

Research/art/teacher profile of a person

Name and surname prof. PharmDr. Ján Klimas, PhD., MPH
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 Faculty of Pharmacy
The seat of the faculty Odbojárov 10, 832 32 Bratislava

I. - Basic information

I.1 - Surname	Klimas
I.2 - Name	Jan
I.3 - Degrees	Prof., PharmDr., PhD., MPH.
I.4 - Year of birth	1976
I.5 - Name of the workplace	Department of Pharmacology and Toxicology, Faculty of Pharmacy, CU Bratislava
I.6 - Address of the workplace	Ul. odbojárov 10, 832 32 Bratislava
I.7 - Position	Professor
I.8 - E-mail address	jan.klimas@uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/3726?do=filterForm-submit&name=J%C3%A1n&surname=Klimas&sort=surname&employment_state=yes
I.10 - Name of the study field in which a person works at the university	Pharmacy, Pharmacology, Clinical Pharmacy
I.11 - ORCID iD	0000-0002-6845-2105

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, CU Bratislava
II.b - Year	1999
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, CU Bratislava
II.b - Year	2006
II.c - Study field and programme	Pharmacology

II.4 - Associate professor

II.a - Name of the university or institution	Jessenius Faculty of Medicine, CU Bratislava
II.b - Year	2009
II.c - Study field and programme	Pharmacology

II.5 - Professor

II.a - Name of the university or institution	Comenius University in Bratislava
II.b - Year	2017
II.c - Study field and programme	Pharmacology

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
Professor	Faculty of Pharmacy, CU Bratislava	2017-present
Associate Professor	Faculty of Pharmacy, CU Bratislava	2009-2017
Assistant Professor	Faculty of Pharmacy, CU Bratislava	1999-2002 and 2005-2009
Wissenschaftlicher Mitarbeiter	Institut für Pharmakologie und Toxikologie, Universitätsklinikum, Westfälische Wilhelms-Universität, Münster, Germany	2002-2004

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	Pharmacy	1.+2.	Pharmacy
Clinical Pharmacy	Clinical Pharmacy	3.	Pharmacy
Clinical Pharmacology and Pharmacotherapy	Clinical Pharmacy	3.	Pharmacy

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
Pharmacy	1.+2.	Pharmacy
Clinical Pharmacy	3.	Pharmacy

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
Clinical Pharmacy	Pharmacy

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.a - Bachelor's (first degree)	0
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V.4.b - Diploma (second degree)	0
V.4.c - Dissertation (third degree)	3
V.4.2 - Number of defended theses	
V.4.a - Bachelor's (first degree)	1
V.4.b - Diploma (second degree)	43
V.4.c - Dissertation (third degree)	7
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
Innovative Medicines in Pharmacotherapy	Pharmacy	1.+2.	Pharmacy
Basics of Regulatory Pharmacy	Pharmacy	1.+2.	Pharmacy
Pharmacology	Pharmacy	1.+2.	Pharmacy
Clinical Pharmacology and Pharmacotherapy	Pharmacy	1.+2.	Pharmacy
Clinical Pharmacy and Pharmacotherapy	Pharmacy	1.+2.	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	459
VI.1.b - Over the last six years	118
VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases	
VI.1.a - Overall	76
VI.1.b - Over the last six years	29
VI.1.3 - Number of citations corresponding to the research/artistic/other outputs	
VI.1.a - Overall	677
VI.1.b - Over the last six years	64
VI.1.4 - Number of citations registered in the Web of Science or Scopus databases	
VI.1.a - Overall	627
VI.1.b - Over the last six years	62
VI.1.5 - Number of invited lectures at the international, national level	
VI.1.a - Overall	1
VI.1.b - Over the last six years	0

VI.2 - The most significant research/artistic/other outputs	
1	Kmecova, J., Klimas, J. Heart rate correction of the QT duration in rats (2010) European Journal of Pharmacology, 641 (2-3), pp. 187-192. https://www.sciencedirect.com/science/article/abs/pii/S0014299910004887?via%3Dihub
2	Kreněk, P., Kmecova, J., Kucerovala, D., Bajuszova, Z., Musil, P., Gazova, A., Ochodnický, P., Klimas, J., Kyselovic, J. Isoproterenol-induced heart failure in the rat is associated with nitric oxide-dependent functional alterations of cardiac function (2009) European Journal of Heart Failure, 11 (2), pp. 140-146. https://onlinelibrary.wiley.com/doi/full/10.1093/eurjhf/hfn026
3	Klimas, J., Olvedy, M., Ochodnicka-Mackovicova, K., Kruzliak, P., Cacanyiova, S., Kristek, F., Kreněk, P., Ochodnický, P. Perinatally administered losartan augments renal ACE2 expression but not cardiac or renal Mas receptor in spontaneously hypertensive rats (2015) Journal of Cellular and Molecular Medicine, 19 (8), pp. 1965-1974. https://onlinelibrary.wiley.com/doi/10.1111/jcmm.12573
4	Klimas, J., Kruzliak, P., Rabkin, S.W. Modulation of the QT interval duration in hypertension with antihypertensive treatment (2015) Hypertension Research, 38 (7), pp. 447-454. https://www.nature.com/articles/hr201530
5	Kmecova, Z., Veteskova, J., Lelkova-Zirova, K., Bies Pivackova, L., Doka, G., Malikova, E., Paulis, L., Kreněk, P., Klimas, J. Disease severity-related alterations of cardiac microRNAs in experimental pulmonary hypertension (2020) Journal of Cellular and Molecular Medicine 24 (12), pp. 6943-6951. https://onlinelibrary.wiley.com/doi/10.1111/jcmm.1535

VI.3 - The most significant research/artistic/other outputs over the last six years	
1	Kmecova, Z., Veteskova, J., Lelkova-Zirova, K., Bies Pivackova, L., Doka, G., Malikova, E., Paulis, L., Kreněk, P., Klimas, J. Disease severity-related alterations of cardiac microRNAs in experimental pulmonary hypertension (2020) Journal of Cellular and Molecular Medicine 24 (12), pp. 6943-6951. https://onlinelibrary.wiley.com/doi/10.1111/jcmm.1535
2	Radik, M., Kmecova, Z., Veteskova, J., Malikova, E., Doka, G., Kreněk, P., Klimas, J. Hepatocyte growth factor plays a particular role in progression of overall cardiac damage in experimental pulmonary hypertension (2019) International Journal of Medical Sciences 16 (6), pp. 854-863. https://www.medsci.org/v16p0854.htm
3	Nemcekova, V., Kmecova, Z., Bies Pivackova, L., Goncalvesova, E., Kreněk, P., Doka, G., Klimas, J. Hematocrit-Related Alterations of Circulating microRNA-21 Levels in Heart Failure Patients with Reduced Ejection Fraction: A Preliminary Study (2021) Genetic Testing and Molecular Biomarkers 25 (4), pp. 302-306. https://www.liebertpub.com/doi/full/10.1089/gtmb.2020.0277
4	Rajtik, T., Galis, P., Bartosova, L., Paulis, L., Goncalvesova, E., Klimas, J. Alternative RAS in Various Hypoxic Conditions: From Myocardial Infarction to COVID-19 (2021) International Journal of Molecular Sciences 22 (23), pp. 12800. https://www.mdpi.com/1422-0067/22/23/12800
5	Macekova, Z., Fazekas, T., Krivosova, M., Dragasek, J., Zufkova, V., Klimas, J., Snopkova, M. Identification of a Link between Suspected Metabolic Syndrome and Cognitive Impairment within Pharmaceutical Care in Adults over 75 Years of Age (2023) Healthcare (Switzerland), 2023, 11(5), pp. 718 https://www.mdpi.com/2227-9032/11/5/718

VI.4 - The most significant citations corresponding to the research/artistic/other outputs	
1	Austin, K.M. - Trembley, M.A. - Chandler, S.F. - Sanders, S.P. - Saffitz, J.E. - Abrams, D.J. - Pu, W.T.: Nature Reviews Cardiology, vol. 16, no. 9, 2019, p. 519-537
2	Gasperetti, A. - James, C.A. - Cerrone, M. - Delmar, M. - Calkins, H. - Duru, F.: European Heart Journal, vol. 42, no. 13, 2021, p. 1231-1243
3	Tejero, J. - Shiva, S. - Gladwin, M.T.: Physiological Reviews, Vol. 99, No. 1, 2019, p. 379
4	Jiang, X. - Eales, J.M. - Scannali, D. - Nazgiewicz, A. - Prestes, P. - Maier, M. - Denniff, M. - Xu, X. - Saluja, S. - Cano-Gamez, E. - Wystrychowski, W. - Szulinska, M. - Antczak, A. - Byars, S. - Skrypnik, D. - Glyda, M. - Kró, R. - Zywiec, J. - Zukowska-Szczechowska, E. - Burrell, L.M. - Woolf, A.S. - Greenstein, A. - Bogdanski, P. - Keavney, B. - Morris, A.P. - Heagerty, A. - Williams, B. - Harrap, S.B. - Trynka, G. - Samani, N.J. - Guzik, T.J. - Charchar, F.J. - Tomaszewski, M.: European Heart Journal, Vol. 41, No. 48, 2020, p. 4588
5	Cheng, H. - Lederer, W.J.: Physiological Reviews, Vol. 88, No. 4, 2008, p. 1545

VI.5 - Participation in conducting (leading) the most important research projects or art projects over the last six years	
1	Project number: APVV-15-0685. Project duration: 2016-2020. Project title: Theranostic potential of components of alternative RAS in modulation of right ventricular function and dysfunction. Principal investigator.
2	Project number: VEGA 1/0195/20. Project duration: 2020-2023. Project title: Role of hepatocyte growth factor in formation and progression of diabetic cardiomyopathy electrogenesis. Principal investigator.
3	Project number: VEGA 1/0304/17. Project duration: 2017-2019 Project title: Role of HCN channels in development of diabetic cardiomyopathy and related changes of myocardial electrogenesis. Principal investigator.

VII. - Overview of organizational experience related to higher education and research/artistic/other activities	
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VII.a - Activity, position	VII.b - Name of the institution, board	VII.c - Duration
Cooperative European Medicines Development Course, Basic module 5 (Regulatory Affairs & Pharmacovigilance), Module leader	Semmelweis University, Budapest, Hungary and Comenius University in Bratislava	2012-2017

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)
Institut für Pharmakologie und Toxikologie, Universitätsklinikum, Westfälische Wilhelms-Universität, Münster, Germany	Domagkstraße 12, 48149 Münster, Germany	2002-2004	research assistant

IX. - Other relevant facts

Date of last update	14.09.2023
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