

CURRICULUM VITAE

Personal Information

Darius Gheorghe Buriman



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PROFESSIONAL EXPERIENCE

[2022 – Current] PhD Associate Assistant Professor Pathophysiology, Department III
Functional sciences

[01/01/2019 – Current] Medical Resident - Cardiovascular Surgery
Institutul de Boli Cardiovasculare Timișoara

EDUCATION AND TRAINING

[2022 – Current] PhD Student: "Contributions to the elucidation of the mechanisms of mitochondrial and endothelial dysfunction in cardiac surgery"- Victor Babeș” Univerity of Medicine and Pharmacy in Timișoara

[2012 – 2018] Medical Doctor
“Victor Babeș” Univerity of Medicine and Pharmacy in Timișoara (România)

[2008 – 2012] Bacalaureat Diploma
Grupul Școlar Industrial, Moldova-Nouă

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
English	B2	B2	B2	B2	B2

German

B1

B1

A2

A2

B1

Niveluri: A1 și A2: Utilizatorelementar - B1 și B2: Utilizator independent - C1 și C2:
Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

PUBLICATIONS

1. Adrian P. Merce, Adrian Sturza, **Darius G. Buriman**, Loredana Ionica, Anca M. Bina, Claudia Borza, Lucian Petrescu, Danina Muntean, *Mitigation of Monoamine Oxidase-Related Oxidative stress by Metformin and Empagliflozin in human atrial tissue*, Archives of Cardiovascular Diseases Supplements, Volume 14, Issue 2, 2022, Page 216, ISSN 1878-6480, <https://doi.org/10.1016/j.acvdsp.2022.04.128>.
2. Merce AP, **Buriman DG**, Lascu A, Bîna AM, Feier HB, Petrescu L, Borza C, Sturza A, Muntean DM, Crețu OM. *Metformin Reverses the Effects of Angiotensin 2 in Human Mammary Arteries by Modulating the Expression of Nitric Oxide Synthases*. Serbian Journal of Experimental and Clinical Research 2022, vol. 23 (3); doi:[10.2478/sjcr-2022-0070](https://doi.org/10.2478/sjcr-2022-0070).
3. Merce AP, Bîna AM, Avram VF, **Buriman DG**, Lascu A, Feier HB, Petrescu L, Muntean DM, Elmér E, Crețu OM. *Cell-Permeable Succinate Improves Platelet Respiration in Patients Undergoing Cardiopulmonary Bypass: A Pilot Study*. Timișoara Medical Journal 2022 (2), 2; doi:[10.35995/tmj20220202](https://doi.org/10.35995/tmj20220202).
4. Braescu L, Gaspar M, **Buriman D**, Aburel OM, Merce AP, Bratosin F, Aleksandrovich KS, Alambaram S, Mornos C. The Role and Implications of Epicardial Fat in Coronary Atherosclerotic Disease. J Clin Med. 2022 Aug 12;11(16):4718. doi: [10.3390/jcm11164718](https://doi.org/10.3390/jcm11164718). PMID: 36012956; PMCID: PMC9410442.

CONFERENCES AND SEMINARS

- [2022] Conferința Națională a Societății Române de Chirurgie Cardiovasculară
- [2022] CardioCulture
- [2019] 20 de ani de transplant cardiac Targu Mures
- [2019] CardioCulture Timisoara
- [2016] Cardiocare
- [2013] New Breakthroughs in Immunology: Fighting Fire with Fire

MANAGEMENT AND LEADERSHIP SKILLS

team work, organizational spirit, interhuman relationships, negotiation

COMMUNICATION AND INTERPERSONAL SKILLS

Intermediate-advanced communication skills