



CURRICULUM VITAE

Personal details:

Name, Surname: Trambitas Cristian

Academic Title: Associate Professor

Department: ME2

Institutional e-mail: Cristian.trambitas@umfst.ro

Areas of interest (maximum 5 domains):

- plastic surgery
- osteocondral regeneration
- periferic nerve regeneration
- hand surgery

Research activity:

1. Research projects (maximum 3 projects)

- 'Nanostructured Surfaces for Improving the Bone Integration of Titanium Implants' (PN-II-PT-PCCA-2013-4-2101, Partnerships in Priority Areas - Innovative Materials, Processes, and Products, competition 2013);
- 'Ti-Based Implant with Modified Surfaces and Electromagnetic Structures' (PCE 144/2021, PN-III-P4-ID-PCE-2020-0404);
- Internal Competition for Scientific Research Grants - Utilizing 3D Technology and Stem Cells in Peripheral Nerve Regeneration, with Research Project Financing Contract No. 510/17 / 17.01.2022.

2. Articles published in extenso (maximum 5 articles)

- Trâmbițaș C, Pap T, Niculescu R, et al. (June 14, 2024) Biocompatible 3D-Printed Devices With Adipose Stem Cells in the Regenerative Process of Sciatic Nerve Lesions in Rodent Models: An Experimental Study. Cureus 16(6): e62412. DOI 10.7759/cureus.62412





- Trâmbițaș C, Cordoș BA, Dorobanțu DC, et al. Application of Adipose Stem Cells in 3D Nerve Guidance Conduit Prevents Muscle Atrophy and Improves Distal Muscle Compliance in a Peripheral Nerve Regeneration Model. *Bioengineering*. 2024; 11(2):184. <https://doi.org/10.3390/bioengineering11020184>
- Trâmbițaș C, Trâmbițaș-Miron AD, Feier AM, et al.; Clinical and morphological outcomes after percutaneous needle fasciotomy in Dupuytren's disease according to the contracture severity; *Rom J Morphol Embryol*, 2021, 62(3) ISSN (print) 1220–0522, ISSN (online) 2066–8279 doi: 10.47162/RJME.62.3.y
- Russu OM, Zuh S, Feier AM, Borodi PG., Trâmbițaș C, Bilateral simultaneous anterior cruciate ligament rupture and reconstruction *Gazzetta Medica Italiana - Archivio per le Scienze Mediche* 2022 November;181(11):892-6. DOI: 10.23736/S0393-3660.21.04640-4
- Trâmbițaș C, Pop AM, Trâmbițaș -Miron AD, et al. *Regeneration of Bone Defects Using Bioactive Glass Combined with Adipose-derived Mesenchymal Stem Cells - An experimental in vivo study*, *Rev. Chim.*, 2019, 70, No. 6: 1983-1987, ISSN 2537-5733

