



## CURRICULUM VITAE

### Personal Details

**Name, Surname:** Lazar Alexandra Elena  
**Institutional Email:** alexandra.lazar@umfst.ro  
**Academic Title:** Lecturer, MD, PhD  
**Departament:** Discipline of Anesthesiology and Intensive Care, ME2

### Professional Activity

**Specialty:** Specialist in Anesthesiology and Intensive Care  
**Medical Unit/Hospital:** Emergency Clinical County Hospital of Targu Mures

### Research Activity

#### Research Interest (max. 3 areas of interest):

- Regional Anesthesia- techniques, local anesthetics pharmacology
- Sepsis in Intensive Care
- Personalized Medicine in Intensive Care

**ORCID number:** 0000-0003-4414-2329

#### Published Articles (max. 5 representative papers):

1. Szederjesi J, **Alexandra Lazar**, Petrisor M, Hutanu A, Tripon F, Georgescu AM, et al. Genetic variability of ANG2 -35G>C gene as a predictor factor in sepsis. Rev Romana Med Lab. 2020; 28(2):175-184
2. **Alexandra Lazar**, Nora Lenkey, Krisztina Pesti, Laszlo Fodor, Arpad Mike. Different pH-sensitivity patterns of 30 sodium channel inhibitors suggest chemically different pools along the access pathway. Front. Pharmacol. 6:210. DOI: 10.3389/fphar.2015.00210. FI: 3.28
3. **Alexandra Lazar**, Anca Meda Georgescu, Alexander Vitin, Leonard Azamfirei. Precision Medicine and its Role in the Treatment of Sepsis: A Personalised View. The Journal of Critical Care Medicine 2019; 5(3):90-96
4. Badea IM, Azamfirei R, Grigorescu B, **Alexandra Lazar**, Almasy E, Fodor RS et al. The role of interleukin-6 as an early predictor of sepsis in a murin sepsis model. Romanian Journal of Morphology and Embriology 2019; 60(1):69-75. FI: 1.500
5. Carmen Sircuta, **Alexandra Lazar**, Leonard Azamfirei, Mária Baranyi, E. Sylvester Vizi, Zoltán Borbély Correlation between the increased release of catecholamines evoked by local anesthetics and their analgesic and adverse effects: Role of K<sup>+</sup> channel inhibition. Brain Research Bulletin. 2016; 124:21-26. FI 2.57

