

LISTA DE LUCRĂRI¹ a candidatului SEIMAN CORINA

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări menționate mai jos (cu referințe bibliografice complete):

- R1. Stan E, Muresan C-O, Dumache R, Ciocan V, Ungureanu S, Mihailescu A, Daescu E, **Duda-Seiman C**, Menghiu G, Hutanu D, et al. From Jane Doe to Sofia: DNA Extraction Protocol from Bones and Teeth without Liquid Nitrogen for Identifying Skeletal Remains. *International Journal of Molecular Sciences*. 2024; 25(10):5114. WOS:001232594700001. <https://doi.org/10.3390/ijms25105114>. ISSN: 1422-0067. **IF (2023) = 4.9 (autor principal – autor de corespondență).**
- R2. **Duda-Seiman C**, Duda-Seiman D, Ciubotariu D, Putz MV. QSAR by Minimal Topological Difference[s]. Post-modern perspectives. *Current Medicinal Chemistry*. 2020;27(1):42-53. WOS:000514830900006. ISSN 1875-533X (online) ISSN 0929-8673 (print). DOI [10.2174/0929867326666190704124857](https://doi.org/10.2174/0929867326666190704124857). **IF (2019) = 4.184; IF (2020) = 4.53. IF (2023) = 3.5 (prim autor).**
- R3. Putz MV, **Duda-Seiman C**, Duda-Seiman D, Putz AM, Alexandrescu I, Mernea M, Avram S. Chemical Structure-Biological Activity Models of Pharmacophores' 3D-Interactions. *Int J Mol Sci*. 2016;17(7). pii: E1087. WOS:000381500900102. ISSN 1422-0067. ISSN 1661-6596 for printed edition. <https://doi.org/10.3390/ijms17071087>. **IF (2016) = 3.226. IF (2020) = 5.924. IF (2023) = 4.9. (autor principal – cu contributie egala).**
- R4. Avram S., Mernea M., Mihailescu D., Duda Seiman D., **Duda Seiman C**. Advanced QSAR methods evaluated polycyclic aromatic compounds duality as drugs and inductors in psychiatric disorders. *Current Organic Chemistry*. 2013;17(23):2880-2890. WOS:000328895000006. ISSN 1385-2728; eISSN 1875-5348. DOI: [10.2174/13852728113179990132](https://doi.org/10.2174/13852728113179990132). **IF (2013) = 2.537; IF (2020) = 2.18. IF (2023) = 1.7 (autor principal - ultim autor).**
- R5. Putz MV, Lazea M, Putz AM, **Duda-Seiman C**. Introducing Catastrophe-QSAR. Application on Modeling Molecular Mechanisms of Pyridinone Derivative-Type HIV Non-Nucleoside Reverse Transcriptase Inhibitors. *Int J Mol Sci*. 2011;12(12):9533-9569. WOS:000298405100075. ISSN 1422-0067. ISSN 1661-6596 for printed edition. DOI: [10.3390/ijms12129533](https://doi.org/10.3390/ijms12129533). **IF (2010) = 2.279. IF (2020) = 5.924. IF (2023) = 4.9. (autor principal - ultim autor).**
- R6. D. M. Duda-Seiman, S. Avram, S. Mancas, V. Careja, **C. Duda-Seiman**, M. V. Putz and D. Ciubotariu. MTD-CoMSIA modelling of HMG-CoA reductase inhibitors. *J Serb Chem Soc*. 2011;76(1):85-99. WOS:000287060100010. ISSN 0352-5139. doi: [10.2298/JSC100601019D](https://doi.org/10.2298/JSC100601019D). **IF (2011) = 0.879. IF (2020) = 1.24. IF (2023) = 1. (autor principal - autor de corespondenta).**
- R7. **Corina Duda-Seiman**, T. Vlase, Rodica Cinca, Mariana Anghel, N. Doca. Thermal behaviour of verapamil in pure and in solid dosage forms. *J Therm Anal Calorim*. 2011;105:851-858. WOS:000294014000014. ISSN 1388-6150. DOI: [10.1007/s10973-011-1460-6](https://doi.org/10.1007/s10973-011-1460-6). **IF (2011) = 1.604. IF (2020) = 4.626. IF (2023) = 3. (prim autor).**
- R8. **Corina Duda-Seiman**, T. Vlase, Gabriela Vlase, D. Duda-Seiman, P. Albu, N. Doca. Thermal Analysis study of Amlodipine as pure compound and in binary system. *J Therm Anal Calorim*. 2011;105:677-683. WOS:000293213000039. ISSN 1388-6150. DOI: [10.1007/s10973-011-1431-y](https://doi.org/10.1007/s10973-011-1431-y). **IF (2011) = 1.604. IF (2020) = 4.626. IF (2023) = 3. (prim autor).**
- R9. **Corina Duda-Seiman**, D. Duda-Seiman, M.V. Putz, D. Ciubotariu. QSAR modeling of anti-HIV activity with HEPT derivatives. *Digest Journal of Nanomaterials and Biostructures*. 2007;2(2):207-219. ISSN 1842-3582. WOS:000256515600002. **IF (2007) = -. IF (2020) = 0.963. IF (2023) = 1. (prim autor)**
- R10. **Corina Duda-Seiman**, Daniel Duda-Seiman, Dan Dragoș, Mihai Medeleanu, Valentin Careja, Mihai Putz, Ana-Maria Lacrămă, Adrian Chiriac, Remus Nuțiu, Dan Ciubotariu. Design of Anti-Hiv Ligands by Means of Minimal Topological Difference (MTD) Method. *Int J Mol Sci*. 2006;7:537-555. WOS:000243258800006. ISSN 1422-0067. ISSN 1661-6596 for printed edition. DOI: [10.3390/ijms71110537](https://doi.org/10.3390/ijms71110537). **IF (2006) = 0.741. IF (2016) = 3.226. IF (2020) = 5.924. IF (2023) = 4.9. (prim autor)**

2. Teza/tezele de doctorat:

T1. Studii structură – activitate biologică (QSAR) în clasa compușilor pirimidinici cu activitate anti-HIV. Universitatea de Vest din Timișoara. Coordonator: Prof. Dr. Remus Nuțiu. Data susținerii: 12.05.2005. Diploma: Seria E, Nr. 0007773, în baza Ordinului MEC nr. 4802/15.08.2005. Doctor în Chimie.

T2. Mecanismele blocării canalelor de calciu – abordări în silico – cu impact în proiectarea de noi antagoniști specifici. Universitatea de Medicină și Farmacie "Victor Babeș" din Timișoara. Coordonator: Prof. univ. dr. Cinca Rodica. Data susținerii: 6.07.2012. Diploma: Seria H, Nr. 0027129, în baza Ordinului MEC nr. 3250/20.02.2013. Doctor în Medicină.

¹ Se prezintă obligatoriu și în format PDF, obținut prin *conversie* a fișierului Word sau Excel, cu semnătura în clar, fără semnătura olografă (nu scanat).

3. Brevete de invenție și alte titluri de proprietate intelectuală (dacă este cazul):

B1.
B2.

4. Cărți de specialitate și capitole în cărți de specialitate (cu referințe bibliografice complete):

- C1. Vlase G, **Duda-Seiman C.** Metode fizico-chimice de analiză a substanțelor cu activitate biologică. Editura Mirton, Timișoara, 2012 (format electronic). ISBN 978-973-52-1211-7
- C2. Avram S, Buiu C, Mihailescu D, Duda-Seiman D, **Duda-Seiman C.** Neuropsihofarmacologie. Editura Universitara, 2010. ISBN 978-973-749-793-2
- C3. **Duda-Seiman C,** Avram S, Duda-Seiman D, Mihăilescu D, Bolcu C, Ciubotariu D, Cincea R. Tehnici QSAR în proiectarea medicamentelor. Edition 1, Editura Mirton, Timișoara, 2010. ISBN 978-973-52-0787.
- C4. Preda G, Bolcu C, Albușescu M, Modra D, **Duda-Seiman C,** Puscas C. Lucrări practice de chimie organică. Editura Mirton, Timișoara, 2010.
- C5. Bolcu Constantin, Seiman Ioan, **Duda-Seiman Corina,** Borcan Florin. *Tehnologii moderne de obtinere a unor tipuri speciale de poliuretani.* Ed. Eurostampa Timișoara, 2008. ISBN 978-973-687-668-4
- C6. **C. Duda-Seiman,** D. Duda-Seiman, D. Ciubotariu. Principii generale în QSAR. În: Cercul principiilor, vol.1, Editura Universității de Vest, 2007, p.231-239.
- C7. Constantin Bolcu, **Corina Duda-Seiman,** Dorina Modra. Chimie organica. Functiuni compuse, functiuni mixte si combinatii heterociclice cu caracter aromatic cu un heteroatom. Ed. Mirton Timisoara, 2007.
- C8. Maria Nutiu, **Corina Duda-Seiman,** Daniel Duda-Seiman, Rodica Mrejeru, Amalia Carstea. Compuși pirimidinici cu actiune antibacteriana. Ed. Mirton Timisoara, 2006.
- C9. Daniel M. Duda-Seiman, Silvia Mancas, **Corina Duda-Seiman,** Remus Nutiu, Dan Ciubotariu. Biochimia inhibitorilor de HMG-CoA reductaza. Ed. Mirton Timisoara, 2006.
- C10. Constantin Bolcu, Ioan Seiman, **Corina Duda-Seiman.** Procesarea spumelor poliuretanic. Editura Mirton, Timișoara, 2005.
- C11. **Corina Duda-Seiman,** Daniel Duda-Seiman, Remus Nuțiu, Dan Ciubotariu. Relații cantitative structură-activitate biologică (QSAR) la compușii anti-HIV. Editura Mirton, Timișoara, 2005.
- C12. Remus Nuțiu, Gabriela Preda, Constantin Bolcu, Mariana Albușescu, Dorina Modra, Rodica Iagher, **Corina Duda-Seiman,** Cristian Bologa, Cosmina Pușcaș. Lucrări practice de chimie organică. Editura Mirton, Timișoara, 2005.
- C13. **Corina Duda-Seiman,** Remus Nuțiu. Hidrazinopirimidine. Editura Eurostampa, 2004.
- C14. Constantin Bolcu, Dorina Modra, Mariana Albușescu, **Corina Duda-Seiman.** Exerciții de Chimie Organică. Editura Eurostampa, Timișoara, 2004.
- C15. Nicoleta Suceveanu, Remus Nuțiu, **Corina Duda-Seiman,** Dorina Ardelean, Aurel Ardelean. Compuși pirimidinici - potențiale medicamente anti-HIV. "Vasile Goldiș" Univ. Press, Arad, 2004.
- C16. Constantin Bolcu, Ioan Seiman, **Corina Duda-Seiman.** Chimia poliuretanilor la începutul mileniului 3. Editura Eurostampa, Timișoara, 2003.
- C17. Remus Nuțiu, Dorina Modra, Iagher Rodica, Constantin Bolcu, Mariana Albușescu, **Corina Seiman.** Lucrări practice de chimie organică. vol. 2, Editura Eurostampa, Timișoara, 2003.
- C18. Mariana Albușescu, Constantin Bolcu, **Corina Seiman.** Chimie organică - compuși poliheterociclici și compuși naturali cu importanță fiziologică. vol. VI, Editura Eurostampa, Timișoara, 2002.
- C19. Constantin Bolcu, **Corina Seiman.** Chimie Organică - Coloranți Organici. vol. V, Editura Eurostampa, Timișoara, 2002.
- C20. Constantin Bolcu, **Corina Seiman.** Componenta poliesterica pentru adezivii poliuretanic bicomponenți. Seria Monografiile de Chimie, nr. 41, Tipografia Universității de Vest Timișoara, 2001.
- C21. **Duda-Seiman Corina,** Daniel-Duda-Seiman and Mihai V. Putz. Drug Development. Chap.10. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), Vol. 3: *Sustainable Nanochemistry*. ISBN 9781771887793. **(prim autor)**
- C22. **Duda-Seiman Corina,** Daniel-Duda-Seiman and Mihai V. Putz. HIV-Integrase. Chap. 14. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), Vol. 3: *Sustainable Nanochemistry*. ISBN 9781771887793. **(prim autor)**
- C23. **Duda-Seiman Corina,** Daniel-Duda-Seiman and Mihai V. Putz. Minimal Topological Difference. Chap.19. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), Vol. 3: *Sustainable Nanochemistry*. ISBN 9781771887793. **(prim autor)**
- C24. **Duda-Seiman Corina,** Daniel-Duda-Seiman and Mihai V. Putz. Receptor Binding. Chap. 26. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), Vol. 3: *Sustainable Nanochemistry*. ISBN 9781771887793. **(prim autor)**
- C25. Bogdan Bumbăcilă, **Corina Duda-Seiman,** Daniel Duda-Seiman, and Mihai V. Putz. Cancer/Anti-Cancer Chemotherapy: Pharmacological Management. Chap. 4. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), Vol. 3: *Sustainable Nanochemistry*. ISBN 9781771887793.
- C26. Bogdan Bumbăcilă, **Corina Duda-Seiman,** Daniel Duda-Seiman, and Mihai V. Putz. Diabetes Mellitus/Anti-DM Pharmacological Management. Chap. 9. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), Vol. 3: *Sustainable Nanochemistry*. ISBN 9781771887793.

- C27. Bogdan Bumbăcilă, **Corina Duda-Seiman**, Daniel Duda-Seiman, and Mihai V Putz. HIV Infection/AIDS/Anti-HIV and AIDS: Pharmacological Management. Chap.13. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), *Vol. 3: Sustainable Nanochemistry*. ISBN 9781771887793.
- C28. Mihai V. Putz, Ana-Maria Putz, **Corina Duda-Seiman**, and Daniel Duda-Seiman. Logistic Enzyme Kinetics. Chap. 17. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), *Vol. 3: Sustainable Nanochemistry*. ISBN 9781771887793.
- C29. Mihai V Putz, Ana-Maria Putz, **Corina Duda-Seiman**, and Daniel Duda-Seiman. Spectral-SAR. Chap. 29. In: (2020) *New Frontiers in Nanochemistry: Concepts, Theories and Trends* (Putz MV, Editor), Apple Academics & CRC Press (Taylor & Francis Group), Ontario (Canada), *Vol. 3: Sustainable Nanochemistry*. ISBN 9781771887793.
- C30. **Duda-Seiman Corina**, Avram S, Duda-Seiman D, Bumbăcilă B, Borcan F, Cincă R. Calcium Channel Blockers: Past and Future. In: Recent Trends on QSAR in the Pharmaceutical Perceptions. Mahmud Tareq Hassan Khan (Ed.). Bentham Science Publishers. 2012:51-62. (eISBN 978-1-60805-379-7). https://eurekaselect.net/ebook_volume/1079 (**prim autor**)
- C31. Speranta Avram, Catalin Buiu, **Corina Duda-Seiman**, Florin Borcan, Daniel Duda-Seiman, Dan Mihailescu. Evaluation of the Pharmacological Descriptors Related to the Induction of Antimicrobial Activity by Using QSAR and Computational Mutagenesis. In: Recent Trends on QSAR in the Pharmaceutical Perceptions. Mahmud Tareq Hassan Khan (Ed.). Bentham Science Publishers. 2012:63-98. (eISBN 978-1-60805-379-7). https://eurekaselect.net/ebook_volume/1079
- C32. Putz M.V., Duda-Seiman D., Măcaș S., **Duda-Seiman C.**, Lăcrămă A.-M. Quantum and Topological Impact on HMG-CoA Reductase Inhibitors. (2008) "ADVANCES IN QUANTUM CHEMICAL BONDING STRUCTURES" Mihai V. Putz (Ed.). Transworld Research Network, Kerala, India. ISBN: 978-81-7895-306-9; Chapter 15, pp. 355-387 URL: <http://www.trnres.com/putz.htm>.
- C33. Putz M.V., **Duda-Seiman C.**, Duda-Seiman D.M., Putz A.-M. Turning SPECTRAL-SAR into 3D-QSAR Analysis. Application on H⁺K⁺-ATPase Inhibitory Activity. (2011) "ADVANCES IN CHEMICAL MODELING" . Mihai V. Putz (Ed.) NOVA Science Publishers Inc., New York, USA ISBN: 978-1-61209-028-3. Chapter 33, pp. 453-467 URL: https://www.novapublishers.com/catalog/product_info.php?products_id=20389
- C34. Putz M.V., **Duda-Seiman C.**, Duda-Seiman D.M., Bolcu C. Bondonic Chemistry: Consecrating Silanes as Metallic Precursors for Silicenes Materials. "EXOTIC PROPERTIES OF CARBON NANOMATTER: ADVANCES IN PHYSICS AND CHEMISTRY". Mihai V. Putz, Ottorino Ori (Eds.) Springer Verlag, Dordrecht, NL Hardcover ISBN: 978-94-017-9566-1. E-Book ISBN 978-94-017-9567-8 Chapter 12; DOI 10.1007/978-94-017-9567-8_12; pp. 323-346 URL: <http://www.springer.com/chemistry/theoretical+and+computational+chemistry/book/978-94-017-9566-1>.

5. Articole/studii *in extenso* în reviste de specialitate (cu referințe bibliografice complete):

- A1. Stan E, Muresan C-O, Dumache R, Ciocan V, Ungureanu S, Mihailescu A, Daescu E, **Duda-Seiman C**, Menghiu G, Hutanu D, et al. From Jane Doe to Sofia: DNA Extraction Protocol from Bones and Teeth without Liquid Nitrogen for Identifying Skeletal Remains. *International Journal of Molecular Sciences*. 2024; 25(10):5114. WOS:001232594700001. <https://doi.org/10.3390/ijms25105114>. ISSN: 1422-0067. **IF (2023) = 4.9 (autor principal – autor de corespondență)**.
- A2. Cretu C, Nicola R, Marinescu S-A, Picioruș E-M, Suba M, **Duda-Seiman C**, Len A, Illés L, Horváth ZE, Putz A-M. Performance of Zr-Based Metal–Organic Framework Materials as In Vitro Systems for the Oral Delivery of Captopril and Ibuprofen. *International Journal of Molecular Sciences*. 2023; 24(18):13887. WOS:001073871900001. <https://doi.org/10.3390/ijms241813887>. ISSN: 1422-0067. **IF (2023) = 4.9**.
- A3. Tîrziu A, Avram S, Mada L, Crișan-Vida M, Popovici C, Popovici D, Faur C, **Duda-Seiman C**, Păunescu V, Vernic C. Design of a Synthetic Long Peptide Vaccine Targeting HPV-16 and -18 Using Immunoinformatic Methods. *Pharmaceutics*. 2023; 15(7):1798. WOS:001036471200001. <https://doi.org/10.3390/pharmaceutics15071798>. ISSN: 1999-4923. **IF (2023) = 4.9**
- A4. Avram S, Manoliu L, Sogor C, Mernea M, **Duda Seiman C**, Duda-Seiman D, Chifiriuc C. Structural bioinformatics used to predict the protein targets of remdesivir and flavones in SARS-CoV-2 infection. *Medicinal Chemistry*. 2022;18(3):383-393. WOS:000745043300001. DOI: [10.2174/1573406417666210806154129](https://doi.org/10.2174/1573406417666210806154129). ISSN 1573-4064; eISSN 1875-6638. **IF (2020) = 2.745. IF (2023) = 1.9**.
- A5. Pascu B, Negrea A, Ciopec M, Duteanu N, Negrea P, Nemes NS, **Seiman C**, Marian E, Micle O. A Green, Simple and Facile Way to Synthesize Silver Nanoparticles Using Soluble Starch. pH Studies and Antimicrobial Applications. *Materials*. 2021;14:4765. WOS:000689447700001; AIS 0.597; eISSN 1996-1944. <https://doi.org/10.3390/ma14164765>. **IF (2020) = 3.623. IF (2023) = 3.1**.
- A6. **Duda-Seiman C**, Duda-Seiman D, Ciubotariu D, Putz MV. QSAR by Minimal Topological Difference[s]. Post-modern perspectives. *Current Medicinal Chemistry*. 2020;27(1):42-53. WOS:000514830900006. ISSN 1875-533X (online) ISSN 0929-8673 (print). DOI [10.2174/0929867326666190704124857](https://doi.org/10.2174/0929867326666190704124857). **IF (2019) = 4.184; IF (2020) = 4.53. IF (2023) = 3.5 (prim autor)**.
- A7. Melania Ardelean, Roxana Buzas, Norina Basa, Daniel Lighezan, **Corina Duda-Seiman**, Daniel Duda-Seiman, Nicolae Constantin Balica, Ovidiu Ardelean. Contrast enhanced ultrasound of splenic lymphoma involvement Case presentation. *Revista de Chimie*. 2019;70(8):2993-2995. WOS:000489685600060 ISSN 0034-7752; ISSN Online 2668-8212. <https://doi.org/10.37358/RC.19.8.7471>. **IF (2019) = 1.755**.
- A8. Avram S, Udrea AM, Negrea A, Ciopec M, Duteanu N, Postolache C, **Duda-Seiman C**, Duda-Seiman D, Shaposhnikov S. Prevention of deficit in neuropsychiatric disorders through monitoring of arsenic and its derivatives as well as through bioinformatics and cheminformatics. *International Journal of Molecular Sciences*. 2019;20:1804. WOS:000467648700002. ISSN 1422-0067. ISSN 1661-6596 for printed edition. doi:[10.3390/ijms20081804](https://doi.org/10.3390/ijms20081804). **IF (2019) = 4.556. IF (2020) = 5.924. IF (2023) = 4.9**.

- A9. Rada M, Berceanu-Vaduva D, Velimirovici M, Dragan S, Duda-Seiman D, Berceanu-Vaduva M, **Duda-Seiman C**, Tudoran M, Velimirovici D. Study upon the serum level of uric acid and the metabolic syndrome components. *Rev Chim.* 2019;70(3):1062-1066. WOS:000464911600066. ISSN Print 0034-7752; ISSN Online 2668-8212. [master.pmd_2 \(revistadechimie.ro\)](#). **IF (2019) = 1.755.**
- A10. Duda-Seiman D, Batalu A, **Duda-Seiman C**, Ciopec M, Udrea AM, Motoc M, Negrea A, Avram S. Pharmacological effects of natural compounds extracted from *Urtica dioica* evaluated by in silico and experimental methods. *Rev Chim.* 2018;69(9):2377-2381. WOS:000449628400014. ISSN Print 0034-7752; ISSN Online 2668-8212. <https://doi.org/10.37358/RC.18.9.6537>. **IF (2018) = 1.605; IF (2019) = 1.755.**
- A11. Velimirovici DE, Rada M, Berceanu Vaduva DM, Velimirovici MD, Dragan S, Duda-Seiman DM, Cipu D, **Duda-Seiman C**, Stancu A, Berceanu Vaduva MM. Study regarding the serum level of uric acid and the metabolic syndrome. *Rev Chim.* 2018;69(11):3018-3022. WOS:000451931500013. ISSN Print 0034-7752; ISSN Online 2668-8212. DOI:[10.37358/RC.18.11.6674](https://doi.org/10.37358/RC.18.11.6674). **IF (2018) = 1.605; IF (2019) = 1.755.**
- A12. Putz MV, **Duda-Seiman C**, Duda-Seiman D, Putz AM, Alexandrescu I, Mernea M, Avram S. Chemical Structure-Biological Activity Models of Pharmacophores' 3D-Interactions. *Int J Mol Sci.* 2016;17(7). pii: E1087. WOS:000381500900102. ISSN 1422-0067. ISSN 1661-6596 for printed edition. <https://doi.org/10.3390/ijms17071087>. **IF (2016) = 3.226. IF (2020) = 5.924. IF (2023) = 4.9. (autor principal – cu contributie egala)**
- A13. Avram S., Mernea M., Mihailescu D., **Duda Seiman C.**, Duda Seiman D., Putz M. Mitotic checkpoint proteins Mad1 and Mad2 – Structural and functional relationship with implication in genetic diseases. *Current Computer Aided Drug Design.* 2014;10(2):168-181. WOS:000340815300009. ISSN 1573-4099. [doi: 10.2174/1573409910666140410124315](https://doi.org/10.2174/1573409910666140410124315). **IF (2014) = 1.268; IF (2019) = 0.935; IF (2020) = 1.606. IF (2023) = 1.5.**
- A14. Buiu C, Avram S, Duda-Seiman D, Milac AL, **Duda-Seiman Corina**, Pacureanu L, Borcan F. More effective DPP4 inhibitors as antidiabetics based on sitagliptin applied QSAR and clinical methods. *Current Computer Aided Drug Design.* 2014;10(3):237-249. WOS:000350338600007. ISSN 1573-4099. DOI: [10.2174/157340991003150302230811](https://doi.org/10.2174/157340991003150302230811). **IF (2014) = 1.268; IF (2019) = 0.935; IF (2020) = 1.606. IF (2023) = 1.5.**
- A15. Avram S., Mernea M., Mihailescu D., Duda Seiman D., **Duda Seiman C.** Advanced QSAR methods evaluated polycyclic aromatic compounds duality as drugs and inductors in psychiatric disorders. *Current Organic Chemistry.* 2013;17(23):2880-2890. WOS:000328895000006. ISSN 1385-2728; eISSN 1875-5348. DOI: [10.2174/13852728113179990132](https://doi.org/10.2174/13852728113179990132). **IF (2013) = 2.537; IF (2020) = 2.18. IF (2023) = 1.7 (autor principal - ultim autor)**
- A16. Avram S, Buiu C, Duda-Seiman D, **Duda-Seiman C**, Borcan F, Mihăilescu D. Evaluation of the Pharmacological Descriptors Related to the Induction of Antidepressant Activity and its Prediction by QSAR/QRAR Methods. *Mini-Reviews in Medicinal Chemistry.* 2012;12:467-476. WOS:000305730800004. ISSN 1389-5575; eISSN 1875-5607. DOI: [10.2174/138955712800493834](https://doi.org/10.2174/138955712800493834). **IF (2012) = 2.865; IF (2020) = 3.862. IF (2023) = 3.3.**
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G1. „Noi aditivi obtinuti pe baza de compusi organici ai siliciului utilizati pentru imbunatatirea proprietatilor produselor compozite organico-anorganice” (ADSIL). Programul Operational Sectorial „Cresterea Competitivitatii Economice”, Axa Prioritara 2 – Competitivitate prin CDI. Operatiunea 2.1.1: „Proiecte de CD in parteneriat intre universitati/institute de cercetare si intreprinderi. ID nr. 456 / 11805. Numar contract finantare: 231 /16.08.2010. Perioada de derulare a proiectului: 24 luni (16.08.2010 -15.08.2012). Coordonator: conf. dr. ing. C-tin Bolcu. Pozitia in proiect: **membru in echipa de cercetare**.

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9. Traduceri de lucrări științifice:

TR1.
TR2.
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Declar pe proprie răspundere că datele prezentate sunt în conformitate cu realitatea

Data 5.12.2024

(prenume, nume, semnătura)

CORINA SEIMAN

