

Lista de lucrări din toată activitatea didactică
Candidat Șef de lucrări dr. Lucreția Paula Udrescu-Milosav

A. Cursuri universitare (coautor)

Szabadai Z., Sbârcea L., **Udrescu L.** Analiza fizică și chimică a medicamentului. Editura Victor Babeș, colecția Academica, Vol.1 – 2016. ISBN 978-606-786-020-7

B. Suport de studiu pentru lucrării practice (prim autor)

Udrescu L., Szabadai Z. Analiza medicamentului. Îndrumător de lucrări practice. Editura Mirton, Timișoara, 2009, ISBN 978-973-52-0676-5

C. Coautor capitol carte în editură internațională

Udrescu M, **Udrescu L.** A drug repurposing method based on drug-drug interaction networks and using energy model layouts. *Computational Methods for Drug Repurposing*, Part of the *Methods in Molecular Biology* book series, volume 1903, Humana Press, New York, NY, 2019; 185-201.

D. Articole publicate in extenso în reviste indexate ISI

1. Mihaicuta S, **Udrescu L**, Udrescu M, Toth I-A, Topîrceanu A, Pleavă R, Ardelean C, *Analyzing Neck Circumference as an Indicator of CPAP Treatment Response in Obstructive Sleep Apnea with Network Medicine*, *Diagnostics* 2021, Vol. 11(1), pag. 86.
2. **Udrescu L**, Bogdan P, Chiș A, Sîrbu I-O, Topîrceanu A, Văruț R-M, Udrescu M, *Uncovering new drug properties in target-based drug-drug similarity networks*, *Pharmaceutics* 2020, Vol. 12(9), pag. 879.
3. Topîrceanu A, **Udrescu L**, Udrescu M, Mihăicuță S, *Gender Phenotyping of Patients with Obstructive Sleep Apnea Syndrome Using a Network Science Approach*, *Journal of Clinical Medicine* 2020, Vol. 9(12), pag. 4025.
4. Rotaru LT, Varut R-M, Amzoiu E, Mormoe M, Nicolaescu O, Amzoiu MO, **Udrescu L**, *Determination of the Antioxidant Capacity of Tragopogon Pratensis Species and Testing Their Pancreatic and Hepatic Regenerative Activity*, *Pharmaceutical Chemistry Journal* 2020, Vol. 53(10), pag. 964–970.
5. Mihăicuță Ș, Udrescu M, Topîrceanu A, **Udrescu L**, *Network science meets respiratory medicine for OSAS phenotyping and severity prediction*, *PeerJ* 2017, 5:e3289.
6. **Udrescu L**, Sbârcea L, Topîrceanu A, Iovanovici A, Kurunczi L, Bogdan P, Udrescu M, *Clustering drug-drug interaction networks with energy model layouts: community analysis and drug repurposing*, *Scientific Reports* 2016, 6:32745.

7. Sbârcea L, Ledeti I, Drăgan L, Kurunczi L, Fuliş A, **Udrescu L**, *Fosinopril sodium–hydroxypropyl- β -cyclodextrin inclusion complex: Thermal decomposition kinetics and compatibility studies*, Journal of Thermal Analysis and Calorimetry 2015, Vol. 120(1), pag. 981-990.
8. **Udrescu L**, Fuliş A, Ledeti I, Vlase G, Barvinschi P, Kurunczi L, Sbârcea L, *Host-guest System of Zofenopril and Randomly Methylated β -cyclodextrin*, Revista de Chimie 2015, Vol. 66(1), pag. 17-20.
9. **Udrescu L**, Sbârcea L, Fuliş A, Ledeti I, Vlase G, Barvinschi P, Kurunczi L, *Physicochemical characterization of zofenopril inclusion complex with hydroxypropyl- β -cyclodextrin*, Journal of the Serbian Chemical Society 2015, Vol. 80(4), pag. 485-497.
10. **Udrescu L**, Sbârcea L, Fuliş A, Ledeti I, Vlase G, Barvinschi P, Kurunczi L, *Physicochemical Analysis and Molecular Modeling of the Fosinopril β -Cyclodextrin Inclusion Complex*, Journal of Spectroscopy 2014, Vol. (2014):748468.
11. Sbârcea L, Ledeti A, **Udrescu L**, Văruţ R-M, Barvinschi P, Vlase G, Ledeti I, *Betulonic acid-cyclodextrins inclusion complexes*, Journal of Thermal Analysis and Calorimetry 2019, Vol. 138, pag. 2787-2797.
12. Topirceanu A, Udrescu A, **Udrescu L**, Ardelean C, Dan R, Reisz D, Mihaicuta S, *SAS score: Targeting high-specificity for efficient population-wide monitoring of obstructive sleep apnea*, PLoS ONE 2018, 13(9): e0202042.
13. Rotaru LT, Istratoaie O, **Udrescu L**, Varut R-M, Nicolaescu O, Patrana S, Cimpoesu D, Corlade M, Mormoe M, Florescu C, Nica S, Fortofoiu M, Fortofoiu MC, *TLC, GC-MS, HPLC Analyses and Testing the Antibacterial Effect of Tragopogon pratensis and Vaccinium myrtillus*, Revista de Chimie 2018, Vol. 69(8), pag. 1939-1943.
14. Sbârcea L, **Udrescu L**, Ledeti I, Szabadai Z, Fuliş A, Sbârcea C, *β -Cyclodextrin inclusion complexes of lisinopril and zofenopril*, Journal of Thermal Analysis and Calorimetry 2016, Vol. 123(3), pag. 2377-2390.
15. Suciu L, Cristescu C, Topirceanu A, **Udrescu L**, Udrescu M, Buda V, Tomescu MC, *Evaluation of patients diagnosed with essential arterial hypertension through network analysis*, Irish Journal of Medical Science 2016, Vol. 185(2), pag. 443-451.
16. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Szabadai Z, Bojiţă M, *Spectrophotometric method for lisinopril determination using ninhydrin*, Farmacia 2014, Vol. 62(1), pag. 107-118.
17. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Bojiţă M, *Validated UV Spectrofotometric Method For Quantification of Zofenopril in Pharmaceutical Formulations*, Revista de Chimie 2012, Vol. 63(6), pag. 562-564.
18. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Sasca V, Barvinschi P, Bojiţă M, *Characterization of Fosinopril Natrium-Hydroxypropyl- β -Cyclodextrin Inclusion Complex*, Revista de Chimie 2011, Vol. 62(3), pag. 349-351.
19. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Szabadai Z, Bojiţă M, *Fosinopril-cyclodextrin inclusion complexes: phase solubility and physicochemical analysis*, Pharmazie 2011, Vol. 66(8), pag. 584-589.

20. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Szabadai Z, Bojiță M, *Thin-Layer Chromatography Analysis for Cyclodextrins Inclusions Complexes of Fosinopril and Zofenopril*, Farmacia 2010, Vol. 58(4), pag. 478–484

E. Articole publicate în proceedings la congrese ce se găsesc pe ISI web of Knowledge prim autor

Udrescu L., Sbârcea L. The new tale of some old drugs. Proceedings of the Romanian National Congress of Pharmacy, 17th Edition, Bucharest, Romania, Sept 26-29, 2018. Pag 234-240

F. Articole publicate în rezumat în reviste de circulație internaționale recunoscute

1. **Udrescu L**, Udrescu M, Mihăicuță Ș. Weighted smoking score: Measuring the benefits of quitting smoking in COPD. *European Respiratory Journal*, 2016; 48(60):OA3500 – comunicare orală
2. **Udrescu, L**, Udrescu, M, Mihăicuță, Ș. A heavy-weight combo: obstructive sleep apnea-chronic obstructive pulmonary disease overlap syndrome. *Journal of Sleep Research*, 2016, 25 (Suppl. 1):260-261, P539
3. **Udrescu L**, Udrescu M, Topîrceanu A, Mihăicuță Ș. A network-based approach to defining phenotypes in COPD. *European Respiratory Journal*, 2015; 46(9):PA3355
4. Mihaicuta S, Topirceanu A, Udrescu M, Udrescu L. A complex network approach for gender phenotyping of patients with obstructive sleep apnea syndrome. *European Respiratory Journal* 2020, 56 (suppl 64):2517. This abstract was presented at the 2020 ERS International Congress, in session "Respiratory viruses" in the "pre COVID-19" era".
5. Pleava R, Frent S, Ciotlos A, Marincu I, **Udrescu L**, Udrescu M, Mihaicuta S. Smoking and dyspnea severity in patients with chronic obstructive pulmonary disease. *European Respiratory Journal* 2017 50 (suppl 61): PA1258.
6. Mihaicuta S, Udrescu M, Toth IA, **Udrescu L**, Marincu I. Statistical analysis of anthropometric differences between COPD stages 1 and 2. *European Respiratory Journal*, 2016; 48(60):PA651.
7. Mihăicuță Ș, Topîrceanu A, **Udrescu L**. SAS-Score: An Innovative Prediction Model For Sleep Apnea Syndrome. *American Journal of Respiratory and Critical Care Medicine*, 2015; 191:A5617.
8. Topîrceanu A, **Udrescu L**, Mihăicuță Ș. CPAP treatment response in obstructive sleep apnea using AERScore predictor. *European Respiratory Journal*, 2015; 46(9):PA2368
9. Mihaicuta, S., Reisz, D., Dan, R., **Udrescu, L.**, Topirceanu, A., Udrescu M. STOP Bang versus SAScore: prediction strategy in obstructive sleep apnea syndrome. *Journal of Sleep Research*, 2016, 25 (Suppl. 1):P816.
10. Mihaicuta S, Udrescu M, Topirceanu A, Sbarcea L, **Udrescu L**. Gender Phenotyping of COPD Patients Using Complex Network Analysis. *American Journal of Respiratory and Critical Care Medicine*, 2016; 193:A3521

11. Pleava R, Frent S, Ardelean C, Reisz D, Udrescu M, **Udrescu L**, Gaita D, Dan R, Mihaicuta S. Obstructive sleep apnea syndrome and chronic kidney disease - 2 faces of metabolic disorder. *Journal of Sleep Research*, 2016, 25 (Suppl. 1):P830

G. Articole publicate în extenso în reviste naționale recunoscute

1. **Udrescu L**, Caunii A, Szabadai Z, Butnariu M. Brand value versus the quality of phototherapeutic products with antioxidant biocomponents from the green tea. *Studia Universitatis "Vasile Goldiș"*, Seria Științele Vieții, 2011; 21(3):551-556
2. Pleavă R, Gaiță D, Ardeleanu C, Frent S, Udrescu M, **Udrescu L**, Dan R, Reisz D, Mihăicuță S. Obesity in association with Sleep Apnea Syndrome as predictor for coronary-vascular comorbidities. *Pneumologia* (Bucharest, Romania), 2016, 65(1):14-18
3. Caunii A, **Udrescu L**, Szabadai Z, Pribac G, Butnariu M. Total quality management of pharmaceutical preparations containing vitamin E. *Studia Universitatis "Vasile Goldiș"*, Seria Științele Vieții, 2012; 22(1):73-77
4. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Șoica C, Bojiță M. Thin-layer chromatographic studies of some angiotensin converting enzyme inhibitors. *Studia Universitatis "Vasile Goldiș"*, Seria Științele Vieții, 2010; 20(2):35-38
5. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Szabadai Z, Bojiță M. Method validation for spectrophotometric determination of lisinopril in pharmaceuticals using copper sulphate. *Clujul Medical*, 2010; 83(4):625-630
6. Sbârcea L, Drăgan L, Szabadai Z, **Udrescu L**, Bojiță M. The determination of lisinopril based on its complexation reaction with Cu^{2+} using spectrophotometric methods. *Farmacia*, 2007; 2:165-170

H. Postere

1. **Udrescu L**, Fuliș A, Ledeti I, Drăgan L, Suciu L, Olariu I, Kurunczi L, Sbârcea L. The effect of water and ethanol on the inclusion complexation of fosinopril sodium and beta-cyclodextrin. 17th International Cyclodextrin Symposium, Saarbrücken, 29 – 31 mai 2014
2. Sbârcea L, Ledeti A, **Udrescu L**, Barvinschi P, Vlase G, Ledeti I. Characterization of Betulonic acid-cyclodextrins inclusion complexes. 12th European Symposium on Thermal Analysis and Calorimetry. Brașov, 27-30 August 2018
3. Sbârcea L, **Udrescu L**, Drăgan L, Voicu M, Suciu L. Inclusion complexes of fosinopril with hydrophilic cyclodextrin: physicochemical characterization, molecular modeling and compatibility studies with excipients. Congresul Național de Farmacie, ediția a XVI-a, București, 28 septembrie – 01 octombrie 2016
4. Pleavă R, Udrescu M, Topîrceranu A, Iovanovici A, **Udrescu L**, Toth I, Mihăicuță Ș. STOPBang versus SAS Score: Prediction strategy in Obstructive Sleep Apnea. Conferința Națională de Somnologie, ediția a VI-a, Brașov, 11-13 iunie 2015
5. Sbârcea L, Drăgan L, Fuliș A, Ledeti I, Olariu I, Suciu L, Kurunczi L, **Udrescu L**. Investigation of the guest-host interaction of fosinopril with randomly methylated β -cyclodextrin. 17th International Cyclodextrin Symposium, Saarbrücken, 29 – 31 mai 2014

6. Drăgan L, **Udrescu L**, Vlaia L, Bojiță M, Sbârcea L. Stability Studies of Fosinopril. Congresul Național de Farmacie din România cu participare internațională, ediția a XV-a, Iași, 24-27 septembrie 2014. Volum de rezumate, p 340
7. Suci L, Tomescu M, **Udrescu L**, Voicu M, Șuta LM, Udrescu M, Buda V, Cristescu C. Evaluation of Antihypertensive Treatment Efficacy Using the Predictive Markov Model. Congresul Național de Farmacie din România cu participare internațională, ediția a XV-a, Iași, 24-27 septembrie 2014. Volum de rezumate, p. 191
8. Ledeti I, Vlase G, Vlase T, **Udrescu L**, Fuliș A. Solid-state characterization of antiarrhythmic agent amiodarone hydrochloride under non-isothermal conditions. Compatibility study with some pharmaceutical excipients. 3rd World Conference on Physico-Chemical Methods in Drug Discovery and Development, Dubrovnik, 22 – 26 septembrie 2013
9. Sbârcea L, **Udrescu L**, Drăgan L, Pătruțescu C, Bojiță M. Physicochemical characterisation of zofenopril- β -cyclodextrin inclusion complex. 8th World Meeting of Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Istanbul, 19 – 22 martie 2012
10. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Pătruțescu C, Bojiță M. Improvement Of Fosinopril Solubility And Stability Using Hydroxypropyl- β -Cyclodextrin – 2nd European Conference On Cyclodextrins, Asti, 2 – 4 octombrie 2011
11. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Szabadai Z, Bojiță M. Spectrophotometric method for quantitative determination of lisinopril with ninhydrin. Acta Medica Marisiensis, 2010, 56(supl 2):33 (Congresul Național de Farmacie ediția a XIV-a, Târgu-Mureș, 13-16 octombrie 2010)
12. Sbârcea L, **Udrescu L**, Drăgan L, Trandafirescu C, Șoica C, Bojiță M. Analiza prin cromatografie în strat subțire a unor inhibitori ai enzimei de conversie a angiotensinei și a complexilor de incluziune ai acestora cu β -ciclodextrina. Noi provocări în practica farmaceutică: Zilele Farmaceutice Orădene, Oradea, 8-10 octombrie 2009
13. Sbârcea L, Drăgan L, Szabadai Z, **Udrescu L**, Bojiță M. Lisinopril determination based on its complexation reaction with Cu^{2+} ions using spectrophotometric methods. Congresul Național de Farmacie, Ediția a XIII-a, Cluj-Napoca, 28-30 septembrie 2006