



CURRICULUM VITAE

Date personale:

Nume, Prenume: Andrei Marian Feier

Titlu academic: Asistent universitar

Departament: M4 - Discipline clinice și medico-chirurgicale

E-mail instituțional: andrei.feier@umfst.ro

Domenii de interes:

1. Implanturi biocompatibile și regenerare tisulară
2. Reabilitarea post-operatorie personalizată după artroplastia totală de genunchi
3. Analiza prin elemente finite a tratamentului displaziei de șold la adult
4. Cercetări corelative între imagistica prin rezonanță magnetică și artroscopie

Activitate de cercetare:

1. Lucrări publicate in extenso

- 2.1.** Incze-Bartha Z, Incze-Bartha S, Simon-Szabó Z, **Feier AM**, Vunvulea V, Nechifor-Boila AI, Pastorello Y, Denes L. Finite element analysis of various osteotomies used in the treatment of developmental hip dysplasia in children. J Pers Med. 2024 Feb;14(2):189. doi: 10.3390/jpm14020189.
- 2.2.** Trambitas C, Pap T, Niculescu R, Popelea MC, Cotoi OS, Cordoș B, Domnariu HP, Marin A, **Feier AM**, David C, Vintila C. Biocompatible 3D-printed devices with adipose stem cells in the regenerative process of sciatic nerve lesions in rodent models: An experimental study. Cureus. 2024 Jun;16(6). doi:10.7759/cureus.62412.
- 2.3.** Russu O, Bloj F, **Feier AM**, Vunvulea V, Mogoș S, Predescu V, Pop TS. At the Edge of Orthopaedics: Initial Experience with Transarterial Periarticular Embolization for Knee Osteoarthritis in a Romanian Population. J Clin Med. 2022 Nov;11(21):6573. doi: 10.3390/jcm11216573.
- 2.4.** **Feier AM**, Portan D, Manu DR, Kostopoulos V, Kotrotsos A, Strnad G, Dobreanu M, Salcudean A, Bataga T. Primary MSCs for personalized medicine: ethical challenges, isolation and biocompatibility evaluation of 3D electrospun and printed scaffolds. Biomedicines. 2022 Jun;10(7):1563. doi: 10.3390/biomedicines10071563.
- 2.5.** **Feier AM**, Manu DR, Strnad G, Dobreanu M, Russu OM, Portan D, Bataga T. A step forward standardization of biocompatibility testing on tissue culture polystyrene. Mat Plast. 2018 Sep;55(3):303-307. doi: 10.37358/MP.18.3.5018.

