

Lista de lucrări

a) Titlul tezei de doctorat (student doctorand)

- Dezvoltarea, optimizarea și validarea metodelor cromatografice de lichidă de înaltă performanță cu ajutorul programelor de modelare prin aplicarea conceptului de calitate prin design (anul susținerii: 2023, conducător științific: Prof. Dr. Sipos Emese

b) Cărți de specialitate

- nu este cazul

c) Capitole în volume colective

- nu este cazul

d) Articole publicate în extenso

(1) Articole în reviste cotate ISI, cu factor de impact

- **Ferencz E**, Kovács B, Boda F, Froughbakhshfasaei M, Kelemen EK, Tóth G, Szabó ZI *Simultaneous determination of chiral and achiral impurities of ivabradine on a cellulose tris(3-chloro-4-methylphenylcarbamate) chiral column using polar organic mode*, Journal of Pharmaceutical and Biomedical Analysis, 2020, 177: 112851, cod DOI: 10.1016/j.jpba.2019.112851, ISSN 0731-7085, factor impact: 2.983
- **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, cod DOI:10.1016/j.jpba.2021.114203, ISSN 0731-7085, factor impact 3.935
- **Ferencz E** et al. - *Analytical quality by design-compliant retention modeling for exploring column interchangeabilities in separating ezetimibe and its related substances*, Journal of Chromatograph A, 2022, 1682:463494, cod DOI: 10.1016/j.chroma.2022.463494, ISSN: 1873-3778, factor impact: 4,601
- **Ferencz E**, Spengler G, Zupkó I, Vollár M, Zomborszki P, Kúsz N, Hohmann J, Kovács B, Csupor D, Laczkó-Zöld E, Csupor-Löffler B – *Isolation of compounds from the roots of Ambrosia artemisiifolia and their effects on human cancer cell lines*, Zeitschrift für Naturforschung C, 2023, , 2023, cod DOI: 10.1515/znc-2022-0239, ISSN: 1865-7125, factor impact: 1,984
- Péterfi O, Boda F, Szabó ZI, **Ferencz E**, Bába L. *Hypotensive Snake Venom Components—A Mini-Review*, Molecules, 2019, 24(15): 2778, cod DOI: 10.3390/molecules24152778, ISSN 1420-3049, factor impact: 3.060

- Gáll Z, Farkas S, Alber Á, **Ferencz E**, Vancea S, Urkon M, Kolcsár M *Effects of Chronic Cannabidiol Treatment in the Rat Chronic Unpredictable Mild Stress Model of Depression*, Biomolecules, 2020, 10(5):801, cod DOI: 10.3390/biom10050801, ISSN 2218-273X, factor impact 4.879
- Gall Z., Kelemen K, Tolokan A, Zolcseak I, Savel I, Bod R, **Ferencz E**, Vancea S, Urkon M, Kolcsar M - *Anticonvulsant Action and Long-Term Effects of Chronic Cannabidiol Treatment in the Rat Pentylentetrazole-Kindling Model of Epilepsy*, Biomedicines 2022, 10(8):1811, cod DOI: 10.3390/biomedicines10081811, ISSN: 227-9059, impact factor: 4,757.

(2) Articole în reviste cotate ISI, fără factor impact

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(3) Articole în reviste indexate BDI

- **Ferencz E**, Boda F, Gáll Z, Kolcsár M, Donáth-Nagy G, Vancea S *Determination of corticosterone from rat hair samples by HPLC-MS method*, Bulletin of Medical Sciences, 2019, 92(1), cod DOI: 10.2478/orvtudert-2019-0008, online ISSN 2537-5059
- **Ferencz E**, Demeter E, Király R, Vancea S, Urkon M, Laczkó-Zöld E Mapping of Echinacea-based food supplements on the Romania market and qualitative evaluation of the most commonly used products, Bulletin of Medical Sciences, 2020, 93(2), cod DOI: 10.2478/orvtudert-2020-0008, online ISSN 2537-5059

e) articole publicate în rezumat

- **Ferencz E**, Kelemen É, Obreja M, Sipos E, Szabó IZ *Experimental design-based approach for the simultaneous separation of albendazole and its impurities*, The 13th Conference of PhD Students and Young Doctors, 2020, pg 78, ISSN 2602-1609
- **Ferencz E**, Kelemen É, Obreja M, Sipos E, Zoldhegyi A, Szabó IZ - *Retention modeling and the aspects of design space comparison for ezetimibe and its related substances*, The 14th Conference of PhD Students and Young Doctors, 2021, pg 148, ISSN 2602-1609
- **Ferencz E**, Sipos E, Kelemen E, Obreja M, Szabo ZI – *Testarea robusteții in silico în cromatografie lichidă de înaltă performanță*, Buletin de Științe Medicale, 2022, 95(1):20, ISSN 2537-5059
- Toth G, **Ferencz E**, Fogarasi E, Bartalis-Fabian A, Szabo ZI – *Dezvoltarea unor metode de cromatografie de înaltă performanță pentru determinarea simultană a unor impurități chirale și achirale*, Buletin de Științe Medicale, 2022, 95(1):60, ISSN 2537-5059

- **Ferencz E**, Zoldhegyi A, Toth G, Sipos E, Szabo ZI *Experimental design-based retention modeling on chiral stationary phases in reverse phase mode for ezetimibe and its related substances, The 15th Conference of PhD Students and Young Doctors, 2022, pg 128 ISSN 2602-1609*
- **Ferencz E**, Zoldhegyi A, Szabo Z, Molnar I - *Analytical quality-by-design (AQbD) model-based comparison of HPLC-separation systems using multivariate eluent design space – Establishing stationary phase-independent separation of Ezetimibe and related impurities across several column chemistries, 33rd International Symposium on Chromatography – ISC 2022, 2022, O-20, ISBN: 978-615-5270-74-1*
- **Ferencz E**, Szabo ZI, Zoldhegyi A, Dobó M, Nemeth G, Molnar I, Toth G – *Oportunitățile oferite de modelare computerizată în cromatografie chirală – separarea enantiomerilor de ozanimod pe fazele staționare polizaharide, Buletin de Științe Medicale, 2023, 96(1):17-18, ISSN 2537-5059*

f) alte lucrări (articole publicate în rezumat, fără ISBN sau ISSN)

- Urkon M, Suceava A, Donath-Nagy G, **Ferencz E**, Szabo ZI – *Renewal of an old compendial method for the determination of the related substances of dalfampridine, 20th International Symposium and Summer School on Bioanalysis, Abstracts Book, 2022, P1, pg 59*
- **Ferencz E**, Toth G, Zoldhegyi A, Sipos E, Donath-Nagy G, Szabo ZI – *Stationary phase independent chromatography method for the separation of ezetimibe and its related substances, 20th International Symposium and Summer School on Bioanalysis, Abstracts Book, 2022, P12, pg 70*