

Research/art/teacher profile of a person

Name and surname	prof. PharmDr. Adriana Duriš Adameová, 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	Faculty of Pharmacy
The seat of the faculty	Odbojárov 10, 832 32 Bratislava

I. - Basic information

I.1 - Surname	Duriš Adameová
I.2 - Name	Adriana
I.3 - Degrees	prof. PharmDr., PhD.
I.4 - Year of birth	1978
I.5 - Name of the workplace	Faculty of Pharmacy, Comenius University in Bratislava
I.6 - Address of the workplace	Odbojárov 10, Bratislava, 832 32
I.7 - Position	full professor
I.8 - E-mail address	adameova@fpharm.uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/3686
I.10 - Name of the study field in which a person works at the university	pharmacology
I.11 - ORCID iD	https://orcid.org/0000-0002-9803-043X

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, Comenius University in Bratislava
II.b - Year	2002
II.c - Study field and programme	farmacy

II.3 - Third degree of higher education

II.a - Name of the university or institution	Faculty of Pharmacy, Comenius University in Bratislava,
II.b - Year	2006
II.c - Study field and programme	pharmacology

II.4 - Associate professor

II.a - Name of the university or institution	Faculty of Pharmacy, Comenius University in Bratislava,
II.b - Year	2014
II.c - Study field and programme	pharmacology

II.5 - Professor

II.a - Name of the university or institution	Faculty of Pharmacy, Comenius University in Bratislava,
II.b - Year	2018
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
full professor	Faculty of Pharmacy, Comenius University in Bratislava,	2018-
associate professor	Faculty of Pharmacy, Comenius University in Bratislava,	2015-2017
assistant professor	Faculty of Pharmacy, Comenius University in Bratislava,	2005-2014
visiting scientist	Institute of Cardiovascular Sciences, St. Boniface Research Centre, Winnipeg, Canada	2007
visiting scientist	College of Pharmacy, University of Michigan, Ann Arbor	2023

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
rozvoj laboratórnych techník	The Hatter Cardiovascular Institute, University College London, UK	2007
letná škola, rozvoj vedeckých činností	ESC Summer School, Nice, France	2009

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	2.	pharmacy
pharmacology	pharmacy	1. and 2 combined	
pharmacology	pharmacology	3.	

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.b - Diploma (second degree)	2
V.4.c - Dissertation (third degree)	2
<i>V.4.2 - Number of defended theses</i>	
V.4.b - Diploma (second degree)	>30
V.4.c - Dissertation (third degree)	4

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	315 (university records)
VI.1.b - Over the last six years	74 (university records)
<i>VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases</i>	
VI.1.a - Overall	80 (Scopus)

VI.1.b - Over the last six years		36 (Scopus)
VI.1.3 - Number of citations corresponding to the research/artistic/other outputs		
VI.1.a - Overall		> 1100 (Scopus)
VI.1.b - Over the last six years		> 750 (Scopus)
VI.1.4 - Number of citations registered in the Web of Science or Scopus databases		
VI.1.a - Overall		> 1100 (Scopus)
VI.1.b - Over the last six years		> 750 (Scopus)
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	<u>Adameova</u> A, Goncalvesova E, Szobi A, Dhalla NS. Necroptotic cell death in failing heart: relevance and proposed mechanisms Heart Fail Rev. 2016 Mar;21(2):213-21.	
2	Szobi A, Gonçalvesová E, Varga ZV, Leszek P, Kuśmierczyk M, Hulman M, Kyselovič J, Ferdinandy P, <u>Adameová</u> A. Analysis of necroptotic proteins in failing human hearts. J Transl Med. 2017 Apr 28;15(1):86.	
3	<u>Adameova</u> A, Hrdlicka J, Szobi A, Farkasova V, Kopaskova K, Murarikova M, Neckar J, Kolar F, Ravingerova T, Dhalla NS. Evidence of necroptosis in hearts subjected to various forms of ischemic insults. Can J Physiol Pharmacol. 2017 Oct;95(10):1163-1169.	
4	Lichý M, Szobi A, Hrdlička J, Horváth C, Kormanová V, Rajtík T, Neckář J, Kolář F, <u>Adameová</u> A. Different signalling in infarcted and non-infarcted areas of rat failing hearts: A role of necroptosis and inflammation. J Cell Mol Med. 2019 Sep;23(9):6429-6441.	
5	<u>Adameova</u> A, Abdellatif Y, Dhalla NS. Role of the excessive amounts of circulating catecholamines and glucocorticoids in stress-induced heart disease. Can J Physiol Pharmacol. 2009 Jul;87(7):493-514.	
VI.3 - The most significant research/artistic/other outputs over the last six years		
1	<u>Adameova</u> A, Horvath C, Abdul-Ghani S, Varga ZV, Suleiman MS, Dhalla NS. Interplay of Oxidative Stress and Necrosis-like Cell Death in Cardiac Ischemia/Reperfusion Injury: A Focus on Necroptosis. Biomedicines. 2022 Jan 7;10(1):127.	
2	Jarabicová I, Horváth C, Veľasová E, Bies Piváčková L, Vetešková J, Klimas J, Křenek P, <u>Adameova</u> A, Analysis of necroptosis and its association with pyroptosis in organ damage in experimental pulmonary arterial hypertension. J Cell Mol Med. 2022 May;26(9):2633-2645	
3	Davidson SM, <u>Adameová</u> A, Barile L, Cabrera-Fuentes HA, Lazou A, Pagliaro P, Stensløkken KO, Garcia-Dorado D; Mitochondrial and mitochondrial-independent pathways of myocardial cell death during ischaemia and reperfusion injury. J Cell Mol Med. 2020 Apr;24(7):3795-3806.	
4	Mishra PK, <u>Adameova</u> A, Hill JA, Baines CP, Kang PM, Downey JM, Narula J, Takahashi M, Abbate A, Pirstine HC, Kar S, Su S, Higa JK, Kawasaki NK, Matsui T. Guidelines for evaluating myocardial cell death. Am J Physiol Heart Circ Physiol. 2019 Nov 1;317(5):H891-H922.	
5	Horvath C, Jarabicova I, Kura B, Kalocayova B, Faurobert E, Davidson SM, <u>Adameova</u> A Novel, non-conventional pathways of necroptosis in the heart and other organs: Molecular mechanisms, regulation and inter-organelle interplay. Biochim Biophys Acta Mol Cell Res. 2023	
VI.4 - The most significant citations corresponding to the research/artistic/other outputs		

1	Heusch, G. Myocardial ischaemia-reperfusion injury and cardioprotection in perspective. Nature Reviews Cardiology 2020, 17(12), pp. 773-789
2	Liu, Y., Zeng, L., Yang, Y., (...), Wang, D., Wang, H. cyl-CoA thioesterase 1 prevents cardiomyocytes from Doxorubicin-induced ferroptosis via shaping the lipid composition. Cell Death and Disease, 2020, 11(9),756
3	Mao, S., Chen, P., Pan, W., Gao, L., Zhang, M. Exacerbated post-infarct pathological myocardial remodelling in diabetes is associated with impaired autophagy and aggravated NLRP3 inflammasome activation. ESC Heart Failure, 2021
4	Pyroptosis and ferroptosis induced by mixed lineage kinase 3 (MLK3) signaling in cardiomyocytes are essential for myocardial fibrosis in response to pressure overload. Wang, J., Deng, B., Liu, Q., (...), Xian, S., Wang, L.. Cell Death and Disease, 2020, 11(7),574
5	Xiao, P., Wang, C., Li, J., (...), Liu, J., Wang, X. COP9 Signalosome Suppresses RIPK1-RIPK3-Mediated Cardiomyocyte Necroptosis in Mice Circulation: Heart Failure, 2020, pp. 283-294

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

1	Necroptotic and pleiotropic effects of RIP3 kinase acting as a convergent point in cardiac cell loss: understanding the basic mechanisms in the ischemic heart with or without metabolic stress as a tool for designing therapeutic approaches. APVV (APVV-20-0242), 2021-2025, 220 000€, PI
2	Dynamics of cardiac damage: a role of necroptotic cell death. APVV (APVV-15-0607), 2016-2020, 248 588 €, PI
3	The role of nonischemic adaptive stimuli in the protection of the ischemic myocardium: a study of triggers and cellular cardioprotective signaling, APVV (APVV-19-0540), 2019-2024, 223 880€, deputy of PI
4	Study of endogenous compensatory mechanisms effective against energy deficiency in pathologically loaded myocardium: innovative approaches in experimental cardioprotection. APVV (APVV-15-0119), 2016-2020, 245 500€, deputy of PI
5	ERANET grant, Horizont 2020, Network of European funding for neuroscience research - Calcium channels and cell death in cerebral malformations, 2023-2026, 120 000€, Partner, responsible person for a project done in Slovakia

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)
Institute of Cardiovascular Sciences, St. Boniface Research Centre, Winnipeg, Kanada	351 Tache Ave, Winnipeg, MB R2H 2A6, Kanada	2007	visiting scientist
The Hatter Cardiovascular Institute, University College Londýn, UK	67 Chenies Mews, London WC1E 6HX, Spojené kráľovstvo	2007 - 1 month	training in laboratory techniques
College of Pharmacy, University of Michigan, USA	428 Church St, Ann Arbor, MI 48109,	2023 - 6 weeks	visiting researcher/professor

IX. - Other relevant facts

Date of last update	19.09.2023
---------------------	------------