

## CURRICULUM VITAE

**FURDUI-LINȚA ADINA-VALENTINA**

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## PROFESSIONAL EXPERIENCE

2023 – to date **Assistant Professor**

*Pathophysiology, Department III – Functional Sciences*

“Victor Babeș” University of Medicine and Pharmacy of Timișoara, Romania

2023 – to date **Resident in Endocrinology** admitted through the National Residency

Examination, November 2022 session (Score: 877)

“Pius Brînzeu” County Emergency Clinical Hospital, Timișoara, Romania

2019 – 2022 **Volunteering tutor** within the VADA program at discipline of Pathophysiology at “Victor Babeș” University of Medicine and Pharmacy of Timișoara, Romania

- Volunteer contract number no. 18287/31.10.2019

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## EDUCATION AND FORMATION

2022 – to date **PhD Student**

*Pathophysiology, Department III – Functional Sciences*

“Victor Babeș” University of Medicine and Pharmacy of Timișoara, Romania

2016 – 2022 **Medical Doctor**

“Victor Babeș” University of Medicine and Pharmacy of Timișoara, Romania

- Graduation grade average: 9,69

- Grade in the License exam: 10

2012 – 2016 **Bachelor Diploma**, series Ab, No. 0066089/18.07.2016

“TRAIAN LALESCU” National College, Reșița

- Graduation mark: 9,72

- Bachelor exam grade: 9,73

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## LANGUAGE PROFICIENCY

- Maternal language: Romanian
  - Other foreign languages:
    - English: C2 (Cambridge English Level 3 Certificate in ESOL International (Advanced) – Certificate in Advanced English – Performance at Grade A demonstrates an ability at Level 3 and Council of Europe Level C2)
    - German: A2
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## PERSONAL SKILLS

- Communication abilities: team spirit, good communication skills, empathy
  - Management/Organizational skills: leadership, good organizational skills
  - Digital abilities:
    - Digital Competence Certificate (2016)
    - Professional Competence Certificate – “Competencies in: I. Website Management and Computer Operating Systems Administration; II. Provision of Data Processing Services, including Support Services” (2016)
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## PARTICIPATION IN ACADEMIC EVENTS

### Professional Training:

- January 16-17, 2026: Sexology Masterclass – Continuing Education Course “Women’s Health”, Timișoara, Romania.
- June 29, 2025: Pre-Congress Symposium “Multiparametric Ultrasound Diagnosis for Endocrinologists.”
- December 5-6, 2024: “Sex Hormones and Women’s Health Across Different Ages.”
- April 12-13, 2024: EUROSON School – “Ultrasound: From Basic to Advanced Techniques – Abdominal and Breast Ultrasound,” Timișoara, Romania.
- March 7-9, 2024: “Updates in Endocrine Ultrasound and Elastography,” Timișoara, Romania.
- March 9-11, 2023: “Updates in Endocrine Ultrasound and Elastography,” Timișoara, Romania.

### Conferences and Seminars:

- October 2025: Societatea Română de Fiziopatologie Conference “Pathophysiological Approaches in the Medicine of the Future,” Constanța, Romania. Poster presentation: “*Exploring the Interaction of Endocrine Disruptors with Monoamine Oxidase in the Pathogenesis of Mitochondrial and Endothelial Dysfunction.*”
- June 2025: 31st National Congress of the Societatea Română de Endocrinologie, Timișoara, Romania. Poster presentation: “*Congenital Hypopituitarism with Incomplete Hormone Replacement: Clinical-Endocrinological Implications.*”
- April 2025: 12th National ENDOPEP Congress, Timișoara, Romania.
- December 2024: 5th Edition of the Young Endocrinologists Forum, Sibiu, Romania.
- October 2024: National Congress of the Societatea Română de Fiziopatologie with international participation, Timișoara, Romania. Poster presentation: “*Cardiac Toxicity of Endocrine Disruptors: Unraveling the Mitochondrial Effects of Bisphenols and Phthalates.*”
- September 2024: 26th National Symposium with International Participation “Present and Future in Psychoneuroendocrinology,” Arad, Romania.
- April 2024: 11th National Congress of Pediatric Diabetes, Nutrition and Endocrinology with international participation, Timișoara, Romania.
- October 2023: Congress “Management of Neuroendocrine Disorders from an Ontogenetic Perspective,” Timișoara, Romania. Poster presentation: “*A Rare Cause of Hyperthyroidism – TSH-Secreting Pituitary Macroadenoma (Thyrotropinoma).*”

- October 2023: 9th Conference of the European Section of the International Academy of Cardiovascular Sciences, Timișoara, Romania.
- June 2023: 31st National Congress of the Societatea Română de Endocrinologie, Oradea, Romania.
- June 2023: 10th National Congress of Pediatric Diabetes, Nutrition and Endocrinology with international participation, Timișoara, Romania.
- November 2021: The Annual Undergraduate Research Conference (TDK). Presentation: “*Impairment of Placental Mitochondrial Respiration in Preeclampsia Associated with Fetal Growth Restriction,*” under the supervision of Assistant Professor Dr. Bîcă M. Anca and Professor Dr. Muntean M. Danina.
- August 2021: The Virtual Conference *Redefining Health Professions Education Together*. Pre-Conference Workshop: *Patient Safety – Event Analysis and Learning Assessment*.

### Scientific publications:

- **Furdui-Lința, Adina** & Lolescu, Bogdan & Sturza, Adrian & Muntean, Danina & Sima, Laurențiu & Crețu, Octavian. (2026). The Evolving Landscape of Vitamin D and Endocrine Disruptors: Something Old and Something New. 10.1007/978-3-032-14441-6\_11.
- Sturza, Adrian & **Furdui-Lința, Adina** & Buriman, Darius & Muntean, Danina & Ionică, Loredana & Lighezan, Rodica. (2026). Micronutrient Deficiencies, Oxidative Stress, and Inflammation in Cardiometabolic Pathologies: Three Is a Crowd. 10.1007/978-3-032-14441-6\_9.
- Șoșdean, R; Giuchici S.; Ionică L.; **Furdui-Lința A.**; Sturza A.; Muntean D.; Lighezan D. & Bolli R. (2025). Cardiac Dysfunction and Heart Failure Caused by Cancer Therapy-Induced Cardiotoxicity. In: Agrawal, D.K., Škrbić, R., Stojiljković, M.P., Djuric, D.M. (eds) Cardiovascular Toxicity. Advances in Biochemistry in Health and Disease, vol 33. Springer, Cham. [https://doi.org/10.1007/978-3-031-90598-8\\_2](https://doi.org/10.1007/978-3-031-90598-8_2)
- Ratiu, Sonia & Maris, Mihaela & **Furdui-Lința, Adina** & Sima, Laurențiu & Bratu, Tiberiu & Sturza, Adrian & Muntean, Danina & Crețu, Octavian. (2025). Oxidative Stress in the Pathophysiology of Chronic Venous Disease: An Overview. *Antioxidants*. 14. 989. 10.3390/antiox14080989.
- Ratiu, Sonia & Maris, Mihaela & **Furdui-Lința, Adina** & Stanciu-Lelcu, Theia & Borza, Claudia & Olariu, Sorin & Bratu, Tiberiu & Sturza, Adrian & Muntean, Danina. (2025). Vitamin D alleviates oxidative stress in varicose veins: a pilot study in obese and non-obese patients. *Molecular and Cellular Biochemistry*. 480. 4797-4807. 10.1007/s11010-025-05292-1.
- Ionică, Loredana & Buriman, Darius & **Lința, Adina** & Coifan, Raluca & Lascu, Ana & Streian, Caius & Feier, Horea & Petrescu, Lucian & Mozos, Ioana & Sturza, Adrian & Muntean, Danina. (2024). Empagliflozin and dapagliflozin decreased atrial monoamine oxidase expression and alleviated oxidative stress in overweight non-diabetic cardiac patients. *Molecular and Cellular Biochemistry*. 480. 1645-1655. 10.1007/s11010-024-05076-z.
- Ionică, Loredana & **Lința, Adina** & Bătrîn, Alina & Hancu, Iasmina & Lolescu, Bogdan & Dănilă, Maria & Petrescu, Lucian & Mozos, Ioana & Sturza, Adrian & Muntean, Danina. (2024). The Off-Target Cardioprotective Mechanisms of Sodium–Glucose Cotransporter 2 Inhibitors: An Overview. *International Journal of Molecular Sciences*. 25. 7711. 10.3390/ijms25147711.
- Hâncu, I.M., Giuchici, S., **Furdui-Lința, A.V.** et al. The highs and lows of monoamine oxidase as molecular target in cancer: an updated review. *Mol Cell Biochem* (2024). <https://doi.org/10.1007/s11010-024-05192-w>

- Lolescu, B.A., **Furdui-Lința, A.V.**, Ilie, C.A. et al. Adipose tissue as target of environmental toxicants: focus on mitochondrial dysfunction and oxidative inflammation in metabolic dysfunction-associated steatotic liver disease. *Mol Cell Biochem* (2024). <https://doi.org/10.1007/s11010-024-05165-z>
- **Lința AV**, Lolescu BM, Ilie CA, Vlad M, Bliidișel A, Sturza A, Borza C, Muntean DM, Crețu OM. Liver and Pancreatic Toxicity of Endocrine-Disruptive Chemicals: Focus on Mitochondrial Dysfunction and Oxidative Stress. *Int J Mol Sci.* 2024 Jul 6;25(13):7420. doi: 10.3390/ijms25137420. PMID: 39000526; PMCID: PMC11242905.
- Danina M. Muntean, **Adina V. Lința**, Loredana N. Ionică, Maria D. Dănilă, Daniel F. Lighezan, Adrian Sturza (2024). Vascular Toxicity of Endocrine Disruptors: A Thinly Veiled Threat. In: Dragan M. Djuric, Devendra K. Agrawal (eds.) *Environmental Factors in the Pathogenesis of Cardiovascular Diseases. Advances in Biochemistry in Health and Disease*, volume 30. Springer.
- Mihaela Vlad, **Adina Lința**, Carmen Dorogi, Laura Toda, Adela Chiriță-Emandi, Maria Puiu, Ioana Golu (2024). Congenital Hypopituitarism Caused by Mutation in Prop-1 Gene: The Story of Four Family Members. In: Iulian P. Velea, Corina Paul, Stuart J. Brink (eds.) *Current Trends in Pediatric Endocrinology and Diabetes*. Mirton Ed.
- Anca M. Bîcă, Oana M. Aburel, Vlad F. Avram, Theia Lelcu, **Adina V. Lința**, Daniela V. Chiriac, Adelina G. Mocanu, Elena Bernad, Claudia Borza, Marius L. Craina, Zoran L. Popa, Danina M. Muntean, Octavian M. Crețu. Impairment of mitochondrial respiration in platelets and placentas: a pilot study in preeclamptic pregnancies, 07 aprilie 2022, <https://doi.org/10.1007/s11010-022-04415-2>
- Anca M. Bîcă, Andreea I. Anechitei, Theia Lelcu, **Adina V. Lința**, Daniela V. Chiriac, Adelina G. Mocanu, Elena Bernad, Zoran L. Popa, Marius L. Craina, Danina M. Muntean, Claudia Borza, Octavian M. Crețu, Assessment of the Systemic Oxidative Stress in Preeclampsia, 07 aprilie 2022, <https://doi.org/10.2478/sjocr-2022-0010>
- 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*, 17 noiembrie 2021, <https://doi.org/10.3389/fphys.2021.768383>