Research/art/teacher profile of a person

Name and surname	prof. MUDr. Ján Jakuš, DrSc.
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	Jakuš
I.2 - Name	Ján
I.3 - Degrees	Prof., MD., PhD., DSc.
I.4 - Year of birth	1954
I.5 - Name of the workplace	Department of Medical Biophysics
I.6 - Address of the workplace	Jessenius Faculty of Medicine in Martin, COMENIUS UNIVERSITY BRATISLAVA, Malá Hora 4, 036 01 Martin
I.7 - Position	professor / head of department
I.8 - E-mail address	jan.jakus@uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/3571
I.10 - Name of the study field in which a person works at the university	medical biophysics
I.11 - ORCID iD	0000-0002-7122-0639

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
II.b - Year	1978
II.c - Study field and programme	general medicine

II.3 - Third degree of higher education

II.a - Name of the university or institution	Comenius University Bratislava
II.b - Year	1983
II.c - Study field and programme	Normal and pathological physiology

II.4 - Associate professor

II.a - Name of the university or institution	Comenius University Bratislava
II.b - Year	1990
II.c - Study field and programme	Normal and pathological physiology

II.5 - Professor

II.a - Name of the university or institution	Charles University in Prague Czech republic
II.b - Year	2001
II.c - Study field and programme	Pathophysiology

II.6 - Doctor of Science (DrSc.)

II.a - Name of the university or institution	Slovak Academy of Sciences Bratislava
II.b - Year	1997
II.c - Study field and programme	Dr. medical sciences

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
professor	Jess. Fac. of Med. in Martin	1997-continue
Associate Professor	Jess. Fac. of Med. in Martin	1990-1997
professional assistant	Jess. Fac. of Med. in Martin	1983-1990
PhD study	Jess. Fac. of Med. in Martin	1979-1983
Sudy of general medicine	JLF UK in Martin	1972 - 1978

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
Pc course	Jess. Fac. of Med. in Martin	2008
Language course	Martin Academy of Education	2008
neurophysiological methods and procedures	Rockefeller University New York	1992
neurophysiological research	Polan Academy of Sciences Warshaw and Bogomolec Institute of Science in Kyjev	1983 and 1986

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
Biophysics and radiology Jess. Fac. of Med. in Martin	Public Health	I.	Public Health
Biophysics and radiology Jess. Fac. of Med. in Martin	Nursing	I.	Nursing
Branch: General medicine	Medical biophysick	Assoc. Prof., Full Prof.	Medical biophysick
Medical Biophysics Jess. Fac. of Med. in Martin	Dentistry	I.+II.	Dentistry
Medical Biophysics Jess. Fac. of Med. in Martin	General Medicine	I.+II.	General Medicine
Medical Biophysics for foreign students, Jess. Fac. of Med. in Martin	General Medicine	I.+II.	General Medicine
Medical Biophysics 1 - Jess. Fac. of Med. in Martin	Medical Biophysics	III.	General Medicine
Medical Biophysics 2 - Jess. Fac. of Med. in Martin	Medical Biophysics	III.	General Medicine

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
Guarantor - Medical Biophysics, Jess. Fac. of Med. in Martin	I.+II.	General Medicine
Guarantor - Medical Biophysics for foreign students, Jess. Fac. of Med. in Martin	I.+II.	General Medicine
Guarantor - Medical Biophysics for Dentistry, Jess. Fac. of Med. in Martin	I.+II.	Dentistry, Dental Medicine
Guarantor - Medical Biophysics for nursing, Jess. Fac. of Med. in Martin	I.	Nursing
Guarantor - Medical Biophysics for midwifery, Jess. Fac. of Med. in Martin	I.	Midwifery
Guarantor - Medical Biophysics for public health, Jess. Fac. of Med. in Martin	I.	Public Health
Guarantor - Medical Biophysics, Jess. Fac. of Med. in Martin	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
Guarantor - Medical Biophysics , Jess. Fac. of Med. in Martin	General Medicine
Medical Biophysics	respiratory and environmental biophysics
Medical Biophysics	general medicine
medical biophysics	General medicine
medical biophysics	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)	4
V.4.c - Dissertation (third degree)	2

V.4.2 - Number of defended theses

V.4.a - Bachelor's (first degree)	25
V.4.b - Diploma (second degree)	15
V.4.c - Dissertation (third degree)	12

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	345
VI.1.b - Over the last six years	69

VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases	
VI.1.a - Overall	52
VI.1.b - Over the last six years	16
VI.1.3 - Number of citations corresponding to the research/artistic/other outputs	
VI.1.a - Overall	905
VI.1.b - Over the last six years	230
VI.1.4 - Number of citations registered in the Web of Science or Scopus databases	
VI.1.a - Overall	765
VI.1.b - Over the last six years	194
VI.1.5 - Number of invited lectures at the international, national level	
VI.1.a - Overall	167
VI.1.b - Over the last six years	35

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

1	Jakuš, J. - Tomori, Z. - Stránsky, A. Neuronal determinants of breathing, coughing and related motor behaviours : basics of nervous control and reflex mechanisms. - 1. vyd. - Martin : Wist, 2004. - 335 s. ISBN 80-8049-381-2.
2	Jakuš, J. - Tomori, Z. - Stránsky, A. - Bošeľová, Ľ. Bulbar respiratory activity during defensive airways reflexes in catsIn: Acta Physiologica Hungarica. Roč. 70, č. 2-3 (1987), p. 245-254.
3	Jakuš, J. - Stránsky, A. - Poliaček, I. - Baráni, H. Laryngeal patency and expiration reflex following focal cold block of the medulla in the catIn: Physiological Research. Roč. 45, č. 2 (1996), s. 107-116.
4	Jakuš, J. - Poliaček, I. - Halašová, E. - Muríň, P.- Knociková, J. - Tomori, Z. - Bolser, D. Brainstem circuitry of tracheal-bronchial cough:c-fos study in anesthetized cats. In: Respiratory Physiology & Neurobiology. - Roč. 160, č. 3 (2008), s. 289-300.
5	Míšek, J. - Belyaev, I. - Jakušová, V. - Tonhajzerová, I. - Barabáš, J. - Jakuš, J. Heart rate variability affected by radiofrequency electromagnetic field in adolescent students. In: Bioelectromagnetics. Roč. 39, č. 4 (2018), s. 277-288. ISSN (print) 0197-8462 (CC).

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

1	Habiňáková, H. - Jakušová, V. - Kohan, M. - Míšek, J. - Jakuš, J. Measurement of the values of radiofrequency electromagnetic fields around the head of adolescents. Clinician and Technology 2017; 47(2): 60-67 (SCOPUS)
2	Dylevský, I. - Navrátil, L. - Jakuš, J. - Hanuš, J. Základy biomechaniky a kineziologie. In: Medicínska biofyzika. Praha: Grada Publishing, 2019. s. 59-113. ISBN978-80-271-0209-9 (vysokoškolská učebncia).
3	Míšek, J. - Belyaev, I. - Jakušová, V. - Tonhajzerová, I. - Barabáš, J. - Jakuš, J. Heart rate variability affected by radiofrequency electromagnetic field in adolescent students. In: Bioelectromagnetics. Roč. 39, č. 4 (2018), s. 277-288. ISSN (print) 0197-8462 (CC).
4	Veterník, M. - Tonhajzerová, I. - Míšek, J. - Jakušová, V. - Hudečková, H. - Jakuš, J. The Impact of Sound Exposure on Heart Rate Variability in Adolescent Students. In: Physiological research. - Roč. 67, č. 5 (2018), s. 695-702. - ISSN (print) 0862-8408 (CC).
5	Zastko, L. - Makinistian, L. - Moravčíková, A. - Jakuš, J. - Belyaev, I. Effect of Intermittent ELF MF on Umbilical Cord Blood Lymphocytes. In: Bioelectromagnetics. Roč. 41, č. 8 (2020), s. 649-655. ISSN (print) 0197-8462 (CC).

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

1

Jakuš, J. - Tomori, Z. - Stránsky, A. Activity of bulbar respiratory neurones during cough and other respiratory tract reflexes in cats. In: Physiologia Bohemoslovaca. Vol. 34, Fasc. 2 (1985), p. 127-136. - ISSN 0014-
1291.

Ohlasy (celkom 61/total 61):

[o1] 1986 Jiménez-Vargas, J. - Carreira-Monteiro, M. E.: Rev. esp. Fisiol., roč. 42, č. 2, 1986, s. 147-152. SCI
[o1] 1987 Korpáš, J.: Acta physiol. Hung., roč. 70, č. 2-3, 1987, s. 161-165. SCI
[o1] 1989 Miller, A. D. - Tan, L. K. - Lakos, S. F.: Brain Res., roč. 493, č. 2, 1989, s. 348-356. SCI
[o1] 1990 Dyachenko, Y. E.: Neurophysiol., roč. 22, č. 5, 1990, s. 499-507. SCI
[o1] 1991 Bolser, D. C.: J. Appl. Physiol., roč. 71, č. 6, 1991, s. 2325-2331. SCI
[o1] 1991 Dyachenko, Y. E. - Preobrazhenski, N. N.: Neurophysiol., roč. 23, č. 1, 1991, s. 74-83. SCI
[o1] 1992 Miller, A. D. - Ezure, K.: Brain Res., roč. 578, č. 1-2, 1992, s. 168-176. SCI
[o1] 1992 Zhang, S. P. - Davis, P. J. - Carrive, P. - Bandler, R.: Neurosci. Latters, roč. 140, č. 1, 1992, s. 103-107. SCI
[o1] 1993 Lara, J. P. - David-Milner, M. S. - Gonzalezbaron, S.: Rev. esp. Fisiol., roč. 49, č. 4, 1993, s. 235-240. SCI
[o1] 1994 Meyrand, P. - Simmers, J. - Moulins, M.: J. Neurosci., roč. 14, č. 2, 1994, s. 630-644. SCI
[o1] 1995 Widdicombe, J. G.: Eur. Res. J., roč. 8, č. 7, 1995, s. 1193-1202. SCI
[o1] 1996 Gestreau, Ch. - Milano, S. - Bianchi, A. J. - Grélot, L.: Exp. Brain Res., roč. 108, č. 2, 1996, s. 247-256. SCI
[o1] 1997 Gestreau, Ch. - Bianchi, A. L. - Grélot, L.: J. Neurosci., roč. 17, č. 23, 1997, s. 9340-9352. SCI
[o1] 1998 Shannon, R. - Baekey, D. M. - Moris, K. F. - Lindsey, B. G.: J. Appl. Physiol., roč. 84, č. 6, 1998, s.2020-2035. SCI
[o1] 1999 Shiba, K. - Satoh, I. - Kobayashi, N. - Hayashi, F.: J. Neurosci., 19, 1999, 7, s. 2717-2727 - SCI
[o1] 2001 Jordan, D.: Central nervous pathways and control of the airways. In: Respiration Physiology, roč. 125, č. 1-2, 2001, s. 67-81. SCI
[o1] 2002 Bolser, D. C. - Davenport, P. W.: Functional organization of the central cough generation mechanism. In: Pulmonary Pharmacology & Therapeutics, roč. 15, č. 3, 2002, s. 221-
225. SCI
[o1] 2009 Mutolo, D. - Bongianni, F. - Cinelli, E. - Pantaleo, T.: Role of excitatory amino acids ... In: Brain Research Bulletin, roč. 80, č. 1-2, 2009, s. 22-29 - SCI ; SCOPUS
[o1] 2012 Segers, L. S. - Nuding, S. C. - Vovk, A. - Pitts, T. - Baekey, D. M. - O'Connor, R. - Morris, K. F. Lindsey, B. G. - Shannon, R. - Bolser, D. C.: Discharge identity of medullary ... In: Frontiers in Physiology, roč. 3, 2012, čl. č.223 - SCI ; SCOPUS
[o1] 2014 Canning, B. J. - Chang, A. B. - Bolser, D. C. - Smith, J. A. - Mazzone, S. B. - McGarvey, L.: Chest, roč. 146, č. 6, 2014, s. 1633-1648 - SCI
[o1] 2016 Jones, S. E. - Stanic, D. - Dutschmann, M.: Brain Structure and Function, roč. 221, č. 9, 2016, s. 4353-
4368 - SCI ; SCOPUS
[o1] 2021 Li, F. - Jiang, H. - Shen, X. - Yang, W. - Guo, C. - Wang, Z. - Xiao, M. - Cui, L. - Luo, W. - Kim, B. S.
- Chen, Z. - Huang, A. J. W. - Liu, Q.: Cell, roč. 184, č. 14, 2021, s. 3762-3773.e10 - SCI ; SCOPUS

2	Jakuš, J. - Poliaček, I. - Halašová, E. - Muríň, P. - Knociková, J. - Tomori, Z. - Bolser, D. Brainstem circuitry of tracheal-bronchial cough:c-fos study in anesthetized cats. In: Respiratory Physiology & Neurobiology. Roč. 160, č. 3 (2008), s. 289-300. ISSN (print) 1569-9048. Ohlasy (celkom 43/ total 43): [o1] [o1] 2008 Mutolo, D. - Bongianni, F. - Cinelli, E. - Fontana, G. A. - Pantaleo, T.: American Journal of Physiology-Regulatory Integrative and Comparative Physiology, roč. 295, č. 1, 2008, s. R243-R251 - SCI ; SCOPUS [o1] 2009 Canning, B. J.: Pulmonary Pharmacology and Therapeutics, roč. 22, č. 2, 2009, s. 75-81 - SCI ; SCOPUS [o1] 2009 Canning, B. J. - Chou, Y. L.: Handbook of Experimental Pharmacology, roč. 187, 2009, s. 23-47. SCOPUS [o1] 2009 Bianchi, A. L. - Gestreau, C.: Respiratory Physiology and Neurobiology, roč. 168, č. 1-2, 2009, s. 4-12. SCI ; SCOPUS [o1] 2009 Canning, B. J. - Spina, D.: Handbook of Experimental Pharmacology, roč. 194, 2009, s. 139-183 - SCOPUS [o1] 2010 Mutolo, D. - Bongianni, F. - Cinelli, E. - Pantaleo, T.: Journal of Applied Physiology, roč. 109, č. 4, 2010, s. 1002-1010 - SCI ; SCOPUS [o1] 2010 Canning, B. J. - Mori, N.: FASEB Journal, roč. 24, č. 10, 2010, s. 3916-3926 - SCI ; SCOPUS [o1] 2011 Canning, B. J. - Mori, N.: American Journal of Physiology - Regulatory Integrative and Comparative Physiology, roč. 300, č. 2, 2011, s. R369-R377 - SCI ; SCOPUS [o1] 2011 Mazzone, S. B. - McGovern, A. E. - Cole, L. J. - Farrell, M. J.: Current Opinion in Pharmacology, roč. 11, č. 3, 2011, s. 265-271 - SCI ; SCOPUS [o1] 2021 Varga, A. G. - Maletz, S. N. - Bateman, J. T. - Reid, B. T. - Levitt, E. S.: Journal of Neurochemistry, roč. 156, č. 1, 2021, s. 16-37 - SCI ; SCOPUS

3

Bolser, D. - Poliaček, I. - Jakuš, J. - Fuller, D. - Davenport, P. Neurogenesis of cough, other airway defensive behaviors and breathing: a holarchical system ? In: Respiratory Physiology & Neurobiology. Roč. 152, č. 3 (2006), s. 255-265. ISSN (print) 1569-9048.

Ohlasy (celkom 63/total 63):

[o1] 2006 Widdicombe, J. - Fontana, G.: Cough: what's in a name?. In: European Respiratory Journal, roč. 28, č. 1, 2006, s. 10-15 - SCI ; SCOPUS
[o1] 2007 Mutolo, D. - Bongianni, F. - Fontana, G. A. - Pantaleo, T.: The role of excitatory amino ... In: Brain Research Bulletin, roč. 74, č. 4, 2007, s. 284-293 - SCI ; SCOPUS
[o1] 2007 Chung, K. F.: Future directions in chronic ... In: Chronic Respiratory Disease, roč. 4, č. 3, 2007, s. 159-165. SCOPUS
[o1] 2008 Canning, B. J.: The cough reflex in animals ... In: Lung, roč. 186, suppl. 1, 2008, s. S23-S28 - SCI ; SCOPUS
[o1] 2008 Mutolo, D. - Bongianni, F. - Cinelli, E. - Fontana, G. A. - Pantaleo, T.: Modulation of the cough reflex... In: American Journal of Physiology-Regulatory Integrative and Comparative Physiology, roč. 295, č. 1, 2008, s. R243-R251 -SCI ; SCOPUS
[o1] 2009 Canning, B. J. - Chou, Y. L.: Cough sensors I. physiological and pharmacological ... In: Handbook of Experimental Pharmacology, roč. 187, 2009, S. 23-47.
SCOPUS

[o1] 2019 Dutschmann, M. - Dhingra, R. - McAllen, R. - Mazzone, S. B. - Farmer, D. G. S.: Journal of Neuroscience Methods, roč. 317, 2019, s. 49-60 - SCI ; SCOPUS
[o1] 2019 Baertsch, N. A. - Severs, L. J. - Anderson, T. M. - Ramirez, J. M.: Proceedings of the National Academy of Sciences of the United States of America, roč. 116, č. 15, 2019, s. 7493-7502 - SCI ; SCOPUS
[o1] 2020 Campos-Bedolla, P. - De-La-Cruz-Negrete, R. - Vargas, M. H. - Torrejón-González, E. G. - MendozaMejía, D. - Islas-Hernández, A. - Segura-Medina, P. - Córdobarodríguez, G. - Orozco-Suárez, S. - ArreolaRamírez, J. L.: PhysiologicalResearch, roč. 69, č. 1, 2020, s. 191-197 - SCI ; SCOPUS
[o1] 2020 Sterusky, M. - Plevkova, J. - Grendar, M. - Buday, T.: Physiological Research, roč. 69, 2020, s. S171-S179 - SCI ; SCOPUS
[o1] 2021 Olsen, W. L. - Rose, M. - Golder, F. J. - Wang, C. - Hammond, J. C. - Bolser, D. C.: Frontiers in Physiology,r oč. 12, 2021, čl. č. 640682 - SCI ; SCOPUS
[o1] 2021 Bai, H. - Sha, B. - Xu, X. - Yu, L.: Frontiers in Physiology, roč. 12, 2021, čl. č. 654797 - SCI ; SCOPUS

4	Jakuš, J. - Stránsky, A. - Poliaček, I. - Baráni, H. - Bošeľová, Ľ. Kainic acid lesions to the lateral tegmental field of medulla: effects on cough, expiration and aspiration reflexes in anesthetized cats In: Physiological Research. Roč. 49, č. 3 (2000), s. 387-398. Ohlasy (celkom21/ total 21): [o1] 2002 Pantaleo, T. - Bongianni, F. - Mutolo, D.: Central nervous mechanisms of cough. In: Pulmonary Pharmacology and Therapeutics, roč. 15, č. 3, 2002, s. 227-233 - SCI ; SCOPUS [o1] 2002 Widdicombe, J.: Neuroregulation of cough: implications for drug therapy. In: Current Opinion Pharmacology, roč. 2, č. 3, 2002, s. 256-263 - SCI ; SCOPUS [o1] 2002 Korpáš, J. - Shannon, R. - Widdicombe, J. G.: Chairmen's summary. In: European Respiratory Review. Cough: recent advances in understanding, roč. 12, č. 85, 2002, s. 278-282 - SCOPUS [o1] 2004 Baekey, D. M. - Morris, K. F. - Nuding, S. C. - Segers, L. S. - Lindsey, B. G. - Shannon, R.: Ventrolateral medullary respiratory network participation in the expiration reflex in the cat. In: Journal of Applied Physiology, roč. 96,č. 6, 2004, s. 2057-2072 - SCI ; SCOPUS [o1] 2004 Shannon, R. - Baekey, D. A. - Morris, K. F. - Nuding, S. C. - Segers, L. S. - Lindsey, B. G.: Pontine respiratory group neuron discharge is altered during fictive cough in the decerebrate cat. In: Respiratory Physiology andNeurobiology, roč. 142, č. 1, 2004, s. 43-54 - SCI ; SCOPUS [o1] 2004 Shannon, R. - Baekey, D. A. - Morris, K. F. - Nuding, S. C. - Segers, L. S. - Lindsey, B. G.: Production of reflex cough by brainstem respiratory networks. In: Pulmonary Pharmacology and Therapeutics, roč. 17, 2004, s. 369-376 - SCI; SCOPUS [o1] 2004 Fontana, G. A. - Lavorini, F. - Geri, P. - Zanasi, A. - Piumelli, R.: Cough in children with congenital central hypoventilation syndrome. In: Pulmonary Pharmacology and Therapeutics, roč. 17, č. 6, 2004, s. 425-429. SCI ; SCOPUS[o1] 2017 Mutolo, D.: Respiratory Physiology and Neurobiology, roč. 243, 2017, s. 60-76 - SCI ; SCOPUS [o1] 2019 Svobodová, H. - Hlinková, J. - Janega, P. - Kosnáč, D. - Filová, B. - Miglierini, M. - Dlháň, A. - Ehrlich, H. - Valigura, D. - Boča, R. - Polák, Š. - Nagy, Š. - Kopáni, M.: Open Physics, roč. 17, č. 1, 2019, s. 291-298 - SCI ;SCOPUS [o1] 2020 Lucanska, M. - Hajtman, A. - Calkovsky, V. - Kunc, P. - Pecova, R.: Physiological Research, roč. 69, č. S1, 2020, s. S35-42 - SCI ; SCOPUS

5	Yates, B. - Grélot, L. - Kerman, I. A. - Balaban, C. D. - Jakuš, J. - Miller, Alan D. Organization of vestibular inputs to nucleus tractus solitarius and adjacent structures in cat brain stem. In: American Journal of Physiology - Endocrinology and Metabolism. Roč. 267, č. 4 (1994), s. 974-983. - ISSN 0193- 1849. Ohlasy (celkom 108/ total 108): [o1] 1998 Aleksandrov, V. G. - Bagaev, V. A. - Nozdrachev, A. D.: Neurones of vestibular ... In: Doklady Akademii Nauk, roč. 358, č. 4, 1998, s. 555-557 - SCI ; SCOPUS [o1] 1998 Barmack, N. H. - Fredette, B. J. - Mugnaini, E.: J. Comp. Neurol., roč. 392, č. 3, 1998, s. 352-372 - SCI [o1] 1999 Cui, J. - Iwase, S. - Mano, T. - Kitazawa, H.: Am. J. Physiol. 276: Regulatory Integrative and Comp. Physiol., roč. 276, č. 3, 1999, s. R738-R744 - SCI [o1] 1999 Duflo, S. G. D. - Gestreau, C. - Tighilet, B. - Lacour, M.: Brain. Res., roč. 824, č. 1, 1999, s. 1-17 - SCI[o1] 2019 Gagliuso, A. H. - Chapman, E. K. - Martinelli, G. P. - Holstein, G. R.: Journal of Neurophysiology, roč. 122, č. 2, 2019, s. 512-524 - SCI ; SCOPUS [o1] 2019 Cakmak, Y. O.: Frontiers in Human Neuroscience, roč. 13, 2019, čl. č. 421 - SCI ; SCOPUS [o1] 2020 McKeown, J. - McGeoch, P. D. - Grieve, D. J.: Diabetic Medicine, roč. 37, č. 1, 2020, s. 20-28 - SCI ; SCOPUS [o1] 2020 Baker, J. - Kimpinski, K.: Cerebellum, roč. 19, č. 1, 2020, s. 30-39 - SCI ; SCOPUS [o1] 2021 Raphan, T. - Yakushin, S. B.: Frontiers in Neurology, roč. 12, 2021, čl. č. 631409 - SCI ; SCOPUS [o1] 2021 Foth, S. - Meller, S. - Kenward, H. - Elliott, J. - Pelligand, L. - Volk, H. A.: BMC Veterinary Research, roč. 17, č. 1, 2021, čl. č. 222 - SCI ; SCOPUS

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

1	Projekt APVV-19-0214 v spoluriešiteľstve s KTEBI Žilinskej Univerzity v Žiline. Prof. Jakuš - zodpovedný za Jesseniovu lekársku fakultu UK Martin. Doba riešenia: 07/2020 - 06/2023. Názov projektu: Biokompatibilita a objektivizácia elektromagnetického poľa sieťovej frekvencie v husto osídlených oblastiach. / Project APVV-19-0214 in co-solution with KTEBI of the University of Žilina in Žilina. Prof. Jakuš - responsible for Jessenius Faculty of Medicine, Charles University, Martin. Solution time: 07/2020 - 06/2023. Project title: Biocompatibility and objectification of the mains frequency electromagnetic field in densely populated areas.
2	Vedeckovýskumná úloha VEGA 1/0092/20. Zodpovedný riešiteľ: Prof. Poliaček. Spoluriešiteľ projektu - prof. Jakuš. /Scientific research task VEGA 1/0092/20. Responsible researcher: Prof. Poliaček. Project co-investigator - prof. Jakuš.
3	Vedeckovýskumná úloha VEGA č. 1/0173/20. Zodpovedný riešiteľ: Ing. Míšek, PhD. Zástupca projektu - prof. Jakuš. / Scientific research task VEGA no. 1/0173/20. Responsible researcher: Ing. Míšek, PhD. Project representative - prof. Jakuš.
4	Projekt KEGA č. 057UK - 4/2021. Zodpovedný riešiteľ: Ing. Míšek, PhD. Zástupca projektu - prof. Jakuš./ KEGA project no. 057UK - 4/2021. Responsible researcher: Ing. Míšek, PhD. Project representative - prof. Jakuš.
5	Vedeckovýskumná úloha VEGA č.1/0275/19. Zodpovedný riešiteľ: Doc. Šimera. Zástupca projektu do roku 2020 - prof. Jakuš./ Scientific research task VEGA No. 1/0275/19. Responsible researcher: Doc. Šimera. Project representative until 2020 - prof. Jakuš.

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
SSW - trainer (leadership of 15 groups)	Jessenius Faculty of Medicine in Martin, COMENIUS UNIVERSITY BRATISLAVA	1997-2022

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)
Center for Neurophytic Sciences PAV, Warsaw, Poland	Warsaw, Poland	1993-1994	SC cooperation
AA Bogomolka Institute of Neurophysiology, Kiev, Ukraine	Kyjev, Ukrajina/Kiev Ukraine	1995-1996	SC cooperation
Rockefeller University Neurophysiology Laboratory, New York, USA	New York, USA	1991-1993	invited study stay

IX. - Other relevant facts

IX.a - If relevant, other activities related to higher education or research/artistic/other activities are mentioned	Price Cs. Physiological Society of Purkyne for the best SSW in 1997. Award - Best PhD Supervisor study at JFMED in Martine in 2011.
Date of last update	27.10.2023