

Lista de lucrări publicate / participări la conferințe

Articole publicate în reviste Web of Science (WoS)

1. Silvesan L., Cimpoiu C., Casoni, D*, *A new HPTLC-image analysis approach for assessing interactions and antioxidant profiles of adrenergic drugs*, **Journal of chromatography A**, 1772 (2026) 466774.
2. Bükér E., Casoni D., 3,4, Cobzac S. C. A., Bilici İ., Kayır Ö., Doğan H., *LC-MS/MS characterization, biological activity, and carbonic anhydrase inhibitory potential of five medicinal plant extracts from Romania and Türkiye*, **Scientific Reports**, 16 (2026) 7023.
3. Avsar A.K ; Bükér E .,Yildirim, E., Casoni D*, Cobzac S.C.A., *Neuroprotective and Renoprotective Potential of a Hydroethanolic Extract From the Aerial Parts of Mattiastrum paphlagonicum Bornm. (Boraginaceae)*, **Chemistry & Biodiversity**, 23 (2026) e03371.
4. Bükér E., Kiran F., Taliboglu S., Casoni D.*, Ipekel, A., *In Vitro Evaluation of Olive Leaf (Olea europaea L.) Extract as a Functional Food Component in Combination with Chemotherapeutics in MCF-7 Breast Cancer Cells*, **Pharmaceuticals** 18 (2025) 965.
5. Bükér E., Kayabas Avsar A., Yildirim E., Casoni D., Cobzac S.C.A., Cimpoiu, C., *Unveiling the Potential of Three Endemic Gypsophila L. (Caryophyllaceae) Taxa as Promising Carbonic Anhydrase Inhibitors-Bio-Metabolic Profiles and In Vitro Evaluation of Enzyme Inhibition and Antioxidant Capacity*, **Antioxidants** 14 (2025) 219.
6. Dinç E., Ari B., Bükér E., Casoni D., *Chemometric smart approaches using Artificial Neural Networks and Continuous Wavelet Transform for simultaneous quantitative analysis of ciprofloxacin – ornidazole tablets*, **Studia Universitatis Babes-Bolyai, Chemia**, LXX 1(2025) 203-219.
7. Bükér E., Casoni D*, Szasz M.C, Cobzac S.C.A., *New method for rapid detection and simultaneous determination of prohibited adrenergic drugs in sports using thin layer chromatography and image processing*, **Journal of Liquid Chromatography**, 47 (16-20) (2024) 1-8.
8. Casoni D*, Cobzac S.C.A., Simion I.M., *Feasibility of UV-Vis spectroscopy combined with pattern recognition techniques to authenticate the medicinal plant material from different geographical areas*, **Journal of Analytical Science and Technology**, 15(17) (2024).
9. Torok A.I., Casoni D., Senila M., Tanaselia C., Covaci E., Hoaghia M.-A., Neag E., Cadar O., Levei, E. A., Arghir R., Moldovan O. T., Constantin S., Frentiu T., *Spatial variability and hydro/geochemical profiling of the elemental composition of mineral deposits and drip water from caves using unsupervised chemometric modelling*, **Chemical Geology** 646 (2024) 121903.
10. Apan A., Casoni, D., Leonte D., Pop C., Iaru I., Mogos C., Zaharia V., *Heterocycles 52: The Drug-Likeness Analysis of Anti-Inflammatory Thiazolo[3,2-b][1,2,4]triazole and Imidazo[2,1-b][1,3,4]thiadiazole Derivatives*, **Pharmaceuticals** 17 (2024) 295.
11. Baumli J., Antal N., Casoni D., Cimpoiu C., *Use of Secondary Metabolites Profiling and Antioxidant Activity to Unravel the Differences between Two Species of Nettle*, **Plants** 12 (2023) 3233
12. Szasz M., Casoni D., Cimpoiu C., *Study on binding affinity profile, bioactivity, and lipophilicity of selected antipsychotic drugs*, **Journal of Liquid Chromatography & Related Technologies** 48 (6-10) (2023) 138-143.
13. Scrob T., Varodi S.M ., Vintila G. A., Casoni D, Cimpoiu C., *Estimation of degradation kinetics of bioactive compounds in several lingonberry jams as affected by different sweeteners and storage conditions*, **Food Chemistry** X, 16 (2022) 100471
14. Scrob T., Covaci E., Hosu A., Tanaselia C., Casoni D., Torok A.I., Frentiu T., *Effect of in vitro simulated gastrointestinal digestion on some nutritional characteristics of several dried fruits*, **Food Chemistry** 385 (2022) 132713

15. Casoni D., Simion I. M., Cobzac S.C.A., Kiraly A.G., *Development of a new micro-HPTLC protocol for total antioxidant potential determination of redox-active drugs*, **Studia Universitatis Babes-Bolyai, Chemia** 67(4) (2022) 235-247
16. Cobzac S.C.A., Olah N. K., Casoni D*., *Application of HPTLC Multiwavelength Imaging and Color Scale Fingerprinting Approach Combined with Multivariate Chemometric Methods for Medicinal Plant Clustering According to Their Species*, **Molecules** 26(23) (2021) 7225
17. Torok A. I., Levei E. A., Constantin S., Moldovan O. T., Senila M., Cadar O., Casoni D., Angyus S. B., Tanaselia C., Covaci E., Frentiu T., *Application of inductively coupled plasma spectrometric techniques and multivariate statistical analysis in the hydrogeochemical profiling of caves—Case study Cloșani, Romania*, **Molecules** 26(22) (2021) 6788
18. Cobzac S.C.A., Frentiu T., Balabanova B., Ruzdik N., Casoni D., *Regional pattern and characteristics of essential elements in several medicinal plants using spectrometric methods combined with multivariate statistical approaches*, **Studia Universitatis Babes-Bolyai, Chemia** LXVI 2 (2021) 9-22
19. Casoni D., Badea M., Cobzac S.C.A., *Fish roe sample preparation for synthetic food dyes determination by HPTLC*, **Studia Universitatis Babes-Bolyai, Chemia** LXVI 2 (2021) 265-275
20. Simion I. M., Casoni D.*, Sârbu C., *Multivariate color scale image analysis—thin layer chromatography for comprehensive evaluation of complex samples fingerprint*, **Journal of Chromatography B** 1170 (2021) 122590
21. Coman F. M., Leonte D., Toma A., Casoni D., Vlase L., Zaharia V., *Heterocycles 51: Lipophilicity investigation of some thiazole chalcones and aurones by experimental and theoretical methods*, **Journal of Separation Science** 43 (2020) 2784–2793
22. Casoni D., Ponta M., Bibica M.N., Lazar I. V., Frentiu T., *A free non-spectral interferences method based on inductively coupled plasma optical emission spectrometry for multielemental determination in multiminerals/multivitamin preparations*, **Revue Roumaine de Chimie** 65(6) (2020) 573-578
23. Cobzac S.C.A., Casoni D., Badea M., Balabanova B., Ruzdik N., *Ultraviolet-visible (UV-Vis) spectroscopy and cluster analysis as a rapid tool for classification of medicinal plants*, **Studia Universitatis Babes-Bolyai, Chemia** 64(4) (2019) 191-203
24. Casoni D*., Badiu R. R., Frentiu T., *Spectrophotometric determination and assessment of potential health risk of nitrite from meat and processed meat products*, **Studia Universitatis Babes-Bolyai, Chemia** LXIV 2, Tom I (2019) 265-277
25. Casoni D., Simion I.M., Sârbu C., *A comprehensive classification of edible oils according to their radical scavenging spectral profile evaluated by advanced chemometrics*, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 213 (2019) 204-209
26. Simion I.M., Casoni D., Sârbu C., *Classification of Romanian medicinal plant extracts according to the therapeutic effects using thin layer chromatography and robust chemometrics*, **Journal of Pharmaceutical and Biomedical Analysis** 163 (2019) 137-143
27. Simion I.M., Casoni D., Sârbu C., *Characterization and classification of medicinal plants according to their antioxidant profile estimated by thin layer chromatography assisted by chemometric expertise*, **Journal of Liquid Chromatography & Related Technologies** 41(6) (2018) 342-348
28. Dragan O., Tomuta I., Casoni D., Sârbu C., Campian R., Frentiu T., *Influence of mixed additives on the physicochemical properties of a 5.25% sodium hypochlorite solution: an unsupervised multivariate statistical approach*, **Journal of Endodontics** 44 (2), (2018) 280-285
29. Casoni D., Badea M., Bros I., Cobzac S. C. A., *Investigation on image processing parameters for plate evaluation in TLC analysis of mycotoxins*, **Studia Universitatis Babes-Bolyai, Chemia** LXII (3) (2017) 89-102
30. Casoni D., Olah N., Soran L., Cobzac S.C.A., *Comparison of different extraction techniques for the evaluation of polyphenols content in Summer savory extracts*, **Studia Universitatis Babes-Bolyai Chemia** LXII (3) (2017) 45-56
31. Simion I.M., Cobzac S.C.A., Casoni D., *Image analysis approaches to improve the thin layer chromatography-chemometric based investigations of natural extracts*, **Studia Universitatis Babes-Bolyai Chemia** LXII, 2 (Tom I) (2017) 67-80

32. Casoni D., Sârbu, C., *Chromatographic approach for the evaluation of radical-scavenging activity using a new time-monitoring image analysis method*, **Journal of Planar Chromatography - Modern TLC** 29 (2016) 299-305
33. Turdean, G.L. , Casoni D., Sârbu, C., *Structure-electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques*, **Journal of the Iranian Chemical Society** 13 (2016) 945-956
34. Toma, A., Leonte, **D.**, Zaharia, V., Sârbu, C., Casoni, D. *Heterocycles 37. Lipophilicity of new polyheterocyclic schiff bases and mannich bases estimated by thin-layer chromatography and computational methods*, **Revue Roumaine de Chimie**, 60 (2015) 677-687
35. Silai I.E. Fort I. C., Casoni D., Turdean G. L., *Epinephrine detection at Pt-nanoparticles modified graphite electrode by square-wave voltammetry*, **Revue Roumaine de Chimie** 60 (2015) 689-696.
36. Casoni D., Sima I. A., Sârbu, C., *Thin-layer chromatography—an image processing method for the determination of acidic catecholamine metabolites*, **Journal of Separation Science** 37 (2014) 2675–2681
37. Casoni D., Sârbu, C., *Comprehensive evaluation of antioxidant activity: A chemometric approach using principal component analysis*, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 118 (2014) 343–348
38. Caiali E., Casoni D., Petre I., David V., Sârbu C., *Parabens lipophilicity determination with mobile phases containing low and medium hydrophobic alcohols*, **Journal of Liquid Chromatography & Related Technologies** 37 (2014) 2287–2301
39. Cobzac S.C.A, Casoni D., Sârbu C., *Lipophilicity of amine neurotransmitter precursors, metabolites and related drugs estimated on various TLC plates*, **Journal of Chromatographic Science** 52 (2014) 1095–1103
40. Toma A., Hapău D., Casoni D., Zaharia V., *Heterocycles 33: Lipophilicity of a new class of thioethers estimated by Reversed-Phase Thin-Layer Chromatography and different computational methods*, **Journal of Chromatographic Science** 52 (2014) 1302-1307
41. Sima I. A., Casoni D., Sârbu C., *Rapid screening method for the diagnosis of adrenal tumors*, **Revue Roumaine de Chimie** 59 (2014) 965-970
42. Sima I. A., Casoni D., Sârbu C., *High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs*, **Talanta** 114 (2013) 117-123
43. Sârbu C., Casoni D*, *Comprehensive evaluation of biogenic amines and related drugs antiradical activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical*, **Central European Journal of Chemistry** 11 (2013) 679-688
44. Sima I. A., Casoni D., Sârbu C., *Simultaneous determination of carbidopa and levodopa using new TLC method and a free as detection reagent*, **Journal of Liquid Chromatography & Related Technologies** 36 (2013) 2395-2404
45. Fort I., Silai I.E., Casoni D., Turdean G.L, *Electrochemical study of isoprenaline and epinephrine at platinum-nanoparticles-chitosan modified graphite electrode*. **Studia UBB Chemia**, LVIII 4 (2013) 193-202
46. Silai I.E., Turdean G.L, Casoni D., *Electrochemical behavior of some catecholamines investigated by cyclic and square-wave voltammetry*. **Studia UBB Chemia** LVIII 4 (2013) 203-211
47. Casoni D., Sârbu C., *Comprehensive evaluation of lipophilicity of biogenic amines and related compounds using different chemically bonded phases and various descriptors*, **Journal of Separation Science** 35 (2012) 915-921
48. Sârbu C., Nascu-Briciu R. D., Casoni D., Kot-Wasik A., Wasik A., Namiesnik J. *Chromatographic lipophilicity determination using large volume injections of the solvents non-miscible with the mobile phase*, **Journal of Chromatography A** 1266 (2012) 53-60
49. Cobzac S.C.A, Casoni D., Pop D., *Tartrazine determination from mustard sample by TLC-Photodensitometry and TLC-Digital processing of images*, **Journal of Planar Chromatography - Modern TLC** 25 (2012) 542-547
50. Cobzac S.C.A, Casoni D., Fazakas A. L., Sârbu C, *Determination of food synthetic dyes in powder for jelly desserts using slit-scanning densitometry and image analysis methods*, **Journal of Liquid Chromatography & Related Technologies** 35 (2012) 1423-1443

51. Casoni D., Boldan A., Cobzac S. C., *TLC-densitometric determination of synthetic food colorants from pharmaceutical powders*, **Studia Universitatis Babeş-Bolyai, Chemia** 57(1) (2012) 83-92
52. Tuhutiu I. A., Casoni, D*, Sârbu, C., *Comparative study of different TLC-image analysis methods for quantitative evaluation of parabens in pharmaceutical suspensions*, **Studia Universitatis Babeş Bolyai, Chemia** (LVII) (2) (2012) 83-93
53. Casoni D., Tuhutiu I.A., Sârbu C., *Simultaneous determination of parabens in pharmaceutical preparations using High-Performance Thin-Layer Chromatography and image analysis*, **Journal of Liquid Chromatography & Related Technologies** 34 (2011) 805-816
54. Casoni D., Sârbu C., *Modeling of food preservatives chromatographic lipophilicity applying genetic algorithm and multiple linear regression*, **Revue Roumaine de Chimie** 56(4) (2011) 381-390
55. Casoni D., Sârbu C., *Comparative study of different oils and fats impregnated Thin-Layer Chromatographic Layers for the amino-acids lipophilicity estimation*, **Studia Universitatis Babeş-Bolyai, Chemia** LVI, 1 (2011) 45-61
56. Casoni D., Petre J., David V., Sârbu C., *Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors*, **Journal of Separation Science** 34 (2011) 247-254
57. Sârbu C., Casoni D., Kot-Wasik A., Wasik A., Namieśnik J., *Modeling of chromatographic lipophilicity of food synthetic dyes estimated on different columns*, **Journal of Separation Science** 33 (2010) 2219-2229
58. Casoni D., Cobzac C.S., Sârbu C., *A comparative study concerning the lipophilicity of some synthetic dyes estimated by thin layer chromatography and different computation methods*, **Revista de Chimie (Bucureşti)** 61 (3) (2010) 229-234
59. Cobzac C.S., Casoni D., Sârbu C., *An improved sample preparation of starch-based foods for synthetic dyes analysis*, **Studia Universitatis Babeş-Bolyai, Chemia XLV, 2 (Tom II)** (2010) 227-235
60. Casoni D., Kot-Wasik A., Namieśnik J., Sârbu C., *Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods*, **Journal of Chromatography A** 1216 (2009) 2456-2465
61. Casoni D., Sârbu C., *The lipophilicity of parabens estimated on reverse phases chemically bonded and oil-impregnated plates and calculated using different computation methods*, **Journal of Separation Science** 32 (14) (2009) 2377-2384
62. Casoni D., Sârbu C., *Lipophilicity of some preservatives estimated by RP-TLC using stationary phases with different polarity*, **Chromatographia** 70 (2009) 1277-1282.
63. Moţ A.C., Soponar F., Casoni D., Cobzac S.C., Sârbu C., *Simultaneous Spectrophotometric Determination of Some Food Dyes from Mixture Using Principal Component Regression*, **Revista de Chimie (Bucureşti)** 60(7) (2009) 647-652
64. Casoni D., Briciu R.D., Veres D., *The separation of some preservatives by thin layer chromatography*, **Studia Universitatis Babeş-Bolyai, Chemia** LIII, 4 (2008) 77-84
65. Briciu R. D., Casoni D., Bischin C., *Thin layer chromatography separation of some carotenoids, retinoids and tocopherols*, **Studia Universitatis Babeş-Bolyai, Chemia** LIII, 4 (2008) 67-75
66. Hodişan T, Casoni D., Beldean-Galea M. S., Cimpoiu C., *Identification and quantification of tocopherols in vegetable oils by Thin-Layer Chromatography*, **Journal of Planar Chromatography - Modern TLC** 21(3) (2008) 213-215
67. Cimpoiu C., Casoni D., Hosu A., Miclăuş V., Damian G., Hodişan T., *Separation and identification of eight hydrophilic vitamins using a new TLC method and Raman spectroscopy*, **Journal of Liquid Chromatography & Related Technologies** 28(16) (2005) 2551-2559
68. Soran M.L., Hodişan T, Curtui M., Casoni D., *TLC separation of rare earths using di(2-ethylhexyl)dithiophosphoric acid as complexing reagent*, **Journal of Planar Chromatography - Modern TLC** 18(102) (2005) 160-163
69. Sârbu C., Casoni D., Darabanţu M., Măiereanu C., *Quantitative structure-retention and retention-activity relationship of some 1,3-oxazolidine systems by RP-HPTLC and PCA*, **Journal of Pharmaceutical and Biomedical Analysis** 35 (2004) 213-219

70. Casoni D., Cîmpoiu C., Miclăuș V., Hodișan T., Gaspar C., *Optimization of the ternary mobile phases used in Thin-Layer Chromatography by the "Window Diagrams" method*, **Studia Universitatis Babes-Bolyai, Chemia XLIX**, 1 (2004) 85-92
71. Cîmpoiu C., Miclăuș V., Damian G., Puia M., Casoni D., Bele C., Hodișan T., *Identification of new phthalazine derivatives by HPTLC-FTIR and characterization of their separation using some molecular properties*, **Journal of Liquid Chromatography & Related Technologies** 26(16) (2003) 2687-2696.

Cărți publicate

1. *Metode de Imagistică elementală și moleculară*. Autori: Tiberiu Frențiu, Dorina Casoni. Presa Universitară Clujeană, 2019, ISBN 978-606-37-0584-7 (354 pagini)

Participări la conferințe

1. Casoni Dorina, Mureșan Angelica-Silvia, *New approach for the in-vitro evaluation of antioxidant potential of medicinal plants extracts using Thin-Layer Chromatography assisted by Image Analysis*, **26th International Symposium for High-Performance Thin-Layer Chromatography**, 9–11 Septembrie 2024, Budapesta, Ungaria. (Prezentare Poster)
2. Eda Bükler, Dorina Casoni, *Investigating the in-vitro diuretic activity and rosmarinic acid content of extracts from Olea europaea L. Ayvalik and Olea europaea L. Gemlik for potential health and medicinal purposes*, **International Conference on Nanobiotechnology and Pharmacy (ICNANOP - 2024)**, 9- 10 Iulie, 2024, Istanbul, Turcia. (Prezentare orală)
3. Cobzac Simona, Casoni Dorina, *Characterization of some pepper hydroalcoholic extracts by using thin layer chromatography coupled with image analysis*, **26th International Symposium for High-Performance Thin-Layer Chromatography**, 9–11 Septembrie 2024, Budapesta, Ungaria ((Prezentare Poster)
4. Dorina Casoni, Larisa Silveșan, *Evaluation of substrate-interaction effect on the antioxidant potential of adrenergic drugs using thin-layer chromatography with image analysis method*, **50th International conference of Slovak Society of Chemical Engineering – SSCHE 2024**, Tatranské Matliare, Slovakia, 20-24 May, 2024. (Prezentare Poster)
5. Cobzac Simona Codruța Aurora, Casoni Dorina, *Evaluation of the antioxidant activity of medicinal plants extracts based on the antiradical efficiency parameters determined by spectrophotometric assays*, **50th International conference of Slovak Society of chemical Engineering, SSCHE**, Tatranske Matliare, Slovakia, 20-24 Mai, 2024. (Prezentare Poster)
6. Dorina Casoni, Melinda Carmen Szasz, Ileana-Maria Simion, *Sensitive HPTLC method for simultaneous determination of adrenergic drugs prohibited in sport*, **27th International Symposium on Separation Sciences (ISSS 2023)**, September 24th -27th, 2023, Cluj-Napoca, Romania. (Prezentare orală)
7. Simona Codruta Aurora Cobzac, Dorina Casoni, *Determination of antioxidant potential of some medicinal plants extracts based on the ABTS^{•+} separation using micro-HPTLC-IA*, **49th International Conference of SSCHE**, Tatranske Matliare, Slovakia, 15 - 18 May, 2023. (Prezentare Poster)
8. Dorina Casoni, Ileana-Maria Simion, Melinda Carmen Szasz, *New chromatographic approach for rapid evaluation of antioxidant potential of adrenergic dugs*, **49th International Conference of SSCHE**, Tatranske Matliare, Slovakia, 15 - 18 May, 2023. (Prezentare Poster)
9. Eniko Covaci, Dorina Casoni, Simona Codruța Aurora Cobzac, *Elemental profile and antioxidant potential of selected medicinal plants from Romanian flora*, **49th International Conference of SSCHE**, Tatranske Matliare, Slovakia, 15 - 18 May, 2023. (Prezentare Poster)
10. Cobzac Simona Codruța Aurora, Casoni Dorina, *Potential use of micro-HPTLC-IA for the antioxidant activity evaluation of some medicinal plant extract from Romanian flora*, **7th International Symposium on Phytochemicals in Medicine and Food**, August 2 – August 7, 2023, Beijing, China. (Prezentare Poster)
11. Casoni Dorina, Cobzac Simona Codruța Aurora, Hosu Anamaria Delia, *New micro-HPTLC method assisted by image analysis for rapid determination of total antioxidant potential of medicinal plants extracts*, **16th World Congress on Polyphenols Applications**, September 28-29, 2023, Corinthia Palace, Malta. (Prezentare Poster)

12. Dorina Casoni, Alexandra-Gabriela Kiraly, Simona Codruța Cobzac, *New method for rapid identification and determination of selective adrenergic drugs using the micro-TLC approach*, **Conferința Națională de Chimie, Ediția XXXVI**, Călimănești-Căciulata, 04-07 octombrie 2022. (Prezentare Poster)
13. Casoni Dorina, Sârbu Costel, *Antioxidant Activity of Biogenic Amines and Related Compounds Estimated by 1,1-Diphenyl-2-Picrylhydrazyl (DPPH•) Test*, **12th Eurasia Conference on Chemical Sciences (EuAsCS-12)**, 16 - 21 April 2012, Corfu, Grecia. (Prezentare Poster)
14. Casoni Dorina, Sârbu Costel, *Antioxidant activity of catecholamines and related compounds by RP-TLC and digital processing of images of chromatographic plates*, **29th International Symposium on Chromatography (29th ISC 2012)**, 9 - 13 Septembrie 2012, Toruń, Polonia. (Prezentare Poster)
15. Casoni Dorina, Tuhuțiu (Sima) Ioana Anamaria, Sârbu Costel, *Lipophilicity of biogenic amines precursors, metabolites and related drugs estimated by RP-TLC and different computational methods*, **1st International Conference on Analytical Chemistry (RO - ICAC'2012), Analytical Chemistry for a Better Life**, 18 – 21 Septembrie 2012, Târgoviște, România, (Prezentare Poster)
16. Cobzac Simona Codruța, Fazakas Alexandru, Casoni Dorina, Sârbu Costel, *Simultaneous determination of food synthetic dyes in gelatin desserts by using new Thin-Layer Chromatographic techniques and digital processing of images*, **Healthy nutrition and public health**, 13-16 mai 2011, Brașov, România. (Prezentare Poster)
17. Casoni Dorina, Sârbu Costel, *Lipophilicity of Biogenic Amines Estimated by Thin-Layer Chromatography and Computational Methods*, **17th International Symposium on Separation Sciences**, 5-9 septembrie, 2011, Cluj-Napoca România. (Prezentare Poster)

Granturi / Proiecte de cercetare

1. Grant pentru tineri cercetători (GTC - 34063/2013, perioada noiembrie 2013 – Octombrie 2014) - *Metode cromatografice eficiente bazate pe prelucrarea digitală a imaginii pentru monitorizarea metaboliților aminelor biologic active* – Director de grant
2. Grant de cercetare postdoctorală (în cadrul POSDRU/89/1.5/S/60189 *Postdoctoral Programs for Sustainable Development in a Knowledge Based Society*, perioada Iunie 2011 – Martie 2013) - *Caracterul antioxidant și lipofilitatea unor compuși naturali cu azot și a unor medicamente cu structură asemănătoare* – Director de grant
3. Proiect PNII/IDEL/ID560/2007 (Perioada ianuarie 2008 – octombrie 2010) - *Modelarea proprietăților fizico-chimice și predicția activității biologice a unor clase de compuși de interes deosebit pentru calitatea și securitatea alimentară* – Membru în echipa de cercetare
4. Proiect PN-II-ID-PCE-2011-3-0366 (Perioada octombrie 2011 – octombrie 2016) - *Evaluarea comprehensivă a activității redox și lipofilității pentru aminele biogene și compuși înrudiți* – Membru în echipa de cercetare
5. Proiect PN-III-P1-1.1-TE-2021-0655 (perioada mai 2022-iunie 2024) - *Noi abordări cromatografice pentru evaluarea profilului antioxidant/prooxidant al medicamentelor redox-active* - Director de proiect
6. Proiect PN-III-P2-2.1-PED-2021-1116 (perioada iunie 2022 -iulie 2024) - *Dezvoltarea unui nou protocol cromatografic pentru evaluarea rapidă a potențialului antioxidant și caracterizarea extractelor de plante medicinale* – Director de proiect

Iunie 2026

Lect. univ. Dr. Dorina Casoni