

Teze la manifestări științifice

- în lucrările conferințelor internaționale (peste hotare)

1. BOLOCAN, N., POVAR, I., SPÎNU, O. Thermodynamic Framework for Quantifying Drug Precipitation and Solubility in Cyclodextrin-Based Systems. In: *The 1st International Electronic Conference on Medicinal Chemistry and Pharmaceutics*, 1–30 November 2025 (online), Submission ID: sciforum-151609. <https://sciforum.net/paper/view/25769>.
2. BOLOCAN, N., POVAR, I., SPÎNU, O. Thermodynamic Framework for Quantifying Drug Precipitation and Solubility in Cyclodextrin-Based Systems. In: *The 1st International Electronic Conference on Medicinal Chemistry and Pharmaceutics*, 1–30 November 2025, (online), Submission ID: sciforum-151609. <https://sciforum.net/paper/view/25769>.
3. CEABANOVA (ZVEAGHINTSEVA), M., STÎNGACI, E., GORINCIOI, E., MACAEV, F. ¹³C NMR evidence in studies of aldol condensation involving 1-(1H-1,2,4-triazol-1-yl)ethanones and salicylic aldehyde derivatives: efficient one-pot synthesis of bioactive 2H-chromen-2-ols. In: *25th CEUM Central and Eastern European NMR Symposium and Bruker Users Meeting*, 3-4, September 2025, Budapest, Hungary, p. 1. <https://www.bruker.com/en/news-and-events/events/ceum.html>
4. CEBAN, I., NASTAS, R., PETUHOV, O., LUPASCU, T. Testing of metal-carbon composites for environmental applications. In: *Ukrainian conference with international participation «CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE»*, May 28-29, 2025, Kyiv (Ukraine) Book of Abstracts, 2025 p. 45. ISBN 978-617-95367-2-4 https://drive.google.com/file/d/1kS_ZoxnrTez-yF9xru-4_QKgAE78CDP9/view
5. CEBAN, I., PETUHOV, O., BUGA, M., MORARU, E. Thermal characterization of walnut shells: a preliminary stage in the production of activated carbon for water purification. În: *34th Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy*, 23-24 October, 2025, Bucharest (Romania). https://www.researchgate.net/publication/397996980_Thermal_characterization_of_walnut_shells_a_preliminary_stage_in_the_production_of_activated_carbon_for_water_purification
6. CEBAN, I., PETUHOV, O., TIMBALIUC, N., GOREACIOC, T., BALAN, I., STEFAN, M., LUPASCU, T., NASTAS, R. Comparative thermal and surface characterization of activated carbons obtained from peach stones. In: *"Chemistry for a Sustainable World: from Lab to Legacy", IasiCHEM 2025 Conference*, 7th Edition 30 - 31 October 2025 Iasi, Romania, p. 43. <https://www.chem.uaic.ro/ro/manifestari/zu-2025>
7. CIURSIN, Andrei, RUSNAC, Roman, BALAN, Greta, GULEA, Aurelian. Synthesis, characterization and antimicrobial activity of copper (II) complexes with tert-butylthiosemicarbazones of 2-pyridinecarboxaldehyde. In: *Sesiunea de Comunicări Științifice a Studenților, Masteranzilor și Doctoranzilor "CHIMIA - FRONTIERĂ DESCHISĂ SPRE CUNOAȘTERE"*, Școala Doctorală de Chimie UAIC Iași Societatea de Chimie din România Asociația Studenților Chimiști Ieșeni, 19 Iunie 2025, Iași, Ediția a XVI-a. Link?
8. CIURSIN, Andrei, RUSNAC, Roman, GULEA, Aurelian. Synthesis and NMR Characterization of N-[2 - (Morpholin - 4 - yl) Ethyl] - 2 - [(Pyridin - 2 - yl) Methylidene] Hydrazine - 1 Carbothioamide Derivatives. In: *Nanobiomat, Applications of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat 2025 – Summer Edition*, 25-27 Iunie 2025. https://nanobiomat.eu/download/nanobiomat2025s_boa/
9. COJOCARI S., BILAN D., MACAEV F. Determination of the structure of the triazole compound based on 3-carene. In: *25th CEUM Central and Eastern European NMR Symposium and Bruker Users Meeting*, Budapest, Hungary, September 03-04 2025. p. 1. <https://www.bruker.com/en/news-and-events/events/ceum.html>
10. COROPCEANU, E. Strategies for assembling coordination compounds with oxime ligands that exhibit useful properties. In: *Проблеми та перспективи розвитку природничої*

освітньої галузі. Переяслав, 2-3 aprilie, 2025, pp. 12-18. ISBN 978-617-8562-16-8 (comunicare plenară)

11. CRISAN, M., BULHAC, I., CROITOR, L., BOUROS, P., KRAVTSOV, V., Sergiu SHOVA, S., CARABA, M. N., CARABA, V. I., POPESCU, R., HAIDU, D., KULIKOVA O., COSTRIUCOVA, N., PETUHOV, O., DANILESCU, O. Multifunctional Zn(II) coordination polymer: photoluminescent, antimicrobial and anticancer properties. In: *The 17th Edition of the Conference New Trends in Chemistry Research (NewChemRes2025)*. 22-26 september 2025, Timisoara, Romania, p. 60. ISSN 2065-0760 https://www.newtrends-timisoara.ro/docs/Book%20of%20abstract_NewChemRes2025_ICCD.pdf
12. DUCA Gh., S. TRAVIN, L. ROMANCIUC, O. COVALIOVA., A. VASEASHTA. "Application of Dielectric Barrier Discharge for Microplastics Decomposition", In: *The IXth Intl. Symposium on Dielectric Materials and Applications (ISyDMA)*, 7-9 May 2025, Marrakech, Morocco, Springer Ed., Acceptat pentru publicare. Publicarea in februarie 2026.
13. DUCA, Gh.; ROMANCIUC, L.; COVALIOVA, O. Reduced forms of oxygen and their role in the redox catalytic reactions in vivo. In: *Congresul Internațional "Medicina, științele moleculare și de mediu (MedMolMed 2025)"*, Chisinau, RM, 10-15 noiembrie, 2025, acceptat pentru publicare in proces.
14. DUCA, Gh.; ROMANCIUC, L.; COVALIOVA, O.; NICA, S. Role of Redox Processes in Life Sustaining on the Earth. In: *II Convegno Nazionale Science for the Planet (Eds. Avino P.)*; Università del Molise: Campobasso, Italy, 2025; p. 76., ISBN 9788896394496, <https://storage.e.jimdo.com/file/8d46f451-73b1-4fcc-8ff8-35a162b7167a/Atti%20della%20II%20Edizione.pdf>
15. GARBUZ, O., GRAUR, V., TSAPKOV, V., RAILEAN, N., TODERAS, I., GULEA, A. Chloride tris [N-(prop-2-en-1-yl) hydrazinecarbothioamide]-cobalt (III) as a stimulator of the total antioxidant status of *Apis Mellifera*. In: *The 2nd International Electronic Conference on Antioxidants*, 7-9 April 2025, MDPI: Basel, Switzerland. Disponibil: <https://sciforum.net/paper/view/21892>
16. GORINCHOY, N., BALAN, I., POLINGER, V. Jahn-Teller and Pseudo Jahn-Teller Effects in van der Waals complexes CH₄-OX (X=C, N, O). *The 26th International Conference on the Jahn-Teller Effect*, York University (Toronto, CA) and University of Louisville (US), May 5 - 9, 2025 (online). <https://sites.google.com/view/jt26th-2025/program>
17. GORINCIOI, E., LOZOVAN, V., BULHAC, I., ROTARU, A., AMATO, J., PAGANO, B., MORACA, F., MARUSIC, M., SKET, P., PLAVEK, J. A tetraaza macrocyclic Co(III) complex recognizes the M2 parallel G-Quadruplex DNA structure: spectroscopic and molecular modeling studies. In: *ANNA 2025 Advances in Noncanonical Nucleic Acids: Book of Abstracts*. Bohinj, Slovenia, October 23rd-25th, 2025, p.52.
18. GRAJDIERU, K., POGREBNOI, V., SUCMAN, N. Selective stimulation of vegetative growth in tomatoes by certain triazole derivatives. In: *The International Scientific and Practical Online Conference «Rational use of natural resources in agriculture»*, April 23, 2025, Daşoguz, Turkmenistan. (in press)
19. GRAJDIERU, K., SUCMAN, N., POGREBNOY, V. New triazole derivatives with fungicidal activity against tomato Fusarium wilt pathogens. In: *The International Scientific and Practical Online Conference «Rational use of natural resources in agriculture»*, April 23, 2025, Daşoguz, Turkmenistan. (in Press)
20. GRAUR I.I., GRAUR V.O., TSAPKOV V.I., BALAN G.G., GULEA A.P. Antibacterial potential of mixed-ligand copper(II) complexes with N-(4-methoxyphenyl)-2-oxopropanamide 4-phenylthiosemicarbazone against *Staphylococcus aureus* and *Bacillus cereus*. In: *XXIX Международная Чугаевская конференция по координационной химии*, 23-27 iunie 2025, Kazani. p. 352. https://chugaev2025.iopc.ru/abstract_book/
21. GRAUR, I., GRAUR, V., GARBUZ, O., USATAIA, I., TSAPKOV, V., ROY, J., POIRIER, D., GULEA, A. Evaluation of Anticancer Activity of Pyruvamide 4-

- Allylthiosemicarbazones and Their Copper(II) Complexes Against the Leukemia THP-1 Cell Line. In: *Proceedings of the 1st International Electronic Conference on Medicinal Chemistry and Pharmaceuticals*, 1–30 November 2025, MDPI: Basel, Switzerland. <https://sciforum.net/paper/view/25649>
22. GRAUR, I., GRAUR, V., TSAPKOV, V., USATAIA, I., GARBUZ, O., GULEA, A. Study of the antioxidant activity of mixed-ligand copper(II) coordination compounds with *N*-(4-methoxyphenyl)-2-oxopropanamide 4-phenylthiosemicarbazone. In: *Chemistry & Biotechnology International Conference 2025*, July 3-4, 2025, online. Disponibil: <https://chembiotic.pwr.edu.pl/sessions>
 23. GRAUR, I., GRAUR, V., USATAIA, I., TSAPKOV, V., GARBUZ, O., GULEA, A. Antioxidant activity of 1-(azepan-1-yl)propane-1,2-dione 4-allylthiosemicarbazone and its Cu(II) and Ni(II) complexes against ABTS^{•+}. In: *Natural Science Baltic Conference 2025*, Online, 10-11 May 2025, p. 92 <https://nsbc.ug.edu.pl/archive-of-book-abstracts/>
 24. GRAUR, V., GRAUR, I., USATAIA, I., BALAN, G., LOZAN-TÎRȘU, C., GULEA, A. Exploring the antibacterial activity of copper(II) complexes with 2-benzoylpyridine 4-norbornylthiosemicarbazone against *S. aureus*. In: *Chemistry & Biotechnology International Conference 2025*, July 3-4, 2025. <https://chembiotic.pwr.edu.pl/sessions>
 25. GRAUR, V., GRAUR, I., USATAIA, I., NICOV, I., BALAN, G., GULEA, A. Antibacterial potential of copper(II) complexes with 2-benzoylpyridine 4-norbornylthiosemicarbazone against *Acinetobacter baumannii*. In: *Natural Science Baltic Conference*, 10-11 May 2025, International Conference Online. <https://nsbc.ug.edu.pl/poster-session-day-1-saturday/>
 26. GRAUR, V., USATAIA, I., GRAUR, I., LOZAN-TÎRȘU, C., BALAN, G., GULEA, A. Antibacterial Potential of 2-Benzoylpyridine *N*-(bicyclo[2.2.1]hept-2-yl)thiosemicarbazone and Its Copper(II) Complexes Towards *Bacillus cereus*. In *Proceedings of the 1st International Electronic Conference on Medicinal Chemistry and Pharmaceuticals*, 1–30 November 2025, MDPI: Basel, Switzerland. <https://sciforum.net/paper/view/25648>
 27. GRAUR, V.O., USATAIA, I.S., GRAUR, I.I., DVORSCHI, I.I., BALAN, G.G., GULEA, A.P. Exploring the antibacterial activity of some 3d metal complexes with 2-benzoylpyridine-norbornylthiosemicarbazone towards *Staphylococcus aureus* and *Bacillus cereus*. In: *XXIX Международная Чугаевская конференция по координационной химии*, 23-27 iunie 2025, Kazani. P. 353. Disponibil: https://chugaev2025.iopc.ru/abstract_book/
 28. GRIBANOVA, Iulia, CIURSIN, Andrei, RUSNAC, Roman, GULEA, Aurelian. Synthesis and antioxidant activity of thiosemicarbazones based on α -hexylcinnamaldehyde. In: *Sesiunea de Comunicări Științifice a Studenților, Masteranzilor și Doctoranzilor "CHIMIA - FRONTIERĂ DESCHISĂ SPRE CUNOAȘTERE"*, Școala Doctorală de Chimie UAIC Iași Societatea de Chimie din România Asociația Studenților Chimисти Ieșeni 19 Iunie - IAȘI Ediția a XVI-a. https://www.chem.uaic.ro/files/File/2024-2025/sccsmd-19-iunie-2025/2025_program_sccsmd_2025-1.pdf
 29. GUTANU V., LISA, G., IAPTE, A-M., BOTNARU, M. Cr-Polymer composite precursor for obtaining an adsorbent. In: *13th International Conference on Environmental Engineering and Management*, 17-20 september 2025, Iași, Romania. Conference Abstract Book, pp. 154-155.
 30. GUTSANU, V. Metal compounds in the phase of cross-linked ionic polymers. In: *Proceeding of Annual International Congress on Chemistry*, March 27–28, 2025, Oxford, United Kingdom. P.19. <https://www.researchgate.net/publication/390411452>
 31. GUTSANU, V., COSTIS, V. Sorption of thiocyanate ions on commercial polymer and composites. In: *Ukrainian Conference with International Participation "CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE" dedicated to the 95th birthday of Academician Oleksii Chuiko*, Kyiv (Ukraine), May 28–29, 2025, Book of abstracts, p.57. https://drive.google.com/file/d/1kS_ZoxnrTez-yF9xru-4_QkgAE78CDP9/view, https://www.chem.uaic.ro/files/File/2024-2025/sccsmd-19-iunie-2025/2025_program_sccsmd_2025-1.pdf

32. KULIKOVA, O., DANILESCU, O., BOUROSH, P., CHUMAKOV, Y., COCU, M., BULHAC, I. Absorption of the wide-gap semiconductors Fe(III) mononuclear coordination compounds). In: *The X Ukrainian Scientific Conference on Physics of Semiconductors (USCPS-10)*. 26-30 may 2025, Uzhhorod, Ukraine, pp. 339-340. ISBN: 978-617-8390-92-1
33. KUROGLO, Timur, RUSNAC, Roman. Synthesis of copper(II) complexes in base of hexamethylenetetramine and pyridoxal with antimicrobial properties. In: *Nanobiomat, Applications of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat 2025 – Summer Edition*, București, 25-27 Iunie 2025. https://nanobiomat.eu/download/nanobiomat2025s_boa/
34. LIS, A., GLADCHI, V., BUNDUCHI, E., BLONSCHI, V. Volatile lavender oil extraction for Cosmetic applications. In: *International Symposium "The Environment and the Industry", SIMI 2025*. Bucuresti: 2025, 23-24 OCTOBER 2025, pp. 126-127. DOI: <http://doi.org/10.21698/simi.2025.ab55>
35. LUNGU, L., POGREBNOI, V., BILAN, D., SANDU, I.-A., ROTARU, A., PAGANO, B., AMATO, J., MACAEV, F., ARICU, A., GORINCIOI, E. New anticancer molecular hybrids based on homodrimane, thiosemicarbazone and oxadiazole core target M2 G-Quadruplex DNA featuring parallel topology. In: *Advances in Noncanonical Nucleic Acids*, 2025, 23-25 October, Bohinj, Slovenia, p. 58. https://www.slomr.si/anna_2025/ANNA2025_BookOfAbstracts.pdf
36. LUNGU, L., VICOL, C., POGREBNOI, V., ARICU, A. Antioxidant activity of new molecular hybrid based on homodrimane, thiosemicarbazone and oxadiazole unit. In: *IasiChem 2025*, Faculty of Chemistry Conference, 30-31 October, Iași, România, p.28
37. LUPASCU, T., DUCA Ch., LUPASCU, L. Antimicrobial properties of ozone-oxidized enotannins. In: *Ukrainian Conference with International Participation "CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE"*, Kyiv Ukraine, Book of abstracts, 28-29 May, 2025 p. 224. https://drive.google.com/file/d/1kS_ZoxnrTez-yF9xru-4_QkgAE78CDP9/view
38. MELNIC, Silvia, SHOVA, Sergiu, LOZAN, Vasile. Metal-organic frameworks: a promising materials in bioanalysis. In: *The 23rd International Symposium and Summer School on Bioanalysis (23ISSB)*, 6 – 15 July 2025, University of Zagreb, Faculty of Science, Zagreb, Croatia. In: Book of abstracts. p. 84.
39. PETUHOV, O., NASTAS, R., LUPASCU, T., N. ȚIMBALIUC, N., CEBAN, I., BOLDURESCU, N. Advanced carbon adsorbents for the removal of emerging contaminants from wastewater. In: *Ukrainian conference with international participation «CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE»*, May 28-29, 2025, Kyiv (Ukraine) Book of Abstracts, 2025 p. 81. ISBN 978-617-95367-2-4 https://drive.google.com/file/d/1kS_ZoxnrTez-yF9xru-4_QkgAE78CDP9/view
40. PETUHOV, O., TIMBALIUC, N., LUPASCU, T., BOLDURESCU, N. Assessing catalytic enhancement in dye removal on metal-ion-impregnated activated carbons via adsorption with hydrogen peroxide activation. In: *28th International Symposium "Environment and Industry" SIMI 2025*, October 23rd-24th, 2025, Bucharest, Romania, p.21-22, <http://doi.org/10.21698/simi.2025.ab01>
41. PETUHOV, O., VLASE, T., LUPASCU, T., ȚIMBALIUC, N., BOLDURESCU, N. Sustainable production of carbon-based adsorbents from waste tires for water purification. In: *Ukrainian Conference with International Participation "CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE"*, Kyiv Ukraine, Book of abstracts, 28-29 May, 2025, p. 80. https://drive.google.com/file/d/1kS_ZoxnrTez-yF9xru-4_QkgAE78CDP9/view
42. PÎNTEA, Aliona, RUSNAC, Roman, SHOVA, Sergiu, GULEA, Aurelian. Synthesis and characterization of 2-[[4-(diethylamino)-2-hydroxyphenyl]methylidene}-N-(4-methoxyphenyl)hydrazine-1-carbothioamide. In: *Nanobiomat, Applications of Chemistry in*

- Nanosciences and Biomaterials Engineering NanoBioMat 2025 – Sumer Edition*, 25-27 Iunie 2025. ISSN 3008-6124. https://nanobiomat.eu/download/nanobiomat2025s_boa/
43. POGREBNOI, V., POGREBNOI, S. The investigation of products of diazomethane-dehydroabietic acid derivative and mineral acids by NMR method. In: *25th CEUM Central and Eastern European NMR Symposium and Bruker Users Meeting*. Budapest, Hungary, 3-4 September, 2025.
 44. POVAR, I., SPÎNU, O., BOLOCAN, N. Fundamentals of synergism in chemistry. In: *Book of Abstracts of the 28th International Symposium "Environment and Industry" SIMI 2025*, October 23rd-24th 2025, Bucharest, Romania, pp. 122-123. <http://doi.org/10.21698/simi.2025.ab53>
 45. POVAR, I., SPÎNU, O., BOLOCAN, N. Fundamentals of synergism in chemistry. In: *Book of Abstracts of the 28th International Symposium "Environment and Industry" SIMI 2025*, October 23rd-24th 2025, Bucharest, Romania, pp. 122-123. <http://doi.org/10.21698/simi.2025.ab53>
 46. STEFAN, M., TOLOMAN, D., POPA, A., LEOSTEAN, C., VARADI, A., GROZA, M., NASTAS, R., TRIPON, S., MACAVEI, S. Studies on g-C₃N₄-TiO₂:Mn based nanocomposites with photocatalytic properties. In: *15th International Conference PROCESSES IN ISOTOPES AND MOLECULES (PIM 2025)*, 16 - 19 September, 2025. Cluj-Napoca, Romania, p. 156.
 47. STEFAN, M., TOLOMAN, D., POPA, A., VARADI, A., NASTAS, R., LEOSTEAN, C., ROSTAS, A., MACAVEI, S. Interface properties of g-C₃N₄-TiO₂ nanocomposites for photocatalysis and supercapacitor applications. In: *ICPAM-17 17th International Conference on Physics of Advanced Materials*, November 16 - 23, 2025, Shizuoka University, Hamamatsu, Japan, p. 111-112. www.icpams.com
 48. SUCMAN N, RZAYEV R., GERU I., MACAEV F. Insights into the molecular structure of toluidine-resorcinol nanomaterials via NMR spectroscopy. In: *25th Central and Eastern European NMR Symposium and Bruker Users Meeting*, September 3-4, 2025, Budapest, Hungary. p. 1. <https://www.bruker.com/en/news-and-events/events/ceum.html>
 49. SUCMAN, N., GORINCIOI, E., POGREBNOI, V., ROTARU, A., MACAEV, F. Antiproliferative and DNA-interacting properties of 6-(2,4-dichlorobenzoyl)-7-(2,4-dichlorophenyl)indolo[3,4-jk]phenanthridin-5(4H)-one. În: *Book of abstracts INnovative ThERapeutiC Targets In nOn-canonical Nucleic acids structures*. In: *Winter InterNational School 2025 INTERACTION WINS 2025*, 24-28 februarie 2025, Pavia, Italy, p. 69.
 50. TIMBALIUC, N., PETUHOV, O., LUPAȘCU, T. Adsorption of quinacrine dihydrochloride on locally produced lignocellulosic activated carbons: effects of porosity, pH, and temperature. In: *28th International Symposium "Environment and Industry" SIMI 2025*, October 23rd-24th 2025, Bucharest, Romania, p. 15-16, <http://doi.org/10.21698/simi.2025.ab01>
 51. TOPALĂ, A., MOLLO, E., KULCIŢKI, V. A photochemical approach towards caulerpin. In: *The 2025 E-NICHE annual meeting. Abstracts of communications*. June 25 – 27, Evora, Portugal, p. 53.
 52. ЛУПАШКУ Л., ЛУПАШКУ Г., МАКАЕВ Ф. Новое производное винил-триазола с противогрибковой активностью (*Fusarium lateritium*). In: *The International Scientific and Practical Online Conference «Rational use of natural resources in agriculture»*, April 23, 2025, Daşoguz, Turkmenistan. (in press)
 53. CIOBANU, N., MACAEV, F.Z., OZOL, L.D. Synthesis and activity of 3,4-dihydropyrimidin-2-ones (thiones) using various organic catalysts. In: *The International Scientific and Practical Online Conference «Rational use of natural resources in agriculture»*, April 23, 2025, Daşoguz, Turkmenistan. (in press)
 54. ЧАБАНОВА М.М. 3,3-Диметил-1-(1H-1,2,4-триазол-1-ил)бутан-2-он в реакции циклоконденсации с производными салицилового альдегида. В: *XII Международная молодежная научно-практическая конференция «Актуальные вопросы современного*

материаловедения» 18-19 октября 2025 года, Уфа, Россия, с.122-123. ISBN 978-5-7477-6128-5. (oral presentation). [Сборник ABCM-2025.pdf](#)

- **în lucrările conferințelor științifice internaționale (Republica Moldova)**

1. ARSENE, I.; PURCEL, V. Study of molecular structures of highly stable conformers of ascorbic acid. In: *Instruire prin cercetare pentru o societate prosperă*, 1-2 martie 2025, Chișinău. Chișinău: CEP UPSC, 2024, Ediția 12, Vol. 1, pp. 165-171. ISBN 978-9975-48-246-2. DOI: 10.46727/c.v1.01-02-03-2025, pp. 165-171
2. CUBA, L., BOUROSH, P., BULHAC, I. Synthesis and crystal structure of novel complex of Co(III) with o-phthalic dicarboxaldehyde bis(isonicotinoyl hydrazone)» În: *The National Conference with International Participation «Natural Sciences in the Dialogue of Generations»*, edition VIII, September 12-13, 2025, Chisinau, Republic of Moldova, p. 146.
3. GERU Ion. Time-Reversal Symmetry of Free Radicals in Organic Compounds. In: *Internatinal Congress „Research-Innovation-Innovative Entrepreneurship”*, 3rd Edition, Ion Creangă State Pedagogical University of Chișinău, June 7-8 , 2025, p. 11.
4. GRAUR, I. Investigation of the antibacterial potential of copper(II) complexes with n-(4-methoxyphenyl)-2-oxopropanamide 4-phenylthiosemicarbazone. In: *Conferință științifică internațională organizată în contextul Zilei Internaționale a femeilor și fetelor cu activități în domeniul științei*, Iași-Chișinău-Lviv, 11-12 februarie 2025, p. 387 https://enciclopedia.asm.md/wp-content/uploads/Culegere-de-rezumat-11-12-februarie-2025_femei-cercetare_Condraticova_final.pdf
5. GRAUR, I. Sinteza și evaluarea biologică a complexelor de cupru(II), nichel(II) și fier(III) cu N4-aliltiosemicarbazone derivate din α -cetoamide. In: *Conferința științifică internațională „Patrimoniul cultural de ieri – implicații în dezvoltarea societății durabile de mâine”*, ediția a XII-a, 18-22 septembrie 2025. https://asm.md/sites/default/files/2025-09/program%20integral%202025_18-22%20septembrie.pdf
6. GRIGORAS, C., GONȚA, M., CIOCÂRLAN, A. Standardization of propolis as a raw material of medical and cosmetic interest. In: *Natural sciences in the dialogue of generations*, Ed. 8, 18-19 septembrie 2025, Chișinău. Centrul Editorial-Poligrafic al Universității de Stat din Moldova, 2025, Ediția 8, p. 153. ISBN 978-9975-62-898-3
7. LUPASCU L., LUPASCU G., STÎNGACI E., CRISTEA N., MACAEV F. Derivat vinil-triazolic (z)-1-(2,4-diclorfenil)-3-(piridin-3-il)-2-(1H-1,2,4-triazol-1-il)prop-2-en-1-ol cu proprietăți antifungice în condiții in vitro. In: *Congresul științific internațional cercetare-inovare-antreprenariat inovativ*, Universitatea Pedagogică de Stat „Ion Creangă” din Chișinău, 7-8 iunie 2025, vol.II, p. 364-368, <https://doi.org/10.46727/c.v2.07-08-06-2025>. p. 364-368.
8. RZAYEV R., CORCIMARU P., CAMERZAN Ș. Synthesis of Polypyrrole by Oxidative Polymerization for Shielding Application. In: *Internatinal Congress „Research-Innovation-Innovative Entrepreneurship”*, 3rd Edition, Ion Creangă State Pedagogical University of Chișinău, June 7-8, 2025, Programme of the Congress, p. 13 (oral presentation).
9. RZAYEV Ramil R., MACAEV Fliur, GERU Ion. Synthesis and Characterization of Multifunctional, Nanosized Oligomer based on Paraphenylenediamine and Pyrocatechol. In: *Internatinal Congress „Research-Innovation-Innovative Entrepreneurship”*, 3rd Edition, Ion Creangă State Pedagogical University of Chișinău, June 7-8 , 2025, Programme of the Congress, p. 12 (oral presentation).
10. USATAIA, I. Proiectarea și bioactivitatea complexelor metalice 3d pe bază de S-alchilizotiosemicarbazonă ca potențiali agenți antimicrobieni și anticancerigeni. In:

conferinței științifice internaționale „Patrimoniul cultural de ieri – implicații în dezvoltarea societății durabile de mâine”, ediția a XII-a, 18-22 septembrie 2025.
https://asm.md/sites/default/files/2025-09/program%20integral%202025_18-22%20septembrie.pdf

- în lucrările conferințelor științifice naționale cu participare internațională din Republica Moldova

1. ARICU, A., CIOCARLAN, A., LUNGU, L., MANGALAGIU, I.I. Terpene-heterocyclic hybrids as antimicrobial agents. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chișinău, 10-15 November, 2025, PL 17, p. 26. DOI: <https://doi.org/10.19261/medmol25>
2. BALAN, I.; FILIP, P.; ANDRUH, M.; DUCA, Gh.; NICA, S. DFT study of photoswitching systems based on fluorescent azulenyl-substituted dithienylcyclopentenes. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chișinău, 10-15 November, 2025, PP1.25, pp. 104. DOI: <https://doi.org/10.19261/medmol25>
3. BATANOV, A., POGREVNOI, V., SUCMAN, N., MACAEV, F. Adducts of (Z)-methyl 2-(1-(3-chlorobut-2-en-1-yl)-2-oxoindole and acrylate in conditions of MBH-reaction. In: *The National Conference with International Participation "Natural sciences in the dialogue of generations"*, edition 8 (in press).
4. BATANOV, A., POGREVNOI, V., SUCMAN, N., MACAEV, F. Synthesis, separation and structural characterization of 1-(3-chlorobut-2-en-1-yl)indoline-2,3-dione E/Z-isomers. In: *The National Conference with International Participation "Natural sciences in the dialogue of generations"*, edition 8 (in press).
5. BOLOCAN, N., SPÎNU, O., POVAR, I. Quantitative thermodynamic modeling of drug precipitation-dissolution in cyclodextrin-based multicomponent aqueous systems. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chișinău, 10-15 November, 2025, p. 86. <https://doi.org/10.19261/medmol25>
6. BOLOCAN, N., SPÎNU, O., POVAR, I. Quantitative thermodynamic modeling of drug precipitation-dissolution in cyclodextrin-based multicomponent aqueous systems. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chișinău, 10-15 November, 2025, p. 86. <https://doi.org/10.19261/medmol25>
7. BOLOCAN, N., SPÎNU, O., POVAR, I. Thermodynamic insights into synergistic enhancement of drug solubility. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chișinău, 10-15 November, 2025, p. 61. <https://doi.org/10.19261/medmol25>
8. BOLOCAN, N., SPÎNU, O., POVAR, I. Thermodynamic insights into synergistic enhancement of drug solubility. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chișinău, 10-15 November, 2025, p. 61. <https://doi.org/10.19261/medmol25>
9. BUNDUCHI, E., MOCANU, L. Redox-catalytic transformation of persistent textile dyes in simulated natural aquatic environments. In: *National conference with international participation NATURAL SCIENCES IN THE DIALOGUE OF GENERATIONS-2025*, p. 142. ISBN 978-9975-62-898-3.

10. CEABANOVA M., STINGACI E., MACAEV F. The synthesis of triazolium salts 2H-chromene-2-ol. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p.98. <https://doi.org/10.19261/medmol25>
11. CEBAN, I., NASTAS, R. Testing of carbonaceous composites obtained by the hydrothermal method for the removal of nitrite ions from water. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chisinau, 10-15 november 2025, p.179. <https://doi.org/10.19261/medmol25>
12. CEBAN, I., NASTAS, R., PETUHOV, O., BOLDURESCU, N., MOLDOVANU, S., LUPAŞCU, T. Carbonaceous composites from plant materials: production and characterization. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chisinau, 10-15 november 2025, p. 165. <https://doi.org/10.19261/medmol25>
13. CEBAN, I., PETUHOV, O., BUGA, M., MORARU, E. Obtaining activated carbon by chemical method by utilizing local waste. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chisinau, 10-15 november 2025, p.166. <https://doi.org/10.19261/medmol25>
14. CIOBANU N., MACAEV F. Synthesis and characterization of 3,4-dihydropyrimidin-2-ones with biological potential, in the presence of organic catalysts. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p.81. <https://doi.org/10.19261/medmol25>
15. CIOCARLAN, A., LUNGU, L., ARICU, A., DRAGALIN, I., GRIGORAS, C., GONTA, M., ZINICOVSCAIA, I. Japanese pagoda tree (*Sophora japonica* L.) growing in Moldova as a source of bio-organic compounds. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, PP. 1.51, p. 130. DOI: <https://doi.org/10.19261/medmol25>
16. CISTEACOV, M.; BLONSCHI, V.; GLADCHI, V. Intensity of photochemical transformation of vitamin B₂ in aqueous systems. In: *The VIIIth National conference with international participation: NATURAL SCIENCES IN THE DIALOG OF GENERATIONS*, Chisinau, Republic of Moldova, 18 – 19 September 2025, p. 145. ISBN 978-9975-62-898-3
17. CUBA, L., BOUROSH, P., BULHAC, I. Synthesis and structure of new coordination compounds of Zn(II) AND Cd(II) with N-derivated of phthalazine. În: *The National Conference with International Participation «Natural Sciences in the Dialogue of Generations»*, edition VIII, September 12-13, Chisinau, Republic of Moldova, 2025, p. 147
18. DANILESCU, O., COCU, M., BULHAC, I. Antimicrobial activity of iron(III) complexes incorporating Schiff base ligands. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 80. <https://doi.org/10.19261/medmol25>
19. DUCA, Gh.; ROMANCIUC, L.; COVALIOVA, O. Reduced forms of oxygen and their role in the redox-catalytic reactions in vivo. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p.102, DOI: <https://doi.org/10.19261/medmol25>.
20. DUDUIANU, C., AILIESEI, L.G., BALAN-PORCĂRAŞU, M., MACSIM, A.M., CRISTEA, M., ISVORANU, M., BLĂNIŢĂ, D., SECU, D., COLIBAN, I., GLADUN, E., UŞURELU, D.C., BOTEZATU, A., PĂLĂRIE, N., DARII, F., BOICIUC, C., GÎRBU, V.,

- ORGAN, A., DORIF, A., PAVLOVSKI, E., GLADUN, S., KULCIŢKI, V., TAGADIUC, O., UŞURELU, N., NICOLESCU, A., DELEANU, C. Extended reproductibility assessment for metabolomics experiments. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chisinau, 10-15 november 2025, p. 222. <https://doi.org/10.19261/medmol25>
21. FELDMAN, D., GORINCIOI, E., BILAN, D., 1, DINA, N. E., SUCIU, M., SIMION, A., SUCMAN, N., MACAEV, F. Novel aminonaphthochinone Mannich bases derived from Lawsone induce cell death on human malignant melanoma cell line A375 by apoptosis and/or necrosis. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, pag. 116, DOI: <https://doi.org/10.19261/medmol25>
 22. GARBUZ, O., TODERAS, I., RAILEAN, N., GRAUR, V., TSAPKOV, V., GULEA, A. Acaricidal efficacy of cobalt complex in beekeeping. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 72. <https://doi.org/10.19261/medmol25>
 23. GÎRBU, V., ORGAN, A., DORIF, A., BARBĂ, A., KULCIŢKI, V., NICOLESCU, A., DELEANU, C. Exploring limitations of 2D NMR quantitative experiments: variability of HSQC data depending on NMR probe and magnet power. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p.106. <https://doi.org/10.19261/medmol25>
 24. GLADCHI VIORICA, BLONSCHI VLADISLAV, LIS ANGELA, BUNDUCHI ELENA, DUCA GHEORGHE. Chemical composition and pollution level of the Dniester river in the section town of Dubăsari – town of Vadul lui Vodă. Period 2020-2024. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 19. <https://doi.org/10.19261/medmol25>
 25. GLADCHI VIORICA, DUCA GHEORGHE, ANGELA LIS, VLADISLAV BLONSCHI, ELENA BUNDUCHI. Self-Purification Processes in Natural Waters: Ecochemical Mechanisms and Environmental Protection Perspectives. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 19. <https://doi.org/10.19261/medmol25>
 26. GLADCHI, V.; BLONSCHI, V.; CISTEACOV, M.; LIS, A. DUCA, Gh. Chemical degradation of vitamin B₆ in the aquatic environment. In: *The VIIIth National conference with international participation: NATURAL SCIENCES IN THE DIALOG OF GENERATIONS*, Chisinau, Republic of Moldova, 18 – 19 September 2025, p. 151. ISBN 978-9975-62-898-3.
 27. GONTA, M., MOCANU, L., LEONTIEVA, E. Optimization of anionic surfactant removal using gallic acid-assisted Fenton oxidation. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, KN19, p. 46. <https://doi.org/10.19261/medmol25>
 28. GORINCHOY, V., ROMAN, G., SHOVA, S., NEDELKO, N., LOZAN, V. Synthesis, crystal structure and characterization of cobalt(II) coordination polymer derived from a 1,2,3-triazole-based tricarboxylate ligand. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, pag. 114, PP1.35.

29. GORINCIOI, E., CEABANOVA, M., Primož Šket., P., Plavec, J., Macaev, F. ¹H NMR studies of the interactions of three chromenol derivatives with Drew-Dickerson Dodecamer. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, pag. 87, DOI: <https://doi.org/10.19261/medmol25>
30. GORINCIOI, E., ŞTEFANEŢ, T., STÎNGACI, E., VALICA, V., MACAEV, F. Studii RMN ale 1-(2-oxopropil)spiro[1,3]indolin-3,2'-[1,3]dioxolan-2-onei cu proprietăţi anxiolitice. In: *Conferinţa ştiinţifică naţională cu participare internaţională "INTEGRARE PRIN CERCETARE ŞI INOVARE"*, dedicată Zilei Internaţionale a Ştiinţei pentru Pace şi Dezvoltare, 6-7 noiembrie 2025. (in press).
31. GRAUR, I., GRAUR, V., USATAIA, I., TSAPKOV, V., BALAN, G., LOZAN-TIRSU, C., GULEA, A. Evaluation of antibacterial activity of 3d metal complexes with 1-(morpholin-4-yl)propane-1,2-dione 4-phenylthiosemicarbazone towards *Staphylococcus aureus*. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 93. <https://doi.org/10.19261/medmol25>
32. GRAUR, V., GRAUR, I., USATAIA, I., BALAN, G., LOZAN-TIRSU, C., GULEA, A. Exploring the antifungal activity towards *Candida albicans* of copper(II) complexes with 2-benzoylpyridine 4-norbornylthiosemicarbazone. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 94. <https://doi.org/10.19261/medmol25>
33. GRIGORAS, C., GONTA, M., CIOCÂRLAN, Al. Standardization of propolis as a raw material of medical and cosmetic interest. In: *National conference with international participation NATURAL SCIENCES IN THE DIALOGUE OF GENERATIONS-2025*, p. 152. ISBN 978-9975-62-898-3
34. GRINCO, M., POPUŞOI, A., GÎRBU, V., AL-MATARNEH, M.C., KULCIŢKI, V. Structural diversity of sclareol degradation products and their medicinal chemistry potential. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 132. DOI: <https://doi.org/10.19261/medmol25>
35. GRINCO, M., POPUŞOI, A., GUŞILO, V., BARBA, A., KULCIŢKI, V. Synthesis of low molecular weight prenylated acylguanidine derivatives as prospective antimicrobial agents. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 83. <https://doi.org/10.19261/medmol25>
36. GULEA, Aurelian. Design of molecules with strong anticancer properties. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, PL3 p.12. <https://icmpp.ro/medmolmed2025/files/Program-MEDMOLMED.pdf>
37. KULCIŢKI, V., RENAUD, P., UNGUR, N., GRINCO, M., GÎRBU, V., MORARESCU, O., HOFSTETTER, E., BÎRCĂ, N., TOPALĂ, A. Building form and function of terpenoids: the new age of free radical chemistry. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p.15. <https://doi.org/10.19261/medmol25>
38. LIS A., GLADCHI V., BUNDUCHI E. OBTAINING AND EVALUATION OF CANNABIS SATIVA SEEDS EXTRACT AS AN INGREDIENT IN COSMETIC PRODUCTS. In: *The VIIIth National conference with international participation: NATURAL SCIENCES IN THE DIALOG OF GENERATIONS*, Chisinau, Republic of Moldova, 18 – 19 September 2025, p. 156. ISBN 978-9975-62-898-3.

39. LIS ANGELA, GLADCHI VIORICA, BUNDUCHI ELENA, BLONSCHI VLADISLAV. Hydrogen peroxide-induced photolysis of vitamin B9 in aquatic systems. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 19. <https://doi.org/10.19261/medmol25>
40. LIS, A., BUNDUCHI, E., GLADCHI, V., BLONSCHI, V., CISTEACOV, M. Modelarea proceselor de autopurificare a apelor în prezenţa vitaminelor din grupul B. În: *Perspectivile şi Problemele Integrării în Spaţiul European al Cercetării şi Educaţiei, Ed. 12*, 6 iunie 2025, Cahul, Universitatea de Stat „Bogdan Petriceicu Hasdeu” din Cahul, Vol.12, Partea 1. (În presă)
41. LUNGU, L., CIOCÂRLAN, A., VORNICU, N., ARÎCU, A. Synthesis of new biologically active homodrimane sesquiterpenoids with phenothiazine fragment. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025. PP. 1.3, p. 82. DOI: <https://doi.org/10.19261/medmol25>
42. LUPASCU L., LUPASCU G., MACAEV F. Antifungal activity of a vinyl-triazole derivative against *Fusarium Lateritium*. In: *Conferinţă ştiinţifică naţională cu participare internaţională "Ştiinţele naturii în Dialogul generaţiilor", ed. VIII*, 18-19 septembrie 2025, (acceptat spre publicare)
43. LUPASCU, T., PETUHOV, O., NASTAS, R., TIMBALIUC, N., MITINA, T. Synthesis and application of new adsorptive nanomaterials for environmental protection and human health. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chisinau, 10-15 november 2025, p. 17. <https://doi.org/10.19261/medmol25>
44. MACAEV F. Molecular diversity of ionic liquids: preparation of novel scaffolds and focused targets. In: *Medicine, Molecular and Environmental Sciences Congress (MedMolMed)*, November 10-15, 2025, Chişinău, Republica Moldova, p.13. <https://doi.org/10.19261/medmol25>
45. MELNIC, Silvia, BEJAN, Dana, DRUŢĂ, Vadim, SHOVA, Sergiu, LOZAN, Vasile. Tuning the adsorptive properties of zinc-based MOFs through controlled synthesis conditions. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, p. 84, PP1.5. <https://doi.org/10.19261/medmol25>
46. MELNIC, Silvia, IONIŢA, Daniela, SHOVA, Sergiu, LOZAN, Vasile. A novel adamantane-derived porous polymer: a promising material for medical applications. In: *Congresului aniversar „80 de ani de inovaţie în sănătate şi educaţie medicală”*, 20-22 octombrie 2025, Chisinau, Moldova. În: *Moldovan Journal of Health Sciences (MJHS)*, Culegere de rezumate. Vol. 12(3), 2025, p. 232. ISBN: 2345-1467
47. MOCANU, L. GONTA, M., LEONTIEVA, E., Catalytic degradation of sodium dodecylbenzenesulfonate: A comparative assessment of Fenton and Photo-Fenton oxidation. In: *National conference with international participation NATURAL SCIENCES IN THE DIALOGUE OF GENERATIONS-2025*, p. 157. ISBN 978-9975-62-898-3
48. MOCANU, L., GONTA, M. Optimization and kinetic evaluation of catechol degradation in aqueous solutions. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration"*, Chişinău, 10-15 November, 2025, OL12, p.67. <https://doi.org/10.19261/medmol25>
49. NASTAS, R., CEBAN, I., GOREACIOC, T., LUPASCU, T. Modified carbonaceous adsorbents for removal of sulphide and nitrite ions from water. In: *International Congress Medicine, Molecular and Environmental Sciences 2025, "From chemistry to medicine – 35*

- years of Moldo-Romanian scientific collaboration”, Chisinau, 10-15 november 2025, p.178. <https://doi.org/10.19261/medmol25>
50. NEAMȚU M., SUCMAN N., POGREBNOI V., CEABANOVA (ZVEAGHINȚEVA) M., MACAEV F. Anti-glioblastoma activity and singlet oxygen generation of novel imidazole-based tetrachloroferrates. In: *Medicine, Molecular and Environmental Sciences Congress (MedMolMed) 2025*, November 10-15, 2025, Chișinău, Republica Moldova, p.54. <https://doi.org/10.19261/medmol25>
 51. PÎNTEA, Aliona, RUSNAC, Roman, GARBUZ, Olga, GULEA, Aurelian. Coordination copper(II) compounds based on ortho- and para-methoxyphenyl thiosemicarbazones 2-formyl pyridines as inhibitors of cancer cell proliferation. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration”, Chișinău, 10-15 November, 2025, PP1.36, p. 115.
 52. POVAR, I., SPÎNU, O., BOLOCAN, N. Investigație termodinamică a interacțiunilor sinergice și antagoniste în extracția metalelor în sistemele lichid – lichid. In: *Book of Abstracts National Conference with International Participation "Natural Sciences in the Dialogue of Generations - 2025"*, 17-19 September, 2025, Chisinau, Republic of Moldova, p. 161. ISBN 978-9975-62-898-3. https://agarm.md/wp-content/uploads/2025/09/2_Conference_Abstract-book_final-22.09.2025.pdf
 53. RZAYEV R., GERU I., SUCMAN N., MAMMADOV B. A., ÎBADOV E., MACAEV F. Oxidative Polymerization of Ortho-Phenylenediamine and 1,4-Benzenediol: A Route to Nano-Sized Oligomers. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration”, Chișinău, 10-15 November, 2025, p.103. <https://doi.org/10.19261/medmol25>
 54. SIMIONESCU N., AL-MATARNEH A., POPUȘOI A., ALINA NICOLESCU A., KULCIŢKI V., AL-MATARNEH C. Design, synthesis, and characterization of novel pyrrole-terpenic hybrids. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration”, Chisinau, Republic of Moldova, November 10-15, 2025, p. 121. <https://doi.org/10.19261/medmol25>
 55. TOPALĂ A., BARBĂ, A., BALMUȘ, Z., NICOLESCU, A., DELEANU, C., KULCIŢKI, V. Quantitative determination of rosmarinic acids in oregano extracts. A comparative study of NMR and HPLC data. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration”, Chisinau, 10-15 november 2025, p. 108. <https://doi.org/10.19261/medmol25>
 56. TOPALĂ, A., GÎRBU, V., NICOLESCU, A., DELEANU, C., KULCIŢKI, V. Determination of rosmarinic acid in salvia species. Comparison of quantitative NMR and HPLC data. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration”, Chisinau, 10-15 november 2025, p. 107. <https://doi.org/10.19261/medmol25>
 57. URECHE, Dumitru; BULHAC, Ion; CILOCI, Alexandra; CLAPCO, Steliana. Synthesis, characterization and enzymatic activity enhancement of the heterobimetallic complex $[CaL_3][Co(NCS)_4]$ on *Rhizopus arrhizus* CNMN FD 03. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian scientific collaboration”, Chișinău, 10-15 November, 2025, p.90. <https://doi.org/10.19261/medmol25>
 58. USATAIA, I., GRAUR, V., GRAUR, I., GARBUZ, O., GULEA, A. Selective anticancer activity of mixed-ligand copper(II) complexes with salicylaldehyde 4-allyl-S-methylisothiosemicarbazone. In: *International Congress Medicine, Molecular and Environmental Sciences 2025*, “From chemistry to medicine – 35 years of Moldo-Romanian

- **în lucrările evenimentelor științifice naționale din Republica Moldova**

1. CIURSIN, Andrei, RUSNAC, Roman, TROFIM, Alina. Stimulator de creștere a biomasei cianobacteriilor. In: *Masa rotundă "Biotehnologiile și tendințele actuale"*, Ediția 1, Chişinău, Moldova, 20 martie 2025, pp. 46-47.
https://ibn.idsi.md/vizualizare_articol/226380
2. COJOCARU, C., CIOCÂRLAN, A. Ascomycota ca sursă de coloranți naturali. În: *Masa rotundă "Biotehnologiile și tendințele actuale"*, Ediția 1, Chişinău, Moldova, 20 martie 2025, pp. 5-6.
3. COJOCARU, C., CIOCÂRLAN, A. Pigmenții microbieni ca alternativă a coloranților sintetici și aditivii alimentari. In: *Masa rotundă "Biotehnologiile și tendințele actuale"*, Ediția 1, Chişinău, Moldova, 20 martie 2025, pp. 38-40.
4. GRIGORAS, C., GONȚA, M., CIOCÂRLAN, A. Sinteza și caracterizarea compozitelor biopolimerice de tip film pe bază de chitosan și pectină. În: *Masa rotundă "Biotehnologiile și tendințele actuale"*, Ediția 1, Chişinău, Moldova, 20 martie 2025, pp. 42-45.
5. TOPALĂ, A. Studiul HPLC al conținutului unor acizi organici cu activitate biologică în plantele din familia *Lamiaceae*. În: *Sesiunea Națională de Comunicări Științifice Studențești*. Ediția XXIX-a, Chişinău, 2025.