


PERSONAL INFORMATION

Alina Maria Bețiu (Mitroi)



 Piața Eftimie Murgu 2, 300041, Timișoara (România)

 mitroi.alinaa@umft.com

Sex Female | Nationality Romanian

WORK EXPERIENCE

- 2017–Present **Residency in Cardiology**
Institute of Cardiovascular and Heart Diseases of Timisoara, Romania
Clinical activity
- 2015–2016 **Scientific Medical Research Activity**
Victor Babeș University of Medicine and Pharmacy of Timisoara, Romania
- Certificate no. : 04/24.06.2016
- According to Volunteering Contract no. : 16587/28.12.2015
- 2013–2016 **Peer-Teacher in the Department of Pathophysiology -Functional Sciences**
Victor Babeș University of Medicine and Pharmacy of Timisoara, Romania
- Certificate no. : 04/24.06.2016
- According to Volunteering Contract no. : 16587/28.12.2015

EDUCATION AND TRAINING

- 2018–Present **PhD student**
Victor Babeș University of Medicine and Pharmacy of Timisoara, Romania
Pathophysiology Department
Scientific coordinator: Prof. Dr. Danina Muntean
- 2010–2016 **Medical Doctor, Bachelor studies**
Victor Babeș University of Medicine and Pharmacy of Timisoara, Romania
- 2006–2010 **Baccalaureate**
“Gheorghe Titeica ” High School, Specialization Mathematics Informatics, Drobeta Turnu Severin , Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills Good written and verbal communication skills, sociable, emphatic listener.

Job-related skills Punctual, responsible, ambitious, team worker

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Student Awards

1. Diploma for outstanding academic results for the 5th year of study issued by Timisoara City Hall, Mayor Nicolae Robu, 14.12.2015
2. Diploma for outstanding academic results issued by "Orizonturi Universitare" Association, 14.12.2015
3. Third prize for remarkable academic achievements during bachelor studies issued by Victor Babeş University of Medicine and Pharmacy of Timisoara, 2015

Teaching skills Peer-Teacher in the Department of Pathophysiology -Functional Sciences at the Victor Babeş University of Medicine and Pharmacy of Timisoara, Romania

Training programs participations

1. Multimodal Imaging in Cardiology, course organized by the Romanian Society of Cardiology, Timisoara, 15 November 2019
2. Cardiovascular Emergencies, course organized in collaboration with the Romanian Society of Anesthesia and Intensive Care, 29 March 2018, Timisoara, Romania.
3. Basic & Advanced Emergency Training Camp, organised by OSMU Targu Mures in association with Emergency Unit of Targu Mures County Emergency Clinical Hospital, 03-14 August 2015.

Memberships

1. Member of the European Society of Cardiology, 2019-to date
2. Member of the Acute Cardiovascular Care Association, 2019-to date
3. Member of the Romanian Society of Cardiology, 2019-to date
4. Member of the Romanian Society of Pathophysiology, 2018-to date

Conferences and Scientific Participations

1. **Bețiu AM**, Chamkha I, Avram VF, Åsander Frostner E, Ehinger J, Muntean DM, Petrescu L, Elmer E. *Amiodarone-induced mitochondrial dysfunction is improved by a cell-permeable succinate in human platelets*. Oral presentation at Timișoara Inspo Advanced Research; on-line, 19 March 2021
2. **Bețiu AM**, Åsander Frostner E, Ehinger J, Petrescu, Elmer E, Muntean DM. *Assessment of amiodarone toxicity by high-resolution respirometry in human platelets*. Poster at the National Congress of Cardiology, on-line, 16-19 September 2020
3. **Bețiu AM**, Åsander Frostner E, Ehinger J, Petrescu L, Muntean DM, Elmer E. *Amiodarone-induced mitochondrial respiratory dysfunction is alleviated by cell-permeable succinate in human platelets*. Poster at the Scientific session of the Doctoral Schools UMF „Victor Babeș” from Timișoara with the occasion of Victor Babeș University of Medicine and Pharmacy Days, 11 December 2019
4. **Bețiu AM**, Åsander Frostner E, Ehinger J, Petrescu L, Muntean DM, Elmer E. *Cell-permeable succinate improves amiodarone-induced mitochondrial complex I and II inhibition in human platelets*. 14th Conference on Mitochondrial Physiology, Mitochondrial function: changes during life cycle and in noncommunicable diseases, MiP2019/MitoEAGLE, 13-16 October 2019, Belgrade, Serbia, Abstract Book, p64
5. The National Conference of Working Groups of Romanian Society of Cardiology, 16-18 May 2019, Sibiu, Romania.

6. Romanian National Congress of Cardiology, 57th edition, 19-22 September 2018, Sinaia, Romania.
7. Romanian National Congress of Cardiology, 56th edition, 20-23 September 2017, Sinaia, Romania.
8. "Videolaryngoscopy" Workshop, during the XIXth International Congress for Medical Students and Young Doctors "Medis Timisoara 2016", March 3-6, 2016
9. **Mitroi AM**, Sturza A, Muntean DM. *Modulation of Vascular Reactivity by Novel Benzopyran Analogues - An Experimental Study*. The XIXth International Congress for Medical Students and Young Doctors MEDIS, March 3-6, 2016, Timișoara, Romania, MEDIS Timișoara Abstracts's Journal nr. VIII 2016;P.S.13: 96, ISSN 1843-9128
10. First Edition of "Malpraxis" Conference in Timisoara, 19-20 November 2015
11. Advanced Research Workshop "Translational Research In Mitochondria Disease", Timișoara, 16 October 2015
12. National Anesthetic, Intensive and Emergency Medicine Guides and Protocols Course in Timisoara, 13th edition, 8-10 October 2015, Timisoara, Romania International Congress for Medical Students and Young Doctors - Congressis, "Grigore T. Popa" University of Medicine and Pharmacy, Iasi, 2-5 April 2015
13. Timisoara Medical Education Days, 3rd Edition, "Victor Babeș" University of Medicine and Pharmacy, Timișoara, 24-26 March 2014
14. "Personalized Medicine" Workshop, Faculty of Medicine, University of Szeged, Hungary, 29 August 2014
15. "Students as Peer - Teachers and Mentors, A Workshop on Contemporary Educational Methods", "Victor Babeș" University of Medicine and Pharmacy, Timișoara, 21 November 2013
16. Burtea AM, Istratoaie BI, **Mitroi AM**, Golgot IM, Dragan S. *Correlations between inflammatory markers, carotid intima-media thickness and subclinical organ target damage in hypertensive patients*. The National Congress for Medical Students and Young Doctors, 17th edition, 4-8 December 2013, Bucharest, Romania., Abstracts's Journal, p. 102
17. **Mitroi AM**, Golgot IM, Burtea AM, Istratoaie BI. *Correlations between serum uric acid levels and kidney disease in hypertensive patients*. The National Congress for Medical Students and Young Doctors, 17th edition, 4-8 December 2013, Bucharest, Romania., Abstracts's Journal, p. 146

Publications

1. **Bețiu AM**, Chamkha I, Gustafsson E, Meijer E, Avram VF, Åsander Frostner E, Ehinger JK, Petrescu L, Muntean DM, Elmér E. Cell-Permeable Succinate Rescues Mitochondrial Respiration in Cellular Models of Amiodarone Toxicity. *Int J Mol Sci*. 2021 Oct 29;22(21):11786; **IF: 5.9**
2. **Bețiu AM**, Noveanu L, Hâncu IM, Lascu A, Petrescu L, Maack C, Elmér E, Muntean DM. Mitochondrial Effects of Common Cardiovascular Medications: The Good, the Bad and the Mixed. *Int J Mol Sci*. 2022;23(21):13653; **IF:6.2**

Lista lucrărilor științifice

Articole ISI:

1. **Bețiu AM**, Chamkha I, Gustafsson E, Meijer E, Avram VF, Åsander Frostner E, Ehinger JK, Petrescu L, Muntean DM, Elmér E. *Cell-Permeable Succinate Rescues Mitochondrial Respiration in Cellular Models of Amiodarone Toxicity*. **Int J Mol Sci**. 2021 Oct 29;22(21):11786
2. **Bețiu AM**, Noveanu L, Hâncu IM, Lascu A, Petrescu L, Maack C, Elmér E, Muntean DM. *Mitochondrial Effects of Common Cardiovascular Medications: The Good, the Bad and the Mixed*. **Int J Mol Sci**. 2022;23(21):13653;

Lucrări în volumele conferințelor internaționale:

1. **Bețiu AM**, Asander Frostner E, Ehinger J, Petrescu L, Muntean DM, Elmer E. *Cell-permeable succinate improves amiodarone-induced mitochondrial complex I and II inhibition in human platelets*. 14th Conference on Mitochondrial Physiology, Mitochondrial function: changes during life cycle and in noncommunicable diseases, MiP2019/MitoEAGLE, 13-16 October 2019, Belgrade, Serbia, Abstract Book, p64

Lucrări în volumele conferințelor naționale:

1. **Bețiu AM**, Chamkha I, Avram VF, Åsander Frostner E, Ehinger J, Muntean DM, Petrescu L, Elmér E. *Amiodarone-induced mitochondrial dysfunction is improved by a cell-permeable succinate in human platelets*. Prezentare orală la Timișoara Inspo Advanced Research; on-line, 19 martie 2021
2. **Bețiu AM**, Åsander Frostner E, Ehinger J, Petrescu, Elmér E, Muntean DM. *Assessment of amiodarone toxicity by high-resolution respirometry in human platelets*. Poster la Congresul Național de Cardiologie, on-line, 16-19 septembrie 2020
3. **Bețiu AM**, Asander Frostner E, Ehinger J, Petrescu L, Muntean DM, Elmer E. *Amiodarone-induced mitochondrial respiratory dysfunction is alleviated by cell-permeable succinate in human platelets*. Poster la Sesiunea științifică a Școlilor Doctorale UMF „Victor Babeș” din Timișoara Medicină-Farmacie și Medicină Dentară și a Academiei de Științe Medicale, cu ocazia Zilelor Universității de Medicină „Victor Babeș” Timișoara, 11 decembrie 2019

Timisoara, 10.11.2022

Alina Maria Bețiu