; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging; Neurology] -- 2010; Ohlasy/Citations (34) Cited in: [o1] 2013 Foerster, B. R. - Welsh, R. C. - Feldman, E. L.: Nature Reviews Neurology , roč. 9, č. 9, 2013, s. 513-524
5	Sivák, Štefan - Bittšanský, Michal - Kurča, Egon - Turčanová Koprušáková, Monika - Grofik, Milan - Nosál, Vladimír - Poláček, Hubert - Dobrota, Dušan: Proton magnetic resonance spectroscopy in patients with early stages of amyotrophic lateral sclerosis = Magnetic resonance spectroscopy early stages of amyotrophic lateral sclerosis In: <i>Neuroradiology</i> . - Roč. 52, č. 12 (2010), s. 1079-1085. - ISSN 0028-3940, IF (JCR) 2010=2,870; Kvartil Q: scimago-sjr -- Q1 [Radiology, Nuclear Medicine and Imaging; Neurology] -- 2010; Ohlasy/Citations (34) Cited in: [o1] 2014 Van Laere, K. - Vanhee, A. - Verschueren, J. - Coster, L. D. - Driesen, A. - Dupont, P. - Robberecht, W. - Damme, P. V.: JAMA Neurology , roč. 71, č. 5, 2014, s. 553-561

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

1	APVV-14-0088 „Multiparametrické mapovanie mozgu pomocou magnetickej rezonancie pri vybraných neurologických ochoreniach.“ (riešiteľ) 2015-2019/ APVV-14-0088 "Multiparametric brain mapping in selected neurological disorder using magnetic resonance" (investigator) 2015-2019
2	APVV-0224-12 „Modulácia a detekcia vnútornej apoptotickej dráhy nádorových buniek za účelom zvrátenia chemorezistencie.“ (riešiteľ) 2013-2017/ APVV 0224-12 " Modulation and detection of the internal apoptotic pathway of tumor cells in order to reverse chemoresistance" (investigator) 2013-2017
3	VEGA 1/0287/16 „Korelácie MR volumetrie corpus callosum a MR spektroskopie podkôrových šedých hmôt s elektrofyziologickými meraniami a vybranými laboratórnymi markermi u pacientov vo včasných štádiách roztrúsenej sklerózy, s cieľom vyhľadávať vysoko aktívne formy ochorenia.“ (riešiteľ) 2016-2018/ VEGA 1/0287/16 "Correlations of MR volumetry of corpus callosum and MR spectroscopy of subcortical gray matter with electrophysiological measurements and selected laboratory markers in patients in the early stages of multiple sclerosis, in order to search for highly active forms of the disease. (investigator) 2016-2018
4	VEGA 1/0301/19 „Hodnotenie kognitívnych porúch pri sclerosis multiplex a ich vzťah ku genetickým a rádiologickým markerom ochorenia.“ (riešiteľ) 2019-2022 / VEGA 1/0301/19 "Evaluation of cognitive impairment in multiple sclerosis and its relation to the genetic and radiological markers of the disease." (investigator (2019-2022)
5	VEGA 1/0081/20 „Monitoring účinnosti antiagregačnej a antikoagulačnej liečby.“ (riešiteľ) 2020-2023/ VEGA 1/0081/20 "Monitoring the effectiveness of antiplatelet and anticoagulant treatment" (investigator) 2020-2023

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
Member of the editorial board	Neurológia pre prax - journal	2015-present
Member of the editorial board	Česká a slovenská neurologie a neurochirurgie - journal	2021-present
Member of the Academic Senate	Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava	2017-present
Member of the Scientific panel Neurotraumatology	European Academy of Neurology	2015-present
Member of the Scientific panel Neuro-ophthalmology and -otology	European Academy of Neurology	2015-present

IX. - Other relevant facts

Date of last update	16.04.2024
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