

PERSONAL INFORMATION **Ionică Loredana Nicoleta**

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PROFESSIONAL EXPERIENCE

1.11.2022 - to date Resident in Cardiology – Institute of Cardiovascular Diseases Timisoara, RO
 2/11/2021 - 30/10/2022 Resident in Cardiology – mobility abroad (Beziers, Toulouse) FR
 1/01/2019 - 1/11/2021 Resident in Cardiology – Institute of Cardiovascular Diseases Timisoara, RO

01/10/2018 - to date PhD student within the Doctoral School Medicine-Pharmacy of "Victor Babeş" University of Medicine and Pharmacy, Timișoara, RO
 01/10/2018 - 20/05/2020 Associate Assist. Professor, Discipline of Pathophysiology, Department of Functional Sciences, "Victor Babeş" University of Medicine and Pharmacy, Timișoara, RO

20/09/2016–20/05/2018 Volunteer in teaching and scientific research activity (VADA program) Department of Functional Sciences - Pathophysiology , "Victor Babeş" University of Medicine and Pharmacy, Timisoara, Romania
 Certificate number: 63/20.06.2018
 According to the volunteer contract no. 16482/17.11.2016

EDUCATION AND TRAINING

2012-2018 **Medical Doctor, MD**
 "Victor Babes", University of Medicine and Pharmacy, Timisoara, Romania

2008-2012 **Bachelor Diploma**
 "Gib Mihăescu" National High School, Drăgășani, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign languages

	WELCOME		SPEAK		WRITE
	Listening	Read	Participation in the conversation	Oral speech	
English	C1	C1	B2	B2	B2
French	B2	B2	B2	B2	B2

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

Communication skills - good communication and collaboration skills

Organisational/managerial skills - team and organisational spirit

Digital skills

SELF-ASSESSMENT				
Information processing	Communicate	Content creation	Security	Problem solving
Experienced user	Experienced user	Experienced user	Experienced user	Experienced user

Digital competences - Self-assessment grid

ADDITIONAL INFORMATION

Volunteering activities

- 2016 - 2018 – tutor at the Discipline of Pathophysiology, Faculty of Medicine, UMFVBT
- 6-7 May 2016 - volunteering for the organization of the National Congress "Cardiocare" at EMSA

Summer school participations

- 11-16 July 2016 "The Heart - From Function to Dysfunction", organized by the Faculty of Medicine of UMFVBT
- 13-18 July 2015 "Urinary System: Three centuries after Malpighi", organized by the Faculty of Medicine of UMFVBT
- 14-19 July 2014 "The Liver - From Function to Dysfunction", organized by the Faculty of Medicine of UMFVBT

Participation in workshops and trainings

- On-line EM Training First Aid Courses Oradea, 29 August 2020
- Invasive and non-invasive mechanical ventilation course EM Training, First Aid Courses, 7-8 February 2020, Arad
- Advanced Research Workshop "Translational Research in Mitochondria Disease", October 16, 2015, Timisoara, Romania
- 17-18 November 2012 : The 8th Edition of Knots and Sutures organized by SSCR Timisoara

Participation in national and international meetings

- Timisoara "Cardio Culture" Conference, 25-26 October 2019, Timisoara, Romania
- Conference of the Working Groups of Romanian Society of Cardiology, 16-18 May 2019, Sibiu, Romania
- The 10th National Conference of the Romanian Society of Pathophysiology, 7-9 September, 2017, Cluj-Napoca, Romania
- The XXth International Congress for Medical Students and Young Doctors MEDIS, 16-19 March, 2017, Timisoara, Romania
- Conference "Burns not only leave scars" 12-13 March, 2016, Timisoara, Romania
- Malpraxis Conference, November 19-20, 2015, Timisoara, Romania
- Conference "Cerebral Spectroscopy", April 3, 2015, Timisoara, Romania
- World Tuberculosis Day Conference, March 24, 2015, Timisoara, Romania
- World Kidney Day Conference, March 12, 2015, Timisoara, Romania

Member in research projects

Member in the POSTDOC type project "Monoamine oxidase and metabolic memory - repositioning MAO inhibitors as vascular protective agents in diabetes", acronym MAO-DIAB, code 6POSTDOC / 2020, coord. by Assoc. Prof. Adrian Sturza within the Center for tTranslational Research and Systems Medicine – Dept of Pathophysiology – Functional Sciences

Member of scientific/professional societies

- European Society of Cardiology (ESC): 2019 - present
- Romanian Society of Cardiology (RSC): 2019 - present
- Romanian Society of Pathophysiology (SRFP): 2018 - present

LIST OF SCIENTIFIC PUBLICATIONS

Full text papers:

1. 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*. **Mol Cell Biochem.** **2022** Jun 20. doi: 10.1007/s11010-022-04490-5
2. **Ionica L**, Gaita L, Bina AM, Sosdean R, Lighezan R, Sima A, Malita D, O. Cretu, O. Burlacu, DM. Muntean, A. Sturza. *Metformin Alleviates Monoamine Oxidase-Related Vascular Oxidative Stress and Endothelial Dysfunction In Rats With Diet-Induced Obesity*. **Mol Cell Biochem** **2021**; 476(11): 4019-4029.
3. Sosdean R, **Ionica LN**, Merce AP, Muntean DM, Sturza A. *Metabolic Memory in Diabetes – Mechanistic Insights and the Impact of Cardiovascular Medication*, **Rom J Cardiol** **2021**;31(3):511-516
4. **Ionică, L.N.**, Șoșdean R. Pescariu A.S., Momoș C., Muntean D.M., Ionac A., Sturza, A., Luca C.T., Feier H. *Assessment Of Valvular Oxidative Stress In A Young Patient With Primary Mitral Regurgitation*. **Timisoara Med. J** **2021**, 2021(2).

Abstracts:

1. Sturza A, Bina AM, Sosdean R, Popescu S, **Ionica L**, Borza C, Muntean D, *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>.
2. Merce AP, Sturza A, Buriman DG, **Ionica L**, Bina AM, Borza A, Petrescu L, Muntean D, *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>.
3. Șoșdean R, **Ionica LN**, Pescariu SA, Mornos C, Muntean DM, Sturza A, Luca CT, Feier H. *Monoamine oxidase contributes to the valvular oxidative stress in patients with mitral valve regurgitation*, moderated poster at European Society of Cardiology Congress 2021, online; **European Heart Journal** **2021**, 42 (Suppl 1):3337 FI = 29.98
4. Șoșdean R., **L.N. Ionică**, S.A. Pescariu, C. Momoș, D.M. Muntean, A. Ionac, A. Sturza, C.T. Luca, H. Feier. *Relationship between oxidative stress and three-dimensional echocardiographic changes in myxomatous mitral valves with severe regurgitation - a pilot study*, moderated poster at EuroEcho 2021 on-line; **European Heart Journal - Cardiovascular Imaging** **2021**, 23 (Suppl 1) 1332 FI = 6.875
5. **Ionica L**, A. Sturza, D. Muntean. *Metformin improved vascular function and reduced oxidative stress in conditions associated with increased monoamine oxidase expression in rat aortas*. Scientific session of the Doctoral Schools of UMF "Victor Babes" of Timisoara and the Academy of Medical Sciences, on the occasion of the Days of the University of Medicine "Victor Babes" Timisoara, December 11, 2019.
6. **Ionica L.**, R. Sosdean, L. Pascalau, F. Goanta, R. Macarie, C. Mornos, A. Ionac, S. Pescariu. *Late recurrent total atrioventricular block after alcohol septal ablation for hypertrophic obstructive cardiomyopathy*. 58th National Congress of Cardiology, 18-21 September 2019, Sinaia, Romania
7. **Ionica L. N.**, Aburel O., Noveanu L., Muntean D. *Novel insights into vascular protection of metformin in the experimental setting of endothelial dysfunction* - e-poster at The 6th Meeting of European Section and 7th Meeting of North American Section of IACS "Cardiometabolic Diseases: How New Research May Lead to New Cardioprotective Therapies", September 11-14, 2019, Vrnjacka Banja, Serbia. Abstract book, p.235
8. Sturza A, **L. Ionică**, O.M. Aburel, L. Noveanu, D.M. Muntean. *Metformin elicits vasculoprotection against monoamine oxidase-related endothelial dysfunction*. The 11th National Conference with International Participation of the Romanian Society of Pathophysiology, September 4-7, 2019, Târgu-Mureș, Romania, **Acta Medica Marisiensis** **2019**: 65(7):p16, p-ISSN 2068-3324, e-ISSN 2247-6113
9. Privistirescu A., **L. Ionică**, A. Sturza, D. Muntean. *Methylene blue improves vascular function in experimental diabetes*. National Conference of the Romanian Society of Pathophysiology, September 7-9, 2017, Cluj-Napoca, RO.