

LISTA PUBLICAȚII – CODRUTA SOICA

I. TEZA DE DOCTORAT – 2007 UMF Tirgu-Mures, Disciplina Chimie Farmaceutică,
Conducător doctorat: Prof. Dr. Gyeresi Arpad

**OBTINEREA SI ANALIZA COMPLECSILOR DE INCLUZIUNE AI
UNOR DIURETICE CU CICLODEXTRINE – sustinere publica 02.02.2007**

II. PUBLICAȚII*

A. Cărți și/sau monografii

1. Codruta Soica, Florin Borcan, Cristina Trandafirescu, **Chimia și acțiunea antisepticelor și dezinfectantelor**, Victor Babeș, Timișoara, 2013, 176 pagini, ISBN 978-606-8456-20-1
2. Codruța Soica, Cristina Trandafirescu, **Chimie Farmaceutică. Medicația aparatelor și sistemelor. Volumul I.**, Victor Babeș, Timișoara, 2013, 210 pagini, ISBN 978-606-8456-24-9, Vol. I: 978-606-8456-21-8
3. Cristina A. Dehelean, Corina Danciu, Georgeta M. Simu, Codruța M. Șoica, **Elemente de metodologia cercetării științifice**, Ed. Victor Babeș Timișoara, 2013 ISBN 978-606-8456-13-3.

Alte cărți de specialitate relevante:

4. **Codruța Șoica** – Chimie Farmaceutică – Terapia cu antibiotice antibacteriene. Note de curs, Ed. Mirton, Timișoara, ISBN 978-973-52-0244-6, 251 pg., 2007
5. A. Grozav, Cristina Trandafirescu, **Codruța Șoica**, V. Gogonea, D. Ciubotariu – Noțiuni de Chimie Farmaceutică, Ed. Mirton, Timișoara, recunoscută CNCSIS, ISBN 973-585-574-7, 470 pg., 2001
6. **Codruța Șoica**, Cristina Trandafirescu, Cristina Pătruțescu – Chimie Farmaceutică. Lucrări practice de laborator, Ed. Mirton, Timișoara, ISBN 978-973-52-0461-7, recunoscută CNCSIS, ISBN 978-973-52-0461-7, 229 pg., 2008
7. Cristina Trandafirescu, **Codruța Șoica** – Chimie Farmaceutică. Lucrări practice, Ed. Mirton, Timișoara, recunoscută CNCSIS, ISBN 978-973-52-0149-4, 108 pg., 2007.

B. Capitole de carte

1. **Codruța Șoica***, Cristina Trandafirescu, Florin Borcan, Corina Danciu, Georgeta Simu and Cristina Dehelean, Chapter 2, Nanoformulations with Cyclodextrins as Carriers for Skin

Targeting of Active Drugs, Editor: Bhupinder Singh Bhoop, Executive editor: J.N. Govil, Biotechnology, Drug Delivery & Vol. 8, Series ISBN: 1-62699-015-8, Vol. ISBN: 1-62699-023-9, pp. 29-56, 2014

2. Corina Danciu, Cristina Dehelean and **Codruta Soica**, Chapter 2, Natural Compound Genistein: From Consecrated to New Utilizations and Formulations, Editor: K.K. Bhutani, Executive editor: J.N. Govil, Biotechnology, Drug Discovery & Vol. 7, Series ISBN: 1-62699-015-8, Vol. ISBN: 1-62699-022-0, pp. 43-61, 2014

C. LUCRĂRI ȘTIINȚIFICE ÎN REVISTE ISI CU FACTOR DE IMPACT

C1. Articole publicate în extenso în reviste de circulație internațională recunoscute

Autor principal

1. **Codruța Șoica**, Adriana Fuliș, Gabriela Vlase, Cristina Dehelean, Titus Vlase, Ionuț Ledeți, Synthesis and thermal behavior of new ambazone complexes with some transitional cations, J Ther Anal Cal, 2014, 118(2): 1305-1311
2. **Soica, C**, Trandafirescu, C, Danciu, C, Muntean, D, Dehelean, C, Simu, G, New Improved Drug Delivery Technologies for Pentacyclic Triterpenes: A Review, Prot Pept Lett, 21(11), 1137-1145, 2014
3. **Soica, C**; Danciu, C; Savoiu-Balint, G; Borcan, F; Ambrus, R; Zupko, I; Bojin, F; Coricovac, D; Ciurlea, S; Avram, S; Dehelean, CA; Olariu, T; Matusz, P, Betulinic Acid in Complex with a Gamma-Cyclodextrin Derivative Decreases Proliferation and in Vivo Tumor Development of Non-Metastatic and Metastatic B164A5 Cells, Int J Mol Sci, 2014, 15: 5, 8235-8255
4. **Soica, C**; Oprean, C; Borcan, F; Danciu, C; Trandafirescu, C; Coricovac, D; Crainiceanu, Z; Dehelean, CA; Munteanu, M, The Synergistic Biologic Activity of Oleanolic and Ursolic Acids in Complex with Hydroxypropyl-gamma-Cyclodextrin, Molecules, 2014, 19: 4, 4924-4940
5. Gheorgheosu D, Duicu O, Dehelean C, **Soica C**, Muntean D. Betulinic Acid as a Potent and Complex Antitumor Phytochemical: A Minireview. Anticancer Agents Med Chem., 2014; 14(7): 936-45
6. Dehelean CA, Feflea, S, Molnar, J, Zupko, I, **Soica, C**, Betulin as an Antitumor Agent Tested in vitro on A431, HeLa and MCF7, and as an Angiogenic Inhibitor in vivo in the CAM Assay, Nat Prod Commun., 7(8): 981-985, 2012.

7. Dehelean CA, **Soica C**, Ledeti I, Aluas M, Zupko I, Galuscan A, Cinta-Pinzaru S, Munteanu M, Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation, *Chemistry Central Journal*, 2012, 6(137), DOI:10.1186/1752-153X-6-137;
8. **Soica C**, Dehelean CA, Danciu C, Wang HM, Wenz G, Ambrus R, Bojin FM, Betulin Complex in γ -Cyclodextrin Derivatives: Properties and Antineoplastic Activities in In Vitro and In Vivo Tumor Models, *Int. J. Mol. Sci.*, 2012, 13(11), 14992-15011
9. **Soica CM**, Peev CI, Ciurlea S, Ambrus R, Dehelean C, Physico-chemical and toxicological evaluations of betulin and betulinic acid interactions with hydrophilic cyclodextrins, *Farmacia*, 2010, 58(5): 611-619.
10. Danciu C, **Soica C**, Csanyi E, Ambrus R, S, Peev C, Dehelean C, Changes in the anti-inflammatory activity of soy isoflavonoid genistein versus genistein incorporated in two types of cyclodextrin derivatives, *Chemistry Central Journal*, 2012, 6(58), DOI: 10.1186/1752-153X-6-58
11. **Soica C**, Peev C, Dehelean C, Aluas M, Zupko I, Kasa Peter, Alexa E, Physico-chemical comparison study of betulinic acid, betulin and birch bark extract and in vitro investigation of their cytotoxic effects towards skin epidermoid carcinoma (A431), breast carcinoma (MCF7) and cervix adenocarcinoma (HeLa) cell-lines, *Natural Product Research*, 2012, 26(10): 968-974
12. Borcan F, **Soica CM**, Ganta S, Amiji MM, Dehelean CA, Munteanu MF, Synthesis and preliminary in vivo evaluations of polyurethane microstructures for transdermal drug delivery, *Chemistry Central Journal*, 2012,6(87), DOI: 10.1186/1752-153X-6-87
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15. **Soica C**, Dehelean CA, Ordodi V, Antal D, Vlaia V, Complexation with hydroxipropilgamma cyclodextrin of birch tree extract. Physico-chemical characterisation of their binary products, *Revista de Chimie*, 2008, 59(6): 678-681
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17. **Șoica C**, Gyeresi A, Aigner Z, Kata M, Dehelean C, Obținerea și caracterizarea fizico-chimică a complexilor de incluziune ai unui diuretic sulfonamidic cu β -ciclodextrina metilată, Revista de Chimie, 2006, 57 (4): 392-397

Co-autor

18. Corina Danciu, **Codruța Șoica**, Cristina Dehelean, Istvan Zupko, Erzsebet Csanyi, and Iulia Pinzaru, Preliminary In Vitro Evaluation of Genistein Chemopreventive Capacity as a Result of Esterification and Cyclodextrin Encapsulation, Analytical Cellular Pathology, vol. 2015, Article ID 262930, 8 pages, 2015. doi:10.1155/2015/262930

19. Minda, D; Pavel, IZ; Borcan, F; Coricovac, D; Pinzaru, I; Andrica, F; Morgovan, C; Nita, LD; **Șoica, C**; Muntean, D; Toma, CC, Beneficial Effects of a Lupeol-Cyclodextrin Complex in a Murine Model of Photochemical Skin Carcinoma, Rev Chim, 2015, 66: 373-377

20. Ionuț Ledeti, Vasile Bercean, Anda Alexa, **Codruța Șoica**, Lenuța-Maria Șuta, Cristina Dehelean, Cristina Trandafirescu, Delia Muntean, Monica Licker, Adriana Fuliș, Preparation and Antibacterial Properties of Substituted 1,2,4-Triazoles, Journal of Chemistry, vol. 2015, Article ID 879343, 5 pages, 2015. doi:10.1155/2015/879343

21. Szilvia Berkó, Boglárka Balázs, Blanka Sütő, Gábor Erős, Brigitta Gál, Anita Sztojkov-Ivanov, **Codruța Șoica**, Piroška Szabó-Révész, Lajos Kemény, István Zupkó, Erzsébet Csányi, Monitoring Of Skin Penetration And Absorption With A New In Vivo Experimental Model, Farmacia, 2014, 62: 1157-1163

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23. Corina Danciu, Alexandru Caraba, Florina Bojin, **Codruța Șoica**, Georgeta Maria Simu, Sorina Ciurlea, Camelia Peev, Ioana Mihaela Citu, Iulia Panzaru, Genistein Does Not Induce Caspase 2 Activation In Vitro On B16 Melanoma Cell Lines, Farmacia, 2014, 62, 753-760

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53. Peev Camelia, Vlase Laurian, Dehelean Cristina, **Șoica Codruta**, Feflea Stefana, Alexa Ersilia, HPLC Comparative Analysis Of Polyphenolic Content Of Propolis And Black Poplar Foliar Bud Extracts, *ACTUAL TASKS ON AGRICULTURAL ENGINEERING, PROCEEDINGS Book Series: Actual Tasks on Agricultural Engineering-Zagreb* Editor(s): Kosutic, S, 37, 395-404 Published: 2009

D. PUBLICAȚII ÎN REVISTE românești în baze de date internaționale

D1. In reviste necotate ISI dar care se găsesc în baze de date internaționale

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