



CURRICULUM VITAE

Date personale:

Nume, Prenume: Balmoș Ioan-Alexandru

Titlu academic: Șef de lucrări / Lector universitar

Departament: Anatomie – Embriologie, ME1

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Domenii de interes:

1. Chirurgia vasculară și endovasculară
2. Chirurgia laparoscopică
3. Patologia aterosclerotică a arterei carotide

Activitate de cercetare:

1. Proiecte de cercetare

Grant de Cercetare Științifică individual câștigat în competiția internă a UMFST "G.E. Palade" Târgu Mureș - 2022

Titlul grantului: Prevenirea accidentelor vasculare cerebrale prin identificarea biomarkerilor sanguini care se corelează cu modificările histologice specifice plăcilor carotidiene instabile

2. Lucrări publicate in extenso

• **Balmos IA, Slevin M, Brinzaniuc K, Muresan AV, Suciu H, Molnár GB, Mocian A, Szabó B, Nagy EE, Horváth E.** Intraplaque Neovascularization, CD68+ and iNOS2+ Macrophage Infiltrate Intensity Are Associated with Atherothrombosis and Intraplaque Hemorrhage in Severe Carotid Atherosclerosis. *Biomedicines*. 2023; 11(12):3275. doi: 10.3390/biomedicines11123275. ISSN: 2227-9059, **FI 2023 = 3,9, Q1**





- **Balmos IA**, Horváth E, Brinzaniuc K, Muresan AV, Olah P, Molnár GB, Nagy EE. Inflammation, Microcalcification, and Increased Expression of Osteopontin Are Histological Hallmarks of Plaque Vulnerability in Patients with Advanced Carotid Artery Stenosis. *Biomedicines*. 2023; 11(3):881. doi: 10.3390/biomedicines11030881, ISSN: 2227-9059, **FI 2023 = 3,9, Q1**
- **Balmos IA**, Muresan MG, Brinzaniuc K, Suciu H, Horvath E, Kaller R, Banceu K, Muresan AV. Factors That Influence the Occurrence of Acute Postoperative Complications after Carotid Endarterectomy. *Journal of Cardiovascular Emergencies* 2023;9(1):9-16. doi: 10.2478/jce-2023-0003, ISSN: 2457 - 5518, **FI 2023 = 0,6, Q3**
- Muresan M, Suciu H, Marian D, Muresan AV, Gabor RM, Neagoe RM, Sala D, Denes M, Muresan S, Melano MI, **Balmos IA**. A single-center prospective study on the efficiency of negative pressure wound therapy versus conventional wound therapy in the postoperative management of devitalized and infected wounds. *Ann Ital Chir*, 2023, 94, 4: 411-418, pii: S0003469X2303052X, ISSN/eISSN: 0003-469X/2239-253X, **FI 2023 = 0,9, Q3**
- Neagoe RM, Mureșan M, Bancu Ș, **Balmos I**, Băișan V, Voidăzan S, Sala D. Results of Laparoscopic Sleeve Gastrectomy-5-Year Follow-Up Study in an Eastern European Emerging Bariatric Center. *Obesity surgery*. 2017; 27(4), 983–989. doi: 10.1007/s11695-016-2407-6, ISSN: 0960-8923, **FI 2017 = 3,895, Q1**

