



## CURRICULUM VITAE

### Date personale

**Name, Surname:** MORARU Liviu  
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**Academic Title:** LECTURER, MD, PhD  
**Discipline, Department:** „ANATOMY and EMBRYOLOGY”, ME1

### Domeniul profesional de activitate

**Specialty:** CARDIO-VASCULAR SURGERY - CONSULTANT  
**Medical Unit/Hospital:** Emergency Institute For Cardio-Vascular Diseases and Transplantation  
Targu-Mures

### Activitate de cercetare

**Research interest:** anatomy, cardio-vascular surgery

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### Published Articles:

- 1 Kovacs J, **Moraru L**, Antal K, et al. Are frailty scales better than anesthesia or surgical scales to determine risk in cardiac surgery?. Korean Journal of Anesthesiology 2017; 23(2):189-197.
- 2 Pop GAM, de Backer TLM, de Jong M, Struijk PC, **Moraru L**, Bogers AJJC, et al. On-line electrical measurement for monitoring blood viscosity during on-pump heart surgery. European Surgical Research 2004; 36:259-265.
- 3 Pop GAM, Chang ZY, Slager CJ, Kooij BJ, van Deel ED, **Moraru L**, Quak J, Meijer GC, Duncker DJ. Catheter – based impedance measurements in the right atrium for continuously monitoring hematocrit and estimating blood viscosity; an in vivo feasibility study in swine. Biosen Bioelectr 2004; 19:1685-1693.
- 4 Pop GAM, Hop WJ, **Moraru L**, van der Jagt M, Quac J, Dekkers D, Chang Z, Gijzen FJ, Duncker DJ, Slager CJ. Blood electrical impedance closely matches whole blood viscosity as parameter of hemorheology and inflammation. Appl Rheol 2003; 13:305-312.
- 5 Raicea V, **Moraru L**, Deac R. Circulatia Extracorporeala (Bypass-ul CardioPulmonar). In: Deac R. Chirurgie Cardiovasculara (Tratat de Chirurgie). Ed. Academiei Romane, Bucuresti 2009; 127-136.

