



CURRICULUM VITAE

Personal details:

Name, Surname: **Monica Chiș (Copotoiu)**

Academic Title: Lecturer

Department: ME2

Institutional e-mail: monica.copotoiu@umfst.ro

ORCID: 0000-0002-3616-5152

Areas of interest (maximum 5 domains):

- Pain therapy (basic research, diagnose, medical treatment, rehabilitation with medical devices such as exoskeletons)
- From basic research to clinical research in inflammatory and/or autoimmune diseases
- Ultrasound – part of diagnose, monitoring and treatment

Research activity:

1. Research projects (maximum 3 projects)

- Up to date in intensive care units of the rheumatologic patients U2DIRECT; PN-II-ID-WE-2011-044
- A Phase 2b, Dose-ranging Study to Evaluate the Efficacy and Safety of Sifalimumab in Adults with Systemic Lupus Erythematosus CD-IA-MEDI 545-1067/ D2800L00004 – Investigator
- Esentialul in bolile reumatice PN-II-ID-WE-2011-035
- Abordarea inovativa a patologiei articulare printr-o echipa interdisciplinara de la biopsie la terapia fizica si nu numai TE-2016-1318, PN-III-P1-1.1-TE-2016-1303 Responsable proiect - Collaboration avec Universitatea de Medicina si Farmacie Timisoara

2. Articles published in extenso (maximum 5 articles)

- Liviu Cristian Chiș, **Monica Copotoiu**, Liviu Moldovan, Different Types of Exoskeletons can Improve the Life of Spinal Cord Injury's Patients – a Meta-Analysis, *Procedia Manufacturing* 46 (2020), ISSN: 2351-9782, CiteScore:1.39





- Glycosaminoglycans Modulate the Angiogenic Ability of Type I Collagen-Based Scaffolds by Acting on Vascular Network Remodeling and Maturation. Bioengineering., SalvanteE, Popoiu, A & Saxena, Amulya & Popoiu, Tudor & Boia, Eugen & Anca Maria, Cimpean & Rus, Stefania & Raffaella, Enrica & Salvante, Grazia & Popoiu, Anca & Florica, Ramona & Dorobantu, Florica & **Copotoiu, Monica**. (2024). 11. 423. 10.3390/bioengineering11050423.
- Validation of Human Bone Marrow-derived Mesenchymal Stem Cells and MCF-7 Breast Cancer Cells Co-culture Using a 3D Perfused Biomimetic Microfluidic Platform. Anticancer Research., Anca Maria, Cimpean & Comșa, Serban & Sturza, Adrian & Barb, Alina & Cosma, Andrei-Alexandru & Pasca-Fenesan, Mihaela-Maria & IONESCU, CORNELIU & ILE, ALICE & Sârb, Simona & **Copotoiu, Monica**. (2024). 44. 1441-1453. 10.21873/anticancer.16940.
- Rehabilitation in Intensive Care Unit. 10.5772/intechopen.1002614, Copotoiu, Monica & Copotoiu, Ruxandra. (2023).
- Age, sex, metabolic and pharmacologic factors may predict nonresponse status to rheumatoid arthritis therapies, Liliana Bordean, **Monica Chis**, Anca Maria Cimpean, Alina Cristina Barb, Andrei Alexandru Cosma, Mihaela Pasca Fenesan, Ovidiu Simion Cotoi, Laura Nicolescu, Cristian Mircea Nicolescu, Claudiu Avram, n Vivo Sep 2023, 37 (5) 2387-2401; DOI: 10.21873/invivo.13344, 2023

