

Lista lucrărilor publicate și prezentate

1. Lucrări publicate în jurnale ISI (ISI Web of Science) (Regular papers): 22

1. Diaconu, D.; Mangalagiu, V.; **Amăriucăi-Mantu, D.**; Antoci, V.; Giuroiu, C.L.; Mangalagiu, I.I.: *Hybrid quinoline – sulfonamide complexes (M^{2+}) derivatives with antimicrobial activity*, *Molecules*, **25**(12), 2946, **2020**. (IF 2019=3.267) <https://doi.org/10.3390/molecules25122946>
2. **Amăriucăi-Mantu, D.**; Mangalagiu, V.; Dănac, R.; Mangalagiu, I.I.: *Microwave Assisted Reactions of Azaheterocycles Formed in Medicinal Chemistry Applications*, *Molecules*, **25**(3), 716, **2020**. (IF 2019=3.267) <https://doi.org/10.3390/molecules25030716>
3. Antoci, V.; Cucu, D.; Zbancioc, Ghe.; Moldoveanu, C.; Mangalagiu, V.; **Amăriucăi-Mantu, D.**; Aricu, A.; Mangalagiu, I.I.: *Bis-(imidazole/benzimidazole)-pyridine derivatives: synthesis, structure and antimycobacterial activity. Part XII*, *Future Med. Chem.*, **12**(3), 207-222, **2020**. doi: [10.4155/fmc-2019-0063](https://doi.org/10.4155/fmc-2019-0063). (IF 2019=3.607)
4. Moldoveanu, C.; **Amăriucăi-Mantu, D.**; Mangalagiu, V.; Antoci, V.; Maftei, D.; Mangalagiu, I.I.; Zbancioc, Ghe.: *Microwave Assisted Reactions of Fluorescent Pyrrolo-diazine Building Blocks*, *Molecules*, **24**(20), 3760, **2019**. (IF 2019=3.267) <http://dx.doi.org/10.3390/molecules24203760>
5. Cucu, D.; Mangalagiu, V.; **Amăriucăi-Mantu, D.**; Antoci, V.; Mangalagiu, I.I.: *Imidazolium ylides: Cycloaddition versus hydrolysis*, *STUDIA UBB CHEMIA*, **3**, 59-66, **2019**. (IF 2019=0.494) DOI: [10.24193/subbchem.2019.3.05](https://doi.org/10.24193/subbchem.2019.3.05)
6. **Mantu, D.**; Antoci, V.; Nicolescu, A.; Deleanu, D.; Vasilache, V.; Mangalagiu, I.I.: *Synthesis, Stereochemical Studies and Antimycobacterial Activity of New Acetylhydrazine Pyridazinones*, *Curr. Org. Synth.*, **14**(1), 112-119, **2017**. DOI: [10.2174/1570179413999160219164248](https://doi.org/10.2174/1570179413999160219164248) (IF 2019=1.983)
7. **Mantu, D.**; Antoci, V.; Moldoveanu, C.; Zbancioc, Ghe.; Mangalagiu, I.I.: *Hybrid imidazole (benzimidazole)/pyridine (quinoline) derivatives and evaluation of their anticancer and antimycobacterial activity*, *J. Enzym. Inhib. Med. Chem.*, **31**(2), 96-103, **2016**. <https://doi.org/10.1080/14756366.2016.1190711> (IF 2019=4.673)
8. Antoci, V.; Humelnicu, I.; Vasilache, V.; **Mantu, D.**: *Synthesis, Structure and Biological Activity of Some Hybrid Benzimidazole / Quinoline bis-pyridazine Derivatives*, *Revista de Chimie*, **67**(9), 1713-1716, **2016**. (IF 2019=1.755)
9. Moldoveanu C.; Zbancioc G.; **Mantu, D.**; Maftei D.; Mangalagiu I.: *The Cycloaddition of the Benzimidazolium Ylides with Alkynes: New Mechanistic Insights*, *PLoS ONE* **11**(5): e0156129, **2016**. (IF 2019= 2.740) <https://doi.org/10.1371/journal.pone.0156129>
10. **Mantu, D.**; Antoci, V.; Vasilache, V.; Luca, C.: *Structure and Anticancer Activity of Some bis-pyridazine Derivatives*, *Revista de Chimie*, **67**(1), 127-130, **2016**. (IF 2019=1.755)
11. Ciobanu, C. I.; Antoci, V.; **Mantu, D.**; Mangalagiu, I. I.: *One Pot Synthesis of Cyclophane with Imidazolium Skeleton. An Improved Method*, *Revista de Chimie*, **66**(4), 497-498, **2015**. (IF 2019=1.755)
12. **Mantu, D.**; Maftei, D.; Iurea, D.; Ursu, C.; Bejan, V.: *Synthesis, structure, and in vitro anticancer activity of new polycyclic 1,2-diazines*, *Med Chem Res*, **23**(6), 2909-2915, **2014**. (IF 2019=1.783) DOI [10.1007/s00044-013-0878-8](https://doi.org/10.1007/s00044-013-0878-8)
13. Antoci, V.; **Mantu, D.**; Cozma, D. G.; Ursu, C.; Mangalagiu, I. I.: *Hybrid anticancer 1,2- diazine derivatives with multiple mechanism of action. Part 3 [4,5]*, *Med. Hypotheses*, **82**(1), 11-15, **2014**. (IF 2019=1.375) <http://dx.doi.org/10.1016/j.mehy.2013.10.024>
14. Tucaliuc R. A.; Cotea, V. V.; Niculaua, M.; Tuchilus, C.; **Mantu, D.**; Mangalagiu, I. I.: *New pyridazine-fluorine derivatives: Synthesis, chemistry and biological activity. Part II*, *Eur. J. Med. Chem.*, **67**(1), 367-372, **2013**. (IF 2019= 5.572) DOI: [10.1016/j.ejmech.2013.04.069](https://doi.org/10.1016/j.ejmech.2013.04.069)
15. Maftei, D.; **Mantu, D.**; Bejan (Antoci), V.: *Crystal Structure of 8-(4-methylbenzoyl)benzo [5,6]isoindolo [1,2- a]phthalazine-9,14-dione*, *Revista de Chimie*, **64**(3), 301-303, **2013**. (IF 2019=1.755)
16. **Mantu, D.**; Maftei, D.; Iurea, D.; Bejan (Antoci), V.: *Crystal Structure of Ethyl 5,10-dioxo-5,10-dihydrobenzo[f]pyridazino[6,1-a]isoindole-11-carboxylate*, *Revista de Chimie*, **63**(12), 1239-1242, **2012**. (IF 2019=1.755)

17. Bejan, V.; **Mantu, D.**; Mangalagiu, I. I.: *Ultrasound and microwave assisted synthesis of isoindolo-1,2-diazine: A comparative study*, *Ultrason. Sonochem.*, **19**(5), 999-1002, **2012**. (IF 2019=6.513) <https://doi.org/10.1016/j.ultsonch.2012.02.012>
18. **Mantu, D.**; Luca, M. C.; Moldoveanu, C.; Zbancioc, G.; Mangalagiu, I. I.: *Synthesis and antituberculosis activity of some new pyridazine derivatives. Part II*, *Eur. J. Med. Chem.*, **45**(11), 5164-5168, **2010**. (IF 2019= 5.572) <https://doi.org/10.1016/j.ejmech.2010.08.029>
19. Zbancioc, G.; Zbancioc, A. M.; **Mantu, D.**; Miron, A.; Tanase, C.; Mangalagiu, I. I.: *Ultrasounds-assisted synthesis of highly functionalized acetophenone derivatives in heterogeneous catalysis*, *Rev. Roum. Chim.*, **55**(11-12), 983-987, **2010**. (IF 2019= 0.381)
20. Humelnicu, D.; Arsene, C.; Burgehele, B.; Bertescu, M.; Humelnicu, I.; Sandu, I.; **Mantu, D.**; Olariu, R.-I.: *Interaction of Actinide Cations with Heteropolyoxotungstate Ions [SiW11O39]8- and [SiW12O40]4-*, *Revista de Chimie*, **61**(9), 841-844, **2010**. (IF 2019=1.755)
21. **Mantu, D.**; Moldoveanu, C.; Nicolescu, A.; Deleanu, C.; Mangalagiu, I. I.: *A facile synthesis of pyridazinone derivatives under ultrasonic irradiation*, *Ultrason. Sonochem.*, **16**(4), 452-454, **2009**. (IF 2019=6.513) <https://doi.org/10.1016/j.ultsonch.2008.11.012>
22. Simionescu, M.; Săcărescu, L.; Săcărescu, G.; **Mantu, D.**; Mangalagiu, I. I.: *Silicon based materials for biooptoelectronics*, *Rom. Biotech. Lett.*, **14**(3), 4395-4401, **2009**. (IF 2019= 0.765)

2. Lucrări publicate în jurnale ISI (Proceedings): 4

1. Mangalagiu, I.I.; Diaconu, D.; **Amariuca-Mantu, D.**; Moldoveanu, C.; Zbancioc, Ghe.; Danac, R.; Antoci, V.; Mangalagiu, V.: *New achievements in medicinal chemistry of (di)azole and (di)azine*, *Journal of Organic & Inorganic Chemistry*, volume 6, pag. 04, **2020**. ISSN: 2472-1123. DOI: 10.36648/2472-1123.6.3.5 (IF/2019=0.67) (Proceeding of 3rd International Conference on Organic Chemistry 2020, Berlin, Germania, online, 23 Iulie 2020). <https://organic-inorganic.imedpub.com/new-achievements-in-medicinal-chemistry-of-diazole-and-di-azine.pdf>
2. **Amăriucăi-Mantu, D.**; Antoci, V.; Loiseau, P.; Cojean, S.; Mangalagiu, I.I.: *New bis-pyridazine derivatives: synthesis, structure and their potential interest in Leishmaniasis*, *Journal of Chemical Sciences*, volume 9, page 32, **2018**. ISSN: 2150-3494. DOI: [10.4172/2150-3494-C4-026](https://doi.org/10.4172/2150-3494-C4-026) (Proceeding of 5th International Conference on Organic and Inorganic Chemistry, July 12-13, 2018, Paris, France). (IF/2019=1.406)
3. Cucu, D.; **Amăriucăi-Mantu, D.**; Antoci, V.; Mangalagiu, I.I.: *Quinoline derivatives anchored with imidazole moiety: synthesis, structure and biological activity*, *Journal of Chemical Sciences*, volume 9, page 44, **2018**. ISSN: 2150-3494. DOI: [10.4172/2150-3494-C4-027](https://doi.org/10.4172/2150-3494-C4-027) (Proceeding of 5th International Conference on Organic and Inorganic Chemistry, July 12-13, 2018, Paris, France) (IF/2019=1.406)
4. Mangalagiu, V.; **Amăriucăi-Mantu, D.**; Cucu, D.; Antoci, V.; Mangalagiu, I.I.: *Azaheterocycles with antimycobacterial activity*, *Journal of Chemical Sciences*, volume 9, page 50, **2018**. ISSN: 2150-3494. DOI: [10.4172/2150-3494-C4-027](https://doi.org/10.4172/2150-3494-C4-027) (Proceeding of 5th International Conference on Organic and Inorganic Chemistry, July 12-13, 2018, Paris, France) (IF/2019=1.406)

3. Articole științifice publicate în reviste internaționale indexate în BDI: 6 (regular paper 3; proceedings 3)

1. **Amăriucăi-Mantu, D.**; Mangalagiu, I.I.; Antoci, V.: *Synthesis of Benzo[f]Quinoline and its Derivatives: Mini Review*, *Medicinal & Analytical Chemistry International Journal (Med & Analy Chem Int J)*, **3** (1), 1-10, **2019**. ISSN: [2639-2534](https://doi.org/10.23880/macij-16000133), DOI: 10.23880/macij-16000133. (autor corespondent) (Regular paper) (indexat in: Google Scholar, Academic Resource Index, Advanced Science Index, Index Copernicus International, Publons, Scilit)
2. **Amăriucăi-Mantu, D.**; Mangalagiu, I.I.; Antoci, V.; Mangalagiu, V.: *Bis-Pyridazine Derivatives with Anticancer Activity*, *Proceedings* **2019**, 22, 6; doi:10.3390/proceedings2019022006 (Indexing & Abstracting Services: [DOAJ - Directory of Open Access Journals](https://ojs.aaajournals.org/)) (ISSN: 2504-3900) (Proceedings of 2nd Molecules Medicinal Chemistry Symposium (MMCS2019), 15 – 17 May 2019, Barcelona, Spain)

3. Antoci, V.; **Amăriucăi-Mantu, D.**; Mangalagiu, V.; Danac, R.; Mangalagiu, I.I.: Design, synthesis, and anticancer evaluation of fused 1,2-diazine derivatives, *Proceedings* **2019**, 22, 26; doi:10.3390/proceedings2019022026 (Indexing & Abstracting Services: [DOAJ - Directory of Open Access Journals](#)) (ISSN: 2504-3900) (Proceedings of *2nd Molecules Medicinal Chemistry Symposium (MMCS2019)*, 15 – 17 May **2019**, Barcelona, Spain.)
4. **Amăriucăi-Mantu, D.**; Antoci, V.; Mangalagiu, I.I.: *Acetylhydrazine Bis-pyridazinones: Synthesis and Stereochemistry*, *Organic Chemistry: Current Research*, volume 7, page 62, **2018**. ISSN: 2161-0401. DOI: 10.4172/2161-0401-C1-022 (*Proceeding of 4th European Organic Chemistry Congress*, March 01-03, 2018, London, UK) (Indexing and Archiving: Google Scholar, Academic Resource Index, CiteFactor, EBSCO, Publons, WorldCat).
5. El Bouzdoudi, B.; Nejjar El Ansari, Z.; Mangalagiu, I.; **Mantu, D.**; Badoc, A.; Lamarti, A.: *Determination of polyphenols content in Carob Pulp from wild and domesticated Moroccan trees*, *American Journal of Plant Sciences*, **7**, 1937-1951, **2016**. (Indexed in: CABI Databases, PubMed, Google Scholar). (Regular paper)
6. **Mantu, D.**; Antoci, V.; Mangalagiu, I. I.: *Design, Synthesis and Antimycobacterial Activity of Some New Pyridazine Derivatives: Bis-pyridazine. Part IV, Infectious Disorders – Drug Targets*, **13**, 344-351, **2013**. (Indexed in: PubMed, MEDLINE/Index Medicus, EMBASE/Excerpta Medica, Scopus, Chemical Abstracts, PubsHub, BIOSIS, BIOBASE, BIOSIS Previews, BIOSIS Reviews Reports and Meetings, Genamics JournalSeek, J-Gate, MediaFinder) (Regular paper)

4. Articole științifice publicate în reviste naționale indexate în BDI: 11 (regular papers: 3; proceedings: 8)

1. **Mantu, D.**; Antoci, V.; Nicolescu, A.; Delenu, C.; Mangalagiu, I.I.: Pyridazinones with acetylhydrazine skeleton: synthesis and stereochemical investigations", *Acta Chemica Iasi*, **23(2) (supplement)**, 138, **2015**. DOI: 10.1515/achi-2015-0008 (proceeding at „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, 20-31 Octombrie, **2015**, Iași, Romania). (indexed in DE GRUYTER database)
2. Antoci, V.; **Mantu, D.**; Zbancioc, Ghe.; Moldoveanu, C.; Mangalagiu, I.I.: Complexation of anthracene-imidazolium salt with different acetate ions: UV-vis and fluorescence studies, *Acta Chemica Iasi*, **23(2) (supplement)**, 125, **2015**. DOI: 10.1515/achi-2015-0008 (proceeding at „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, 20-31 Octombrie, **2015**, Iași, Romania). (indexed in DE GRUYTER database).
3. Antoci, V.; Apostu, M.; Ciobanu, C.; **Mantu, D.**: NMR and X-ray studies concerning structure of 6,6'-(oxybis(4,1-phenylene))bis-(2-allylpyridazin-3(2H)-one), *Acta Chemica Iasi*, **22(1)**, 1-15, **2014**. (**Regular paper**) ISSN 2067 – 2438.
4. **Mantu, D.**; Ene, E.; Antoci, V.; Zbancioc, A. M.: Diazolium salts with dihydroxyacetophenone skeleton with anticipated anticancer and antibacterial activity, *Acta Chemica Iasi*, **21(1)**, 9-18, **2013**. (**Regular paper**) ISSN 2067 – 2438.
5. **Mantu, D.**; Antoci, V.; Moldoveanu, C.; Zbancioc, Ghe.; Mangalagiu, I. I.: Synthesis and characterization of new imidazole/benzimidazole salts, *Acta Chemica Iasi*, **21(2) (supplement)**, 38, **2013**. DOI: 10.2478/achi-2013-0012 (proceeding at „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, 31 Octombrie - 2 Noiembrie, **2013**)
6. Antoci, V.; **Mantu, D.**; Zbancioc, Ghe.; Moldoveanu, C.; Nicolescu, A.; Ciobanu, C.; Mangalagiu, I. I.: New bis-imidazolium salts: synthesis and NMR characterization, *Acta Chemica Iasi*, **21(2) (supplement)**, 42, **2013**. DOI: 10.2478/achi-2013-0012 (proceeding at University Days of “Al. I. Cuza” University of Iași, 31 Octombrie - 2 Noiembrie, **2013**)
7. Moldoveanu, C.; Zbancioc, Ghe.; **Mantu, D.**; Știuleac, P. M.; Silea, I. O.; Mangalagiu, I.: Synthesis of new imidazolium salts with imidazol skeleton, *Acta Chemica Iasi*, **21(2) (supplement)**, 40, **2013**. DOI: 10.2478/achi-2013-0012 (proceeding at „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, 31 Octombrie - 2 Noiembrie, **2013**)
8. Ene (Plesnicute), E. -L.; Antoci, V.; **Mantu, D.**; Mangalagiu, I. I.: Eco-friendly synthesis of new nitrogen heterocycles compounds using ultrasound irradiation, *Acta Chemica Iasi*, **21(2) (supplement)**, 56, **2013**. DOI: 10.2478/achi-2013-0012 (proceeding at „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, 31 Octombrie - 2 Noiembrie, **2013**)
9. **Mantu, D.**; Bejan, V.; Moldoveanu, C.; Zbancioc, Ghe.; Mangalagiu, I. I.: Nouvelles pyridazinones N-substituées et leur activité antituberculeuse, *Acta Chemica Iasi*, **19(2)**, 192-193, **2010**. Proceeding at 1^{er} Colloque Franco-Roumain de Chimie Médicinale. ISSN 2067 – 2438.
10. Bejan, V.; **Mantu, D.**; Zbancioc, G.; Moldovenanu, C.; Mangalagiu, I. I.: Etudes biologique (propriétés anti-cancéreuses) de nouveaux composés pyrrolo-azahétérocycliques, *Acta Chemica Iasi*, **19(2)**, 133-134, **2010**. (Proceeding at 1^{er} Colloque Franco-Roumain de Chimie Médicinale). ISSN 2067 – 2438.

11. Săcărescu, G.; Simionescu, M.; Săcărescu, L.; **Mantu, D.**; Mangalagiu I.: Polyhydrosilanes- New materials with NLO properties, *Acta Chemica Iasi*, **17**(2), 121-136, **2009**. (Regular paper) ISSN 2067 – 2438.

5. Patente

1. Mangalagiu, I.I.; **Amăriucăi-Mantu, D.**; Antoci, V.; Zbancioc, Ghe.; Moldoveanu, C.; Cucu, D.; Dănac, R.; Mangalagiu, V.: **Obtaining class of anthracene-imidazole compounds with anti-tuberculosis effect by performing N-alkylation imidazole and benzimidazole with 9-chloromethyl-anthracene, and subjecting intermediates to quaternization/Procedeu pentru obținerea unei noi clase de compuși antracen-imidazolici cu activitate antituberculoasă**, Patent RO (Oficiul de Stat pentru Inventii si Marci-OSIM), no. RO134192-A0/2020, Derwent Primary Accession Number: 2020-605892, **2020**. (Cerere brevet)
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6. Cărți / capitole de carte (naționale/internaționale)

1. Danac, R.; Amariuca-Mantu, D.; **Antoci, V.**; Zbancioc, Ghe.; Mangalagiu, V.; Mangalagiu, I.I.: **Microwave assisted reactions for synthesis of bioactive azaheterocycles**, book chapter in *Current Advances in Chemistry and Biochemistry*, Vol. 3, Book Publisher International, Dr. Pradip K. Bhowmik (Editor), page 17-50, 4 March **2021**.
<https://doi.org/10.9734/bpi/cacb/v3/7477D>
ISBN-13 (15): 978-93-90768-93-6(Print), 978-93-90768-91-2 (eBook)

7. Lucrări prezentate la conferințe internaționale: 56

1. Antoci, V.; **Amăriucăi-Mantu, D.**; Diaconu, D.; Zbancioc, G.; Moldoveanu, C.; Ciobanu, C.; Mangalagiu, V.; Mangalagiu, I.I.: New benzo[f]quinolines derivatives: synthesis, structure and antimicrobial activity evaluation, *7th International Conference on Computational and Experimental Science and Engineering, ICCES-2020*, pag. 93, O-145, Antalya, Turcia, online, 21-25 Octombrie, **2020**. (Comunicare orală) www.iccesen.org
2. Diaconu, D.; Roman, T.; **Amăriucăi-Mantu, D.**; Antoci, V.; Mangalagiu, V.; Mangalagiu, I.I.: Quinoline-sulfonamides derivatives: synthesis, characterisation and biological activity evaluation, *7th International Conference on Computational and Experimental Science and Engineering, ICCES-2020*, pag. 92, O-143, Antalya, Turcia, online, 21-25 Octombrie, **2020**. (Comunicare orală) www.iccesen.org
3. Mangalagiu, I.I.; Diaconu, D.; **Amariuca-Mantu, D.**; Moldoveanu, C.; Zbancioc, G.; Danac, R.; Antoci, V.; Mangalagiu, V.: New achievements in medicinal chemistry of (di)azole and (di)azine, *3rd International Conference on Organic Chemistry 2020, OCC-2020*, Berlin, Germania, online, **23 Iulie 2020**, pag 18. <https://online.fliphtml5.com/obhuf/ptyn/#p=14>
4. Cucu (Diaconu), D.; **Amăriucăi-Mantu, D.**; Antoci, V.; Mangalagiu, I.I.: Design and synthesis of a novel quinoline-based potential antileishmanial agents, *2nd World Congress on Chemistry, Chemistry-2019*, 28-29 October **2019**, Roma, Italia, pag. 23. (Poster presentation). <https://biocoreconferences.com/chemistry-congress-2019/>
5. Mangalagiu, I.I.; Mangalagiu, V.; Antoci, V.; **Amăriucăi-Mantu, D.**; Cucu, D.: Discovery of antituberculosis derivatives: a challenging issue, *6th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCES-2019)*, 23-27 October **2019**, ANTALYA-TURKEY, **70-132**, pag. 368 (Oral presentation). www.iccesen.org
6. Mangalagiu, V.; Mangalagiu, I.I.; Antoci, V.; **Amăriucăi-Mantu, D.**: Anticancer activity of some six member ring azaheterocycles, *6th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCES-2019)*, 23-27 October **2019**, ANTALYA-TURKEY, **7P-133**, pag. 381 (Poster presentation). www.iccesen.org
7. Antoci, V.; **Amăriucăi-Mantu, D.**; Cucu, D.; Mangalagiu, V.; Loiseau, P. M.; Cojean, S.; Ciobanu, C.; Zbancioc, Ghe.; Mangalagiu, I.I.: New PyrroloBenzoQuinonePhthalazines and PyrroloBenzoQuinonePyridazines: Synthesis, Structure and Anti-leishmaniasis Activity, *21th Romanian International Conference on Chemistry and Chemical Engineering, RICCCE 21*, 4-7 Septembrie, **2019**, Constanța-Mamaia, România, **S1 – 051**, (oral presentation). <http://riccce21.chimie.upb.ro/program/full-program/>
8. Cucu, D.; Antoci, V.; **Amăriucăi-Mantu, D.**; Ciobanu, C.-I.; Moldoveanu, C.; Mangalagiu, V.; Mangalagiu, I.I.: Design, Synthesis, Structure and anti-TB Activity of some New Pyridine Derivatives Anchored with Benzimidazole Moieties, *21th*

Romanian International Conference on Chemistry and Chemical Engineering, RICCE 21, 4-7 Septembrie, **2019**, Constanța-Mamaia, România, **S1 – 050**, Poster. <http://ricce21.chimie.upb.ro/program/full-program/>

9. Moldoveanu, C.; Zbancioc, Ghe.; **Amăriucăi-Mantu, D.**; Mangalagiu V.; Antoci V.; Mangalagiu, I.I.: *New blue fluorescent benzofuran derivatives*, 13th International Conference on Heteroatom Chemistry (ICHAC 2019), 30 June – 05 July, **2019**. Prague, Czech Republic (Poster PP34 – pag 158). <http://www.ichac2019.com/>

10. Mangalagiu, I.I.; **Amăriucăi-Mantu, D.**; Antoci, V.; Zbancioc, Ghe.; Moldoveanu, C.; Cucu, D.; Danac, R.; Mangalagiu, V.: *Process for obtaining a novel class of anthracene-imidazole compounds with antituberculosis activity*, *The 23rd International Exhibition of Inventions - "INVENTICA 2019"*. June 26-28, **2019**. Iași, România. P130, pag. 167 (Poster) presentation. ISBN 1844-7880 www.ini.tuiasi.ro

11. Cucu, D.; Antoci, V.; **Amăriucăi-Mantu, D.**; Drochioiu, G.; Mangalagiu, V.: *Chemosensors based on imidazole moiety and their coordination complexes with bivalent metals*, World Congress on Functional Materials and Nanotechnology, May 13-14, **2019**, Valencia, Spain. P15, (Poster presentation). <http://functionalmaterials.conferenceera.com/>

12. **Amăriucăi-Mantu, D.**; Mangalagiu, I.I.; Antoci, V.; Mangalagiu, V.: *Bis-Pyridazine Derivatives with Anticancer Activity*, 2nd Molecules Medicinal Chemistry Symposium (MMCS2019), 15 – 17 May **2019**, Barcelona, Spain. P9, pag. 154 (Poster presentation). <https://mmcs2019.sciforum.net/>

13. Antoci, V.; **Amăriucăi-Mantu, D.**; Mangalagiu, V. Danac, R.; Mangalagiu, I.I.: *Design, synthesis, and anticancer evaluation of fused 1,2-diazine derivatives*, 2nd Molecules Medicinal Chemistry Symposium (MMCS2019), 15 – 17 May **2019**, Barcelona, Spain. P14, pag. 159 (Poster presentation). <https://mmcs2019.sciforum.net/>

14. **Amăriucăi-Mantu, D.**; Antoci, V.; Loiseau, P.; Cojean, S.; Mangalagiu, I.I.: *New bis-pyridazine derivatives: synthesis, structure and their potential interest in Leishmaniasis*, *Journal of Chemical Sciences*, volume 9, page 32, **2018**. ISSN: 2150-3494. DOI: 10.4172/2150-3494-C4-026 (*Proceeding of 5th International Conference on Organic and Inorganic Chemistry*, July 12-13, 2018, Paris, France). Oral presentation

15. Cucu, D.; **Amăriucăi-Mantu, D.**; Antoci, V.; Mangalagiu, I.I.: *Quinoline derivatives anchored with imidazole moiety: synthesis, structure and biological activity*, *Journal of Chemical Sciences*, volume 9, page 44, **2018**. ISSN: 2150-3494. DOI: 10.4172/2150-3494-C4-027 (*Proceeding of 5th International Conference on Organic and Inorganic Chemistry*, July 12-13, 2018, Paris, France). Poster

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