



FOTO (opțional)

CURRICULUM VITAE

Identification data:

Name, Surname: **Alexandra Elena Lazăr**

Academic title: Associate professor

Department: ME2

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Areas of Interest (maximum 5 areas, directions):

- Personalized Medicine
- Regional Anesthesia
- Pain Therapy
- Ultrasonography in Intensive Care
- Pharmacology of Anesthetics

Research Activity:

1. Research Projects (maximum 3 projects)

- Distribution of the local anesthetic ROPIVACAINE in different tissue matrices – a pharmacokinetic and pharmacodynamic study on an animal model
Funded by George Emil Palade University of Medicine, Pharmacy, Science, and Technology, Tîrgu Mureș, Romania, Grant No. 163/5-2022.
- Evaluation of lipid emulsion in preventing cardiac toxicity induced by Local Anesthetics – Lidocaine and Ropivacaine – and determining its role in myocardial cell energy support
Funded by George Emil Palade University of Medicine, Pharmacy, Science, and Technology, Tîrgu Mureș, Romania, Grant No. 615/2019.
- Analysis of angiopoietin-2 gene mutation in patients with sepsis – *privately funded project.*

2. Full-Length Published Papers (maximum 5 papers)





1. **Lazar A.** Recent Data about the Use of Corticosteroids in Sepsis—Review of Recent Literature. *Biomedicines*. 2024; 12(5):984 eISSN 2227-9059 F.I= 4.7
2. **Lazar A, Mihaela Butiulca, Lenard Farczadi.** Challenges of the Regional Anesthetic Techniques in Intensive Care Units –A Narrative Review. *The Journal of Critical Care Medicine*. DOI: 10.2478/jccm-2024-0023 Ahead of Print ISSN 2393-1809 F.I=1.1
3. **Lazar AE, Gherghinescu MC.** Airway Ultrasound for Anesthesia and in Intensive Care Patients- A Narrative Review of the Literature. *J Clin Med*. 2022 27;11(21):6327. eISSN 2077-0383 FI= 4.96
4. **Lazar AE, Gurzu S, Kovacs A, Perian M, Cordos B, Gherghinescu MC, Enache LS.** Cardio Protective Effects of Lipid Emulsion against Ropivacaine-Induced Local Anesthetic Systemic Toxicity-An Experimental Study. *J Clin Med*. 2022;11(10):2784. eISSN 2077-0383 FI=4.96
5. **Lazar AE, Azamfirei L.** Personalized Medicine for the Critically Ill Patient: A Narrative Review. *Processes*. 2022; 10(6):1200. ISSN e2227-9717 FI=3.5

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