

CURRICULUM VITAE

Personal Information

Anca Mihaela Bîănă(Lungu)



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Date of birth: 08/10/1991

PROFESSIONAL EXPERIENCE

18.09.2017- present Assistant professor Pathophysiology, Department III Functional sciences „Victor Babeș” Timișoara

1.01.2017-present Medical resident in Obstetrics and Gynecology

12.10.2016 Associate assistant professor Pathophysiology, Department III Functional sciences

2013–2016 Student tutor in the Pathophysiology practical laboratories of “Victor Babeș” University of Medicine and Pharmacy in Timișoara
Certificate number 3/24.06.2016
According to volunteer contract number nr 16586/28.12.2015

EDUCATION AND FORMATION

**2017-2018 Psychopedagogy Programe – Level I
Psychopedagogy Programe – Level II**
„Universitatea de Vest” Timișoara, Timișoara, România

2016- prezent PhD Student *Contributions to the elucidations of the role of mitochondrial dysfunction in obstetric pathology-* under the leadership of professor dr. Danina Muntean “Victor Babeș” University of Medicine and Pharmacy in Timișoara

2010–2016 Medical Doctor
“Victor Babeș” University of Medicine and Pharmacy in Timișoara (România)
Graduation grade average: 9,84
Grade in the License exam: 9,94

2006–2010 Bacalaureat Diploma, seria Y, Nr.0031174/09.07.2010

Liceul Teoretic „Nikolaus Lenau” Timișoara

- Graduation grade average: 9,65

-Bacalaureat grade average: 9,57

2010 Deutsches Sprachdiplom der Kultusministerkonferenz- Zweite Stufe
Niveau C1

PERSONAL COMPETENCE

Maternal language: romanian

Other foreign languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Participation in the discussion	Conversation	
German	C1	C1	C1	C1	C1
Deutsches Sprachdiplom					
English	B2	B2	B2	B2	B2

NLevels: A1/A2: Elementary user - B1/B2: Independent user - C1/C2: Experienced user
European common reference card for foreign languages

Communication abilities -good communication skills
-decision making
-empathic

Management/Organizational abilities -leadership
-organizational spirit

ISI Articles:

1.Lelcu T, **Bîna 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;8(12):1196.
doi: 10.3390/children8121196.

2. Vlad Florian Avram , **Anca Mihaela Bîna**, 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;11(4):288. doi: 10.3390/life11040288

3. Loredana N Ionică, Laura Gaiță, **Anca M Bîină**, 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, 2021 Jul 3. doi: 10.1007/s11010-021-04194-2

4. Cristina E. Savencu, Adina Lința, Gianina Farcaș, **Anca M. Bîină**, 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 Nov 17

Participation in academic events:

Postgraduate Courses and summer schools - lecturer:

1. “Actualități în diagnosticul de laborator și paraclinic: de la biomarkeri la algoritmi”, Curs postuniversitar, 02-12.02.2022, online
2. “Actualitati in fiziopatologia, markerii diagnostici si riscul cardiovascular in diabetul zaharat si boala cronica de rinichi”, Postgraduate Course, 18-29.03.2021, online event
3. “Biomarkeri in afectiunile cornice: aspecte fiziopatologice si clinice”, Postgraduate Course, 04-16.03.2021, online event
4. “Aspecte fiziopatologice și clinice în afecțiunile cronice”, Postgraduate Course, 11-21.06.2020, online event
5. “Tehnici practice de bază în medicină” Workshop, 02.03.2018-04.03.2018, Timișoara
6. Summer school “Școala de Ginecologie”, 03-09 september 2017, Oradea

International scientific events:

1. 30th Anniversary of the ISP, Centre of Experimental Medicine Slovak Academy of Sciences, Bratislava, Slovakia 29-30 November 2021, online event
2. 23rd International Conference on Oxidative Stress Reduction, Redox Homeostasis & Antioxidants, Paris, 13-15 October 2021, online event
3. The 7th Meeting of European Section and 8th Meeting of North American Section of the International Academy of Cardiovascular Sciences, Banja Luka, Serbia, 20-23 September 2021, online event
4. The 6th European Section Meeting of the International Academy of Cardiovascular Sciences, Vrnjacka Banja, Serbia, 11-14 September, 2019.

National scientific events with international participation:

1. Concepte Moderne în Endometrioză și Chirurgie Ginecologică, Medicină Fetală și Infertilitate, 20 - 22 september 2019, Timisoara
2. Națională a Societății Române de Fiziopatologie, 4-7 Septembrie, 2019, Târgu-Mureș
3. “Concepte moderne în Ginecologie, Medicină fetală și Infertilitate” 01-03 june 2018, Timișoara
4. Conferința “The 11th annual meeting of the Egon and Diczfalusy Foundation”, 05-06 october 2017, Orăștie
5. The 9th DKMT Conference of Obstetrics and Gynecology, 06-07 october 2017, Orăștie
6. Conference and Advanced Research Workshop "Sudden Cardiac Death & Cardioprotection", Timișoara, 6-9 september 2012.

National scientific events:

1. Zilele anuale ale Institutului Național pentru Sănătatea Mamei și Copilului “Alessandrescu-Rusescu”, 9-11.12.2021, online
2. Timisoara INSPO Advanced research, 19.03.2021, online event
3. AL XIII-lea Congresul Național al Societății Române de Fiziologie, 22 – 24 october 2020, online webinar event.
4. Zilele Universității de Medicină și Farmacie “Victor Babeș” Timișoara, 11 December 2019, poster presentation
5. “Actualizări în Chirurgia ginecologică vaginală și laparoscopică”, 09-10.11.2018, Timisoara

Participation in postgraduate courses, summer schools and workshops:

1. Postgraduate course “Infertilitatea de cauză endocrină”, 9-10 march 2018, Timișoara
2. JPEMS Alumni Summer School on "Surgery, surgical skills", 22-24 august 2016, Szeged;
3. Cursul Național de Ghiduri și Protocoale în Anestezie, Terapie intensivă și Medicină de Urgență, Timișoara, 8-10 october 2015
4. Advanced Research Workshop "Translational Research in Mitochondria Disease", Timișoara, 16 october 2015;
5. Summer school "Studiul ficatului, Ficatul de la funcție la disfuncție", 14-19 july 2014, Timișoara
6. Workshop "Students as Peer-Teachers and Mentors. A workshop on Contemporary Educational Methods" during eMediqual Closing Conference, 21 november 2013
7. Summer school "Sistemul urinar: Malpighi în 2013", 15-20 july 2013, Timișoara
8. Workshop for students "The standardized patient" during Timișoara Medical Education days, 17 april 2013
9. Summer school "De la moleculă la terapie în evaluarea sindroamelor alergice respiratorii, 9-16 july 2012, Timișoara
10. "Student's Symposium eMediqual 2012", Timișoara, 20-21 april 2012

International Conference papers:

1. **Anca M. Bîină**, 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, 29-30 November 2021, 30th Anniversary of the ISP, online event, Abstract book p 7*
2. **Anca M Bîină**, 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, 13-15 October 2021, Paris, online event, Abstract book p 62*
3. **Anca M Bîină**, 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;52 Suppl 1, p.13, ISSN 2490-3329 (Print) ISSN 2303-7954 (Online)*

4. **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, 11-14 September, 2019, Vrnjacka Banja, Serbia. Abstract book, p.149, ISBN: 978-86-7760-136
5. 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, 17-19 November, 2021, Szeged
6. 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, 13-15 October 2021, Paris, online event, Abstract book p 71
7. Adrian Sturza, Adrian P Merce, Loredana N Ionică, **Anca M Bîănă**, 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, 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)
8. Paul Bina, Vlad Florin Avram, **Anca-Mihaela Bina**, Oana Aburel, Radu Burghilea, Claudia Borza, Adrian Neagu, Elmér 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, 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)
9. Lelcu T, **Bîănă 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”, 13-16 October 2019, Belgrade, Serbia. Abstract book p. 76-77.
10. Lelcu T, **Bîănă 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.

National conference papers with international participation:

1. **Bîănă 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 Conferința Națională a Societății Române de Fiziopatologie, 4-7 September, 2019, Târgu-Mureș. Acta Medica Marisiensis 2019; vol 65 (suppl 7): p.12-13.
2. Lelcu T, **Bîănă AM**, Avram VF, Aburel OM, Arghirescu S, Muntean DM. *Platelet Respiratory Function Is Early Impaired in Blood Malignancies* – prezentare orală la The 22nd Romanian – Hungarian Pediatric Oncology Meeting and the 14th Regional Central – Eastern/South – Eastern European Pediatric Onco-Hematology Meeting, 17-19 october 2019, București.

3. Lelcu T, **Bîcă AM**, Avram VF, Aburel OM., Arghirescu S, Muntean DM. *High-Resolution Spirometry in Human Platelets: Assessment of Mitochondrial Dysfunction in Blood Malignancies* – poster moderat la A 11-a Conferință Națională a Societății Române de Fiziopatologie cu participare internațională, 4-7 septembrie 2019, Târgu-Mureș. Acta Medica Marisiensis 2019; 65 (7): p.15, ISSN: 2068-3324.

National Conference papers:

1. **Bîcă Anca-Mihaela**, Mocanu Adelina-Geanina, Silaghi Carmen-Ioana, Dahma George, Neamțu Radu-Ionuț, Gluhovschi Adrian, Bernad Elena-Silvia, Craina Marius-Lucian. *Asocierea infecției SARS-COV-2 cu sarcina: studiu pilot al Maternității COVID-Bega*. Zilele anuale ale Institutului Național pentru Sănătatea Mamei și Copilului “Alessandrescu-Rusescu”, 9-11.12.202, Volum de rezumate
2. **Bîcă AM**, Lelcu T, Avram VF, Aburel OM, Popa Z, Craina M, Muntean DM. *Assessment of mitochondrial respiration in preeclamptic placentas*. Al XIII-lea Congres Național al Societății Române de Fiziologie, online webinar event, 22 – 24 October 2020, Abstract book.
3. **Bîcă AM**, Lelcu T, Aburel OM, Popa Z, Craina M, Muntean DM, *Assessment of mitochondrial respiration in human placenta*, poster - Zilele Universității de Medicină și Farmacie "Victor Babeș" Timișoara, Sesiunea doctoranzilor, 11 December 2019, Timișoara, poster section
4. Avram VF, **Bîcă 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 moderat la Al XIII-lea Congres Național al Societății Române de Fiziologie, online event, 22 – 24 October 2020, Abstract book
5. Lelcu T, **Bîcă AM**, Aburel OM., Arghirescu S, Borza C., Muntean D. *Platelet Respiration Is Early Impaired In Adults But Not Children With Hematological Malignancies*, poster - Zilele Universității de Medicină și Farmacie "Victor Babeș" Timișoara, Sesiunea doctoranzilor, 11 December 2019, Timișoara - poster
6. Lelcu T, **Bîcă AM**, Avram VF, Duicu OM., Arghirescu S, Muntean DM. *High-Resolution Spirometry in Human Platelets: Comparison of Two Protocols for the Assessment of Mitochondrial Dysfunction in Hematologic Malignancies* – prezentare orală la A 31-a Conferință Națională de Oncologie și Hematologie Pediatrică "Interdisciplinaritate în Oncologia Pediatrică", 9-11 May 2019, Bucharest