

CURRICULUM VITAE

PERSONAL INFORMATION Anca Mihaela Bîcă (Lungu)



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PROFESSIONAL EXPERIENCE

01.10.2025- present Specialist in Obstetrics and Gynecology, "Bega" University Clinic of Obstetrics and Gynecology, Pius Brînzeu County Emergency Clinical Hospital, 12 Victor Babeş Boulevard, Timișoara, Timiș

01.09.2025-present Assistant Professor – Department of Obstetrics and Gynecology at the Victor Babeş University of Medicine and Pharmacy in Timișoara (UMFVBT), Romania

21.01.2025 – 31.08.2025 Specialist in Obstetrics and Gynecology – Ingolstadt Klinikum, Germany

18.07.2024- Specialist in Obstetrics and Gynecology based on the April 2024 Specialty Examination

01.04.2024-20.01.2025 Resident Physician in Obstetrics and Gynecology – Ingolstadt Klinikum, Germany

1.01. 2017 – 31.03.2023 Resident Physician in Obstetrics and Gynecology – Timișoara County Emergency Clinical Hospital

18.09.2017-18.09.2022 Assistant professor – Department of Physiopathology at the Victor Babeş University of Medicine and Pharmacy in Timișoara (UMFVBT), Romania

12.10.2016 Associate Assistant Drd. Department of Physiopathology at the Victor Babeş University of Medicine and Pharmacy in Timișoara

2013–2016 Teaching tutor for the VADA program in the Department of Physiopathology at the Victor Babeş University of Medicine and Pharmacy in Timișoara

Certificate No.: 3 of 24.06.2016 according to volunteer contract No. 16586/28.12.2015

EDUCATION AND TRAINING

July 18, 2024 Specialist in Obstetrics and Gynecology, OM 3897/July 16, 2024, based on the exam taken in the April 2024 session, graduation average 9.56

2016 - 2022 Doctor of Medicine – Summa cum laude OM 6275/21.11.2022, No. 614/03.03.2023

Thesis entitled: *CONTRIBUTIONS TO ELUCIDATING THE ROLE OF MITOCHONDRIAL DYSFUNCTION IN OBSTETRIC PATHOLOGY*, supervised by Prof. Muntean M. Danina, PhD, and conducted at the Center for Translational Research and Systems Medicine. Victor Babeş University of Medicine and Pharmacy, Timișoara

2017– 2018 Department for Teacher Training, Level I and Level II
Graduated with a grade of ten

2010–2016 Doctor of Medicine

Victor Babeş University of Medicine and Pharmacy in Timișoara, Timisoara (Romania)

- Graduation average: 9.84

- Average grade on the licentiate exam: 9.94

2006 High school diploma, series Y, No. 0031174/09.07.2010

Nikolaus Lenau Theoretical High School, Timișoara

-Graduation average: 9.65

- Average grade on the baccalaureate exam: 9.57

2010 Deutsches Sprachdiplom der Kultusministerkonferenz- Zweite Stufe
Level C1

PERSONAL SKILLS

Native language: Romanian

Other foreign languages	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	Participation in conversation	Oral discourse	
German	C1	C1	C1	C1	C1
German Language Diploma					
English	B2	B2	B2	B2	B2

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

Communication skills - good speaker

- ability to convey information in a creative way
- empathy

Organizational/managerial skills - leadership
- Organizational skills

Participation in academic activities:

Postgraduate courses and summer schools: lecturer

1. "Chronic diseases: current aspects of pathophysiology, diagnosis, monitoring, and treatment," Postgraduate course, March 3-19, 2022, online
2. "Current developments in laboratory and paraclinical diagnosis: from biomarkers to algorithms", Postgraduate course, 02-12.02.2022, online
3. "Current developments in pathophysiology, diagnostic markers, and cardiovascular risk in diabetes mellitus and chronic kidney disease," Postgraduate course, March 18-29, 2021, online
4. "Biomarkers in chronic diseases: pathophysiological and clinical aspects", Postgraduate course, 04-16.03.2021, online
5. "Physiopathological and clinical aspects in chronic diseases", Postgraduate course, June 11-21, 2020
6. "Basic practical techniques in medicine" Workshop, March 2-4, 2018, Timișoara
7. Summer School "School of Gynecology", lecturer, September 3-9, 2017, Oradea

Supervised bachelor's theses

1. Characterization of platelet mitochondrial dysfunction: a pilot study in patients with and without preeclampsia, student Meseșan Denisa, 2022
2. Assessment of placental mitochondrial dysfunction in patients with preeclampsia, student Adina Lința, 2022
3. Modulation of platelet mitochondrial respiratory function: pilot study in patients with sepsis, student Dan Furmanek, 2022

International scientific events:

1. ESGO's 27th European Gynaecological Oncology Congress, Copenhagen, Denmark, February 26-28, 2026
2. The^{8th} European Section Meeting of the International Academy of Cardiovascular Sciences, Szeged, Hungary, September 28-October 1, 2022
3. 30th Anniversary of the ISP, Centre of Experimental Medicine Slovak Academy of Sciences, Bratislava, Slovakia, November 29-30, 2021, online
4. ^{23rd}International Conference on Oxidative Stress Reduction, Redox Homeostasis & Antioxidants, Paris, October 13-15, 2021, online

5. The 7th Meeting of the European Section and 8th Meeting of the North American Section of the International Academy of Cardiovascular Sciences, Banja Luka, Serbia, September 20-23, 2021, online
6. The 6th European Section Meeting of the International Academy of Cardiovascular Sciences, Vrnjacka Banja, Serbia, September 11-14, 2019.

National scientific events with international participation:

1. Conference "The 17th annual meeting of the Egon and Diczfalusy Foundation," November 14-15, 2025, Timișoara
2. Modern Concepts in Endometriosis and Gynecological Surgery, Fetal Medicine and Infertility, September 20-22, 2019, Timisoara
3. National Conference of the Romanian Society of Physiopathology, September 4-7, 2019, Târgu-Mureș
4. "Modern Concepts in Gynecology, Fetal Medicine, and Infertility," June 1-3, 2018, Timișoara
5. Conference "The 11th Annual Meeting of the Egon and Diczfalusy Foundation," October 5-6, 2017, Orăștie
6. The 9th DKMT Conference of Obstetrics and Gynecology, October 6-7, 2017, Orăștie
7. Conference and Advanced Research Workshop "Sudden Cardiac Death & Cardioprotection", Timișoara, September 6-9, 2012.

National scientific events:

1. The 4th National Congress of Minimally Invasive Surgery in Gynecology, November 12-13, Timișoara
2. Annual Days of the National Institute for Mother and Child Health "Alessandrescu-Rusescu", December 9-11, 2021, online
3. Timisoara INSPO Advanced research, March 19, 2021, online
4. 13th National Congress of the Romanian Society of Physiology, October 22-24, 2020, online webinar
5. Days of the Victor Babeș University of Medicine and Pharmacy, Timișoara, December 11, 2019, poster
6. "Updates in Vaginal and Laparoscopic Gynecological Surgery", November 9–10, 2018, Timisoara

Participation in postgraduate courses, summer schools, and workshops:

1. Basic Course in Gynecological Laparoscopic Surgery, November 11-12, 2024, Munich
2. Postgraduate course "Endocrine infertility", 9-10 March 2018, Timisoara
3. JPEMS Alumni Summer School on "Surgery, surgical skills," August 22-24, 2016, Szeged;
4. National Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine, Timișoara, October 8-10, 2015

5. Advanced Research Workshop "Translational Research in Mitochondrial Disease," Timișoara, October 16, 2015;
6. Summer School "The Study of the Liver, The Liver from Function to Dysfunction," July 14-19, 2014, Timișoara
7. Workshop "Students as Peer-Teachers and Mentors. A workshop on Contemporary Educational Methods" during eMediqual Closing Conference, November 21, 2013
8. Summer Course "The Urinary System: Malpighi in 2013," July 15-20, 2013, Timișoara
9. Workshop for students "The standardized patient" during Timișoara Medical Education days, April 17, 2013
10. Summer Course "From Molecule to Therapy in the Evaluation of Respiratory Allergic Syndromes," July 9-16, 2012, Timișoara
11. "Student's Symposium eMediqual 2012," Timișoara, April 20-21, 2012

Development of teaching materials:

1. *Practical Guide to Clinical Physiopathology* - Coord. Danina Muntean; Authors Lavinia Noveanu, Adrian Sturza, Oana Duicu, Maria Dănilă, Contributors: Ana Lascu, Mihaela Mariș Theia Lelcu, **Anca Lungu**, Vlad Avram, Mihaela Ionică, Victor Babeș Publishing House, Timișoara, 2016, ISBN 978-606-786-019-1

LIST OF SCIENTIFIC WORKS

ISI articles:

1. Anglitoiu, A.; Abu-Awwad, A.; Anglitoiu, B.; Gurgus, D.; Pop, D.; **Bina, A.M.**; Popa, Z.L.; Sandesc, M.A.; Abu-Awwad, S.-A. Sexual Dimorphism and Age-Related Structural Changes in the Human Larynx: A Morphometric Study with Histological Correlates Relevant to Voice and Diagnostic Assessment. *Diagnostics* 2026, 16, 725. IF 3.3
2. Popa GM, Abu-Awwad SA, Abu-Awwad A, Marta CI, Bimbo-Szuhai E, Bontea MG, Osiceanu AG, **Bina AM**, Cezar CMM, Puscas CD, Botea MO. *Intravenous Lidocaine for Postoperative Pain and Recovery After Robotic Prostate Adenectomy: A Retrospective Observational Cohort Study*. *Medicina (Kaunas)*. 2025 Nov 16;61(11):2045. doi: 10.3390/medicina61112045. PMID: 41303881; PMCID: PMC12654583. IF 2.4
3. Mihaela-Roxana G, Theia SL, Oana-Maria A, **Anca-Mihaela B**, Vlad-Florian A, Lavinia B, Florica G, Adrian V, Adrian S, Ligia P, Mirela-Danina M. *Impairment of platelet mitochondrial respiration in patients with chronic kidney disease with and without diabetes*. *Mol Cell Biochem*. 2025 Aug;480(8):4745-4755. doi: 10.1007/s11010-025-05280-5. Epub 2025 Apr 12. PMID: 40220191; PMCID: PMC12316832. IF 3.7
4. Aburel OM, Brăescu L, Buriman DG, Merce AP, **Bînă AM**, Borza C, Mornoș C, Sturza A, Muntean DM. *Methylene blue reduces monoamine oxidase expression and oxidative stress in human cardiovascular adipose tissue*. *Mol Cell Biochem*. 2025 Apr;480(4):2413-2421. doi: 10.1007/s11010-024-05092-z. Epub 2024 Aug 21. PMID: 39167271; PMCID: PMC11961462. IF 3.7

5. Popa, Z.L.; Margan, M.-M.; Bernad, E.; Stelea, L.; Craina, M.; Ciuca, I.M.; **Bina, A.M.** *A Cross-Sectional Analysis of Paternal Intimacy Problems, Stress Levels, and Satisfaction from Families with Children Born with Mucoviscidosis*. International Journal of Environmental Research and Public Health, November 14, 2022, vol. 19, issue 22 <https://doi.org/10.3390/ijerph192215055> FI: 4.614
6. Zoran Laurentiu Popa, Madalin-Marius Margan, Izabella Petre, Elena Bernad, Lavinia Stelea, Veronica Daniela Chiriac, Marius Craina, Ioana Mihaela Ciuca, **Anca Mihaela Bina**. *A Cross-Sectional Study of the Marital Attitudes of Pregnant Women at Risk for Cystic Fibrosis and Psychological Impact of Prenatal Screening*. International Journal of Environmental Research and Public Health, July 15, 2022, vol. 19, issue 14:8698 doi.org/10.3390/ijerph19148698 . IF: 4.614
7. **Bîcă AM**, Sturza A, Iancu I, Mocanu AG, Bernad E, Chiriac DV, Borza C, Craina ML, Popa ZL, Muntean DM, Crețu OM. *Placental oxidative stress and monoamine oxidase expression are increased in severe preeclampsia: a pilot study*. Molecular and Cellular Biochemistry, June 13, 2022, Volume 477, issue 12, pp. 2851–2861 [doi: 10.1007/s11010-022-04499-w](https://doi.org/10.1007/s11010-022-04499-w). FI: 3.842
8. **Bîcă AM**, Aburel OM, Avram VF, Lelcu T, Lința AV, Chiriac DV, Mocanu AG, Bernad E, Borza C, Craina ML, Popa ZL, Muntean DM, Crețu OM. *Impairment of mitochondrial respiration in platelets and placentas: a pilot study in preeclamptic pregnancies*. Molecular and Cellular Biochemistry, April 7, 2022, Volume 477, issue 7, pp. 1987–2000 [doi: 10.1007/s11010-022-04415-2](https://doi.org/10.1007/s11010-022-04415-2). FI: 3.842
9. Lelcu T, **Bîcă AM**, Dănilă MD, Popoiu CM, Aburel OM, Arghirescu ST, Borza C, Muntean DM. *Assessment of Platelet Mitochondrial Respiration in a Pediatric Population: A Pilot Study in Healthy Children and Children with Acute Lymphoblastic Leukemia*. Children (Basel). 2021 Dec 17; vol 8 issue 12:1196. [doi: 10.3390/children8121196](https://doi.org/10.3390/children8121196). IF: 2.835
10. Vlad Florian Avram, **Anca Mihaela Bîcă**, Alexandra Sima, Oana Maria Aburel, Adrian Sturza, Ovidiu Burlacu, Romulus Zorin Timar, Danina Mirela Muntean, Eskil Elmér, Octavian Marius Crețu, *Improvement of Platelet Respiration by Cell-Permeable Succinate in Diabetic Patients Treated with Statin*, Life, 2021 Mar 28; volume 11 issue 4:288. [doi: 10.3390/life11040288](https://doi.org/10.3390/life11040288) IF 3.253
11. Loredana N Ionică, Laura Gaiță, **Anca M Bîcă**, Raluca Soșdean, Rodica Lighezan, Alexandra Sima, Daniel Malița, Octavian M Crețu, Ovidiu Burlacu, Danina M Muntean, Adrian Sturza *Metformin alleviates monoamine oxidase-related vascular oxidative stress and endothelial dysfunction in rats with diet-induced obesity*, Molecular and Cellular Biochemistry, July 3, 2021, vol. 46, issue 11, pp. 4019-4029 [doi: 10.1007/s11010-021-04194-2](https://doi.org/10.1007/s11010-021-04194-2) FI: 3.842
12. Cristina E. Savencu, Adina Lința, Gianina Farcaș, **Anca M. Bîcă**, Octavian M. Crețu, Daniel C. Malița, Danina M. Muntean, Adrian Sturza, *Impact of Dietary Restriction Regimens on Mitochondria, Heart and Endothelial Function - A Brief Overview*, Frontiers in Physiology 2021 Vol. 12, DOI: [10.3389/fphys.2021.768383](https://doi.org/10.3389/fphys.2021.768383), FI 4.755
13. Merce AP, Ionică LN, **Bîcă AM**, Popescu S, Lighezan R, Petrescu L, Borza C, Sturza A, Muntean DM, Crețu OM. *Monoamine oxidase is a source of cardiac oxidative stress in obese rats: the beneficial role of metformin*. Molecular and Cellular Biochemistry. 2022 Jun 20. [doi: 10.1007/s11010-022-04490-5](https://doi.org/10.1007/s11010-022-04490-5). Epub ahead of print. PMID: 35723772. FI: 3,842

BDI articles:

1. **Bîă, AM**, Anechitei AI, Lelcu T, Lița AV, Chiriac DV, Mocanu AG, Bernad E, Popa ZL, Craina ML, Muntean DM, Borza C, Crețu OM. *Assessment of systemic oxidative stress in preeclampsia*. Serbian Journal of Experimental and Clinical Research, vol. 23, no. 1, 2022, pp. 45-50. <https://doi.org/10.2478/sjecr-2022-0010>
2. Merce AP, Buriman DG, Lascu A, **Bîă 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 issue 3; pp. 201-207, doi: 10.2478/sjecr-2022-0070.
3. Merce AP, **Bîă AM**, Avram VF, Buriman DG, Lascu A, Feier HB, Petrescu L, Muntean DM, Elmer E, Crețu OM. *Cell-Permeable Succinate Improves Platelet Respiration in Patients Undergoing Cardiopulmonary Bypass: A Pilot Study*. Timișoara Medical Journal 2022 vol. 2, issue 2; doi:10.35995/tmj20220202.
4. Theia Lelcu, **Anca-Mihaela Bîă**, Vlad-Florian Avram, Smaranda-Teodora Arghirescu, Claudia Borza, Mirela-Danina Muntean, *Permeable Succinate Improved Platelet Mitochondrial Respiration in Pediatric Acute Lymphoblastic Leukemia in Remission – Case Report*, Scripta Medica 2022; vol 53 No 1, pp. 89-94, DOI:10.5937/scriptamed53-37038

Abstracts in ISI journals:

1. Sturza, A.; **Bina, A.**; Ionica, L.N.; Hancu, I.; Borza, C.; Muntean, D.M. Monoamine oxidase inhibitors attenuate the vascular hyperglycemic memory in diabetic mice. *Journal of Molecular and Cellular Cardiology* **2022**, 173, 159, doi:10.1016/j.yjmcc.2022.08.312.
2. Buda, V.O.; **Bina, A.**; Minda, D.; Danciu, C.; Dehelean, C.A.; Muntean, D.M.; Sturza, A. Assessment of dose-dependent vasculoprotective effects of aronia extracts in mice aorta. *Journal of Molecular and Cellular Cardiology* 2022, 173, 124-125, doi:10.1016/j.yjmcc.2022.08.243.
3. Merce, A.; Ionica, L.N.; **Bina, A.**; Sosdean, R.; Petrescu, L.; Buriman, D.; Feier, H.; Sturza, A.; Muntean, D.M. Mitigation of monoamine oxidase-related endothelial dysfunction by antidiabetic medication in human mammary arteries. *Journal of Molecular and Cellular Cardiology* 2022, 173, 159-160, doi:10.1016/j.yjmcc.2022.08.313.
4. Adrian Sturza, **Anca M. Bina**, Raluca Sosdean, Simona Popescu, Loredana Ionica, Claudia Borza, Danina Muntean, *Monoamine oxidase contributes to the metabolic memory in diabetic mice*, Archives of Cardiovascular Diseases Supplements, Volume 14, Issue 2, 2022, Page 156, ISSN 1878-6480, <https://doi.org/10.1016/j.acvdsp.2022.04.144>.
5. 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>.

Abstracts in international conference proceedings:

1. **Anca M. Bîă**, Adrian Sturza, Oana M. Aburel, Elena Bernad, Claudia Borza, Zoran L. Popa, Marius L. Craina, Danina M. Muntean *Placental mitochondrial respiration and monoamine oxidase expression are increased in atypical severe preeclampsia: a case presentation*, poster,

- 28.09-01.10.2022, The 8th European Section Meeting of the International Academy of Cardiovascular Sciences, Szeged, Hungary, Abstract book p 68.
2. **Anca M. Bîănă**, Oana M. Aburel, Adrian Sturza, Adelina G. Mocanu, Dana Chiriac, Elena Bernad, Claudia Borza, Zoran L. Popa, Marius L. Craina, Danina M. Muntean, *Evaluation of mitochondrial dysfunction and oxidative stress in the setting of preeclampsia*, oral presentation, November 29-30, 2021, 30th Anniversary of the ISP, online event, Abstract book p 7
 3. **Anca M BÎNĂ**, Oana M ABUREL, Adina LINȚA, Sorina CHELU, Zoran L. POPA, Marius L. CRAINA, Danina M MUNTEAN, Claudia BORZA, *Assessment of systemic and placental oxidative stress: a pilot study in preeclampsia*, poster presentation, 23rd International Conference on Oxidative Stress Reduction, Redox Homeostasis & Antioxidants, October 13-15, 2021, Paris, online event, Abstract book p 62
 4. **Anca M Bîănă**, Theia Lelcu, Adina Lința, Vlad F Avram, Oana M Aburel, Claudia Borza, Zoran L Popa, Marius L Craina, Danina M Muntean , *Platelets and placenta mitochondria respiration is impaired in preeclampsia*, oral presentation, The 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, 20-23 September 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021, p. 10th Meeting of North American Section of the International Academy of Cardiovascular Sciences, September 20-23, 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.13, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)
 5. **Bîănă AM** , Lelcu T, Avram VF, Aburel OM, Popa Z, Craina M, Muntean DM. *Assessment of platelet respiratory function in preeclampsia* – poster at The 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences, September 11-14, 2019, Vrnjacka Banja, Serbia. Abstract book, p.149, ISBN: 978-86-7760-136
 6. Alexandru Tămaș, Supervisors: **Bîănă M. Anca**, Muntean M. Danina, *Cell-permeable succinate alleviates platelet respiratory dysfunction in both moderate and severe covid-19* - Annual Student Research (TDK) Conference on Medicine, November 16-18, 2022, Szeged
 7. Paul Bîănă, Radu N. Burghilea, **Anca M. Bîănă**, Anca Paraschivoiu, Ovidiu Bedreag, Dorel Săndesc, Claudia Borza, Adrian Neagu, Octavian M. Crețu, Danina M. Muntean, *Cell-permeable succinate rescues platelet mitochondrial respiration in COVID-19 patients*, poster, September 28-October 1, 2022, The 8th European Section Meeting of the International Academy of Cardiovascular Sciences, Szeged, Hungary, Abstract book p. 69.
 8. Oana-Maria Aburel, Adrian P. Merce, Laurentiu Braescu, **Anca-Mihaela Bîănă**, Cristian Mornos, Adrian Sturza, Claudia Borza, Danina M. Muntean, *Targeting mitochondria with methylene blue in human epicardial adipose tissue*, oral presentation, September 28–October 1, 2022, The 8th European Section Meeting of the International Academy of Cardiovascular Sciences, Szeged, Hungary, Abstract book p 57.
 9. Lința Adina – Valentina, Supervisors: **Bîănă M. Anca**, Muntean M. Danina, *Impairment of placental mitochondrial respiration in preeclampsia associated with fetal growth restriction*, oral presentation, Annual Student Research (TDK) Conference on Medicine, November 17-19, 2021, Szeged
 10. Adrian Sturza, Adrian P Merce, Loredana N Ionică, Laura Gaiță, **Anca M Bîănă**, Raluca Sosdean, Claudia Borza, Danina M Muntean, *Metformin mitigates monoamine oxidase-related cardiac oxidative stress in rats with induced obesity*, poster, 23rd International Conference on Oxidative Stress Reduction, Redox Homeostasis & Antioxidants, October 13-15, 2021, Paris, online event, Abstract book p 71

11. Adrian Sturza, Adrian P Merce, Loredana N Ionică, **Anca M Bîcă**, Danina M Muntean, *The Monoamine Oxidases are Sources of Cardiac Oxidative Stress in Obesity and Prediabetes*, oral presentation, 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, September 20-23, 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.15, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)
12. Paul Bina, Vlad Florin Avram, **Anca-Mihaela Bina**, Oana Aburel, Radu Burghelea, Claudia Borza, Adrian Neagu, Elmer Eskil, Mirela Muntean Danina, *Platelet Respiration Is Impaired in Patients With Sepsis and Rescued by Cell Permeable Succinate: a Pilot Study*, oral presentation, 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, September 20-23, 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.15, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)
13. Adrian P Merce, **Anca M Bina**, Darius G Burimam, Vlad F Avram, Horea B Feier, Claudia Borza, Eskil Elmer, Danina M Muntean, *Cell-Permeable Succinate Improves Platelet Respiration in Patients Undergoing Cardiopulmonary Bypass: a Pilot Study*, oral presentation, 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, 20-23 September 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.15, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online) 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences, September 20-23, 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.96, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)
14. Mihaela-Roxana Patruica, **Anca Bîcă**, Vlad F Avram, Florica Gadalean, Adrian Vlad, Lavinia Balint, Silvia Ienciu, Carmen Socaciu, Ligia Petrica, Danina M Muntean, *Impairment of Platelet Mitochondrial Respiration in Patients With Non-Diabetic Chronic Kidney Disease: a Pilot Study*, oral presentation, 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, 20-23 September 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.97, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)
15. Ligia Petrica, Mihaela Roxana Patruica, **Anca Bîcă**, Vlad F Avram, Florica Gadalean, Adrian Vlad, Victor Dumitrascu, Daliborca Vlad, Roxana Popescu, Flaviu Bob, Petru Matusz, Dragos Catalin Jianu, Sorin Ursoniu, Danina M Muntean, *Platelet Mitochondrial Respiration is Altered in the Early Stages of Diabetic Kidney Disease: a Pilot Study*, oral presentation, 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, September 20-23, 2021, Banja Luka, Serbia. Abstract book, Scripta Medica 2021;52 Suppl 1, p.98, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)
16. Lelcu T, **Bîcă AM**, Avram VF, Aburel OM, Borza C, Arghirescu S, Muntean DM. *Assessment of Platelet Respiration in Blood Malignancies: A Pilot Study in Children and Adults* – oral presentation at The 14th Conference on Mitochondrial Physiology "Mitochondrial function: changes during life cycle and in noncommunicable diseases", October 13-16, 2019, Belgrade, Serbia. Abstract book p. 76-77.
17. Lelcu T, **Bîcă AM**, Avram VF, Aburel OM, Borza C, Arghirescu S, Muntean DM. *Impairment of Platelet Respiration As Early Biomarker of Hematologic Malignancies* – poster at The 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of

Cardiovascular Sciences, September 11-14, 2019, Vrnjacka Banja, Serbia. Abstract book, p.195, ISBN: 978-86-7760-136-2.

Abstracts in the volumes of national conferences with international participation:

1. **Bînă AM**, Lelcu T, Avram VF, Aburel OM, Popa Z, Craina M, Muntean DM. *Platelet Respiration Is Impaired In Preeclamptic Pregnancies: A Pilot Study* - poster presentation at the National Conference of the Romanian Society of Physiopathology, September 4-7, 2019, Târgu-Mureş. Acta Medica Marisiensis 2019; vol 65 (suppl 7): p.12-13.
2. Lelcu T, **Bînă AM**, Avram VF, Aburel OM, Arghirescu S, Muntean DM. *Platelet Respiratory Function Is Early Impaired in Blood Malignancies – oral presentation at The^{22nd}Romanian – Hungarian Pediatric Oncology Meeting and the^{14th}Regional Central – Eastern/South – Eastern European Pediatric Onco-Hematology Meeting*, October 17-19, 2019, Bucharest.
3. Lelcu T, **Bînă AM**, Avram VF, Aburel OM., Arghirescu S , Muntean DM. *High-Resolution Respirometry in Human Platelets: Assessment of Mitochondrial Dysfunction in Blood Malignancies – poster presented at the 11th National Conference of the Romanian Society of Physiopathology with international participation*, September 4-7, 2019, Târgu-Mureş. Acta Medica Marisiensis 2019; 65 (7): p.15, ISSN: 2068-3324.

Abstracts in national conference proceedings:

1. **Bînă Anca-Mihaela**, Mocanu Adelina-Geanina, Silaghi Carmen-Ioana, Dahma George, Neamţu Radu-Ionuţ, Gluhovschi Adrian, Bernad Elena-Silvia, Craina Marius-Lucian. *Association of SARS-COV-2 infection with pregnancy: pilot study by the COVID-Bega Maternity Hospital*. Annual Days of the National Institute for Mother and Child Health "Alessandrescu-Rusescu", 9-11 December 2021, Abstract volume
2. **Bînă AM**, Lelcu T, Avram VF, Aburel OM, Popa Z, Craina M, Muntean DM. *Assessment of mitochondrial respiration in preeclamptic placentas*. 13th National Congress of the Romanian Society of Physiology, online webinar event, October 22-24, 2020, Abstract volume.
3. **Bînă AM**, Lelcu T, Aburel OM, Popa Z, Craina M, Muntean DM, *Assessment of mitochondrial respiration in human placenta*, poster - Days of the Victor Babeş University of Medicine and Pharmacy Timişoara, Doctoral Session, December 11, 2019, Timişoara, poster section
4. Avram VF, **Bînă AM**, Åsander Frostner, Ehinger J, Elmér E, Timar R.Z, Muntean D.M. *Mitochondrial Effects Of Atorvastatin In Human Platelets In Health And Disease* - poster presented at the 13th National Congress of the Romanian Society of Physiology, online event, October 22–24, 2020, Abstract volume
5. Lelcu T, **Bînă AM**, Aburel OM., Arghirescu S, Borza C., Muntean D. *Platelet Respiration Is Early Impaired In Adults But Not Children With Hematological Malignancies*, poster - Days of the Victor Babeş University of Medicine and Pharmacy Timişoara, Doctoral Session, December 11, 2019, Timişoara - AWARD in the POSTERS section
6. Lelcu T, **Bînă AM**, Avram VF, Duicu OM., Arghirescu S, Muntean DM. *High-Resolution Respirometry in Human Platelets: Comparison of Two Protocols for the Assessment of Mitochondrial Dysfunction in Hematologic Malignancies – oral presentation at the 31st*

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