



CURRICULUM VITAE

Date personale

Nume, prenume: Szabó Zoltán - István

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Titlu academic: Conferențiar universitar

Disciplină, departament: Industria medicamentului și Management Farmaceutic

Domeniul profesional de activitate

Specialitate/supraspecializări: Farmacist

Activitate de cercetare

Teme și direcții de cercetare (max. 3 direcții):

- Separări chirale prin electroforeză capilară și cromatografie de lichide
- Dezvoltare metode analitice prin design experimental
- Vectori medicamentoși pe bază de nano-/microfibre

Număr ORCID: 0000-0002-8740-0212

Lucrări publicate în extenso (max. 5 lucrări reprezentative):

Bitay E, Gergely AL, **Szabó ZI**. *Optimization and Production of Aceclofenac-Loaded Microfiber Solid Dispersion by Centrifugal Spinning*. Pharmaceutics 2023, 15: 2256 (IF: 5.4)

Szabó ZI, Boda F, Fiser B, Dobó M, Szőcs L, Tóth G. *Chiral Separation of Oxazolidinone Analogs by Capillary Electrophoresis Using Anionic Cyclodextrins as Chiral Selectors: Emphasis on Enantiomer Migration Order*. Molecules 2023, 28: 4530 (IF: 4.927)

Ferencz E, Zöldhegyi A, Kelemen EK, Obreja M, Urkon M, Sipos E, Tóth G, Molnár I, **Szabó ZI**. *Analytical quality by design-compliant retention modeling for exploring column interchangeabilities in separating ezetimibe and its related substances*. Journal of Chromatography A 2022, 1682: 463494. (IF: 4.601)

Dobó M, Foroughbakhshfasaei M, Horváth P, **Szabó ZI***, Tóth G. *Chiral separation of oxazolidinone analogues by liquid chromatography on polysaccharide stationary phases using polar organic mode*, J Chrom A 2022, 1662: 462741 (IF: 4.759)

Ferencz E, Kelemen ÉK, Obreja M, Sipos E, Vida S, Urkon M, **Szabó ZI**. *Computer-assisted UHPLC method development and optimization for the determination of albendazole and its related substances*, Journal of Pharmaceutical and Biomedical Analysis 2021, 203: 114203. ISSN: 0731-7085, DOI: 10.1016/j.jpba.2021.114203 (IF: 3.935)

