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CURRICULUM VITAE

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Poziția și gradul didactic: Conferențiar universitar

Adresa: Conf. dr. Gheorghita Zbancioc, "Al. I. Cuza" University Iasi, Carol I Boulevard No. 11, Iasi – 700506, ROMANIA.

• Studii.

- 1985-1993: Școala primară și gimnaziul, Școala Generală „Nicolae Tonița”, Iași;

- 1993-1997: Liceului “Grup Școlar Energetic” din Iași, absolvit în anul 1997 ;

- 1997-2001: Urmat cursurile Facultății de Chimie, Secția Chimie , Universitatea “Al. I. Cuza” Iași. Am absolvit facultatea în anul 2001, fiind licențiat în Chimie.

- 2001-2003: Urmat cursurile Master (studii aprofundate) în cadrul Univ. “Al. I. Cuza” Iași, secția ”Enzimologie și Biotehnologie ”.

• Doctorat

- Din decembrie 2007 doctor în domeniul științe exacte specializarea chimie. Teza de doctorat cu titlul: "**STUDIUL UNOR 1,2 – DIAZINIU ILIDE SI DERIVATI PRIN METODELE CONVENTIONALE SI NECONVENTIONALE (CU AJUTORUL MICROUNDOR)**" a fost elaborată sub conducerea domnului Prof. dr. IONEL MANGALAGIU

• Grade si functii didactice

- **2012, Octombrie**, am ocupat prin concurs postul de *conferențiar* la Departamentul de Chimie, Facultatea de Chimie, Universitatea "Al.I.Cuza" Iași;

- **2009, Februarie**, am ocupat prin concurs postul de *lector* la Catedra de Chimie Organică, Facultatea de Chimie, Universitatea "Al.I.Cuza" Iași;

- **2007, Februarie**, am ocupat prin concurs postul de *asistent* la Catedra de Chimie Organică, Facultatea de Chimie, Universitatea "Al.I.Cuza" Iași;

- **2005, Februarie**, am ocupat prin concurs postul de *preparator* la la aceeași catedră;

- **2003, Octombrie**, am ocupat prin concurs postul de *preparator* la Catedra de Horticultură, Facultatea de Horticultură, Universitatea de Științe Agricole și Medicină Veterinară „Ion Ionescu de la Brad”;

- **Premii și distincții, specializări în străinătate, burse, etc.**

- În **noiembrie 2014** am câștigat o burse DAAD la Universitatea din Konstanz, Germany și am lucrat în grupul de cercetare al Dr. Thomas Huhn.

- În **martie 2006** am efectuat un stadiu de specializare în domeniul GC-MS, la Departamentul de Chimie din cadrul Universității din Konstanz, Germania, în grupul de cercetare al profesorului Ulrich Groth.

-Mai 19-21, **2015** "**Medalie de aur**" cu brevetul: "Hybrid imidazole / pyridine (quinoline) derivatives with anticancer and antimycobacterial activity". Euroinvent 2016, Iasi, Romania;

-Decembrie 4-6, **2015** "**Medalie de argint**" cu brevetul: "11,12-Bis-p-tolyl-piridazonil-drim-5(6),8(9)-diene-7-one with antifungal and antibacterial properties". Kaohsiung International Invention and Design Expo 2015, Kaohsiung, Taiwan;

-Mai 14-16, **2015** "**Medalie de aur**" cu brevetul: "11,12-Bis-p-tolyl-piridazonil-drim-5(6),8(9)-diene-7-one with antifungal and antibacterial properties". Euroinvent 2015, Iasi, Romania;

- **Limbi străine cunoscute:**

Engleza : bine ;

Franceza : bine ;

Germana : începator.

- **Activitate științifică**

Cercetările întreprinse vizează deschiderea unor direcții noi de cercetare în chimia heterociclicilor cu azot și a azot-ilidelor (cum sunt cel al reacțiilor sub acțiunea microundelor și ultrasunetelor), sinteza de compuși ținta cu potențiale aplicații practice (medicamente, nanomateriale înalt fluorescente și semiconductori, cristale lichide și factori de creștere), cercetări în domeniul chimiei supramoleculare: sinteza unor oxazacoronanzi și oxacoronanzi cu proprietăți speciale. Reacțiile în fază solidă și cele sub acțiunea microundelor și ultrasunetelor se încadrează în categoria așa ziselor reacții „ecologic prietenoase”, un alt domeniu prioritar pe plan mondial. Relativ la aceste ultime aspecte, de poluare a mediului, se încadrează și preocupările noastre în domeniul chimiei toxicologice, fiind vizate în special aspectele de depoluare. În cadrul acestui domeniu am publicat și prezentat la diverse sesiuni științifice mai multe lucrări, după cum urmează:

- **51** lucrări științifice: din care **40** în reviste cotate ISI;
- 456 citări în lucrări științifice de prestigiu, h-index - **13**;
- peste **140** conferințe naționale și internaționale;
- **3** cărți;
- **12** granturi dintre care **3** granturi câștigate prin competiție ca director (cu Ministerul Educației și Cercetării) și alte **11** granturi ca membru (cu Ministerul Educației și Cercetării)

23.05.2019

Semnatura,

Conf. dr. Gheorghita Zbancioc,



LIST OF PAPERS AND CONFERENCES

1. Books: 3

- Costel Moldoveanu, **Gheorghită Zbancioc**, Roxana Tucaliuc, Ana-Maria Zbancioc, Ondina Boiță, Ionel Mangalagiu, **Bazele chimiei organice – Manual de laborator Vol. 1**, Editura Universității „Al. I. Cuza”- Iași, 2008. ISBN: 978-973-703-387-1.
- Dorina Iurea, **Gheorghită Zbancioc**, Geanina Mangalagiu, Ionel Mangalagiu, **Steroide: compusi naturali și analogi de sinteză. Vol. 2**, Editura Universității „Al. I. Cuza”- Iași, 2009. ISBN: 978-973-703-451-9.
- I.I. Mangalagiu; R. Danac; C. Moldoveanu; **Ghe. Zbancioc**. **Chimie și toxicologie judiciare. Separatologie judiciară** (217 pag), Ed. „AIT –SRL Laboratory”, 2011, București. ISBN: 978-606-8363-09-7x2

2. Patents:

1 patent MD, Nr.4370/C1 2016.04.30, Agentia de Stat pentru Proprietatea Intelectuala Chisinau, Rep. Moldova (Arîcu Aculina, (MD), Mangalagiu Ionel,(RO), Ciocârlan Alexandru, (MD) Lungu Lidia,(RO), Zbancioc Gheorghită, (RO), Vornicu Nicoleta,(RO) "11,12-Bis-p-tolyl-pyridazonyl-drim-5(6),8(9)-diene-7-one exhibiting antifungal and antibacterial properties"

3. Publications:

- 1) Lupaescu, A; Jureschi, M.; Ciobanu, C.I.; Ion, L.; **Zbancioc, G.**; Petre, B.A.; Drochioiu, G.: **FTIR and MS evidence for heavy metal binding to anti-amyloid NAP-like peptides**, *International Journal of Peptide Research and Therapeutics*, 25(1), 303-309, 2019. DOI: 10.1007/s10989-018-9672-2
1.132/7=0.1291
- 2) Moldoveanu, C.; Mangalagiu, I.I.; Isac, D.L.; Airinei, A.; **Zbancioc, G.**: **A New Pathway for the Synthesis of a New Class of Blue Fluorescent Benzofuran Derivatives**, *Molecules*, 23(8), 1968, 2018. DOI: 10.3390/molecules23081968
3.098/5=0.6196
- 3) Zaharia, M.; Drochioiu, G.; **Zbancioc, G.**; Gradinaru, R.: **Beyond dinitrophenol interaction with tryptophan-based compounds**, *Acta Chimica Iasi*, 24_1, 43-49, 2016.
- 4) **Zbancioc, G.**; Moldoveanu, C.; Humelnicu, I.; Vasilache, V.; Mangalagiu, I.I.: **Pyridine / Quinoline Derivatives Bearing a Imidazole / Benzimidazole Moiety: a LC-MS Approach of Structure Determination**, *Rev. Chim. (Bucharest)*, 67(8), 1516-1519, 2016
1.232/5=0.2464
- 5) Moldoveanu, C.; **Zbancioc, G.**; Mantu, D.; Maftei, D.; Mangalagiu, I.I.: **The cycloaddition of the benzimidazolium ylides with alkynes: new mechanistic insights**, *Plos One*, 11(5), e0156129, 2016. DOI:10.1371/journal.pone.0156129
2.806/5=0.5612
- 6) Mantu, D.; Antoci, V.; Moldoveanu, C.; **Zbancioc, G.**; Mangalagiu, I.I.: **Hybrid imidazole (benzimidazole) / pyridine (quinoline) derivatives with anticancer and antimycobacterial activity**, *Journal Of Enzyme Inhibition And Medicinal Chemistry*, 31(S2), 96–103, 2016. DOI:10.1080/14756366.2016.1190711
4.293/5=0.8586

- 7) Aricu, A.; Ciocarlan, A.; Lungu, L.; Barba, A.; Shova, S.; **Zbancioc, G.**; Mangalagiu, I.; D'Ambrosio, M.; Vornicu, N.: **Synthesis, antibacterial and antifungal activities of new drimane sesquiterpenoids with azaheterocyclic units**, *Medicinal Chemistry Research*, 25, 2316-2323, 2016. DOI:10.1007/s00044-016-1665-0
1.277/7=0.1824
- 8) **Zbancioc, G.**; Moldoveanu, C.; Zbancioc, A.M.; Humelnicu, I.; Mangalagiu, I.: **New Insights Concerning Microwave Mechanism in Cycloaddition Reaction: Thermal Heating versus Specific Effects of Microwave**, *Rev. Roum. Chim.*, 61(4-5), 441-444, 2016. ISSN: 0035-3930.
0.250/5=0.05
- 9) Zbancioc, A.M.; Tataringa, G.; Jitareanu, A.; Rotinberg, P.; Mihai, C.T.; **Zbancioc, G.**; Miron, A.; Luca, C.M.: **Structure and Cytotoxic Activity of Some Dihydroxyacetophenone Derivatives**, *Rev. Chim. (Bucharest)*, 66(10), 1603-1606, 2015.
0.956/7=0.1366
- 10) **Zbancioc, G.**; Mangalagiu, I.; Moldoveanu, C.: **Ultrasound assisted synthesis of imidazolium salts: An efficient way to ionic liquids**, *Ultrasonics Sonochemistry*, 23(c), 376-384, 2015. DOI: 10.1016/j.ultsonch.2014.10.028
4.556/3=1.5187
- 11) **Zbancioc, Ghe**; Moldoveanu, C.; Zbancioc, A.M.; Mangalagiu, I.: **Microwave Assisted Synthesis of New Pyrrolopyridazine Derivatives with Acetophenone Skeleton. Part IV**, *Current Microwave Chemistry*, 1(1), 41-46, 2014. DOI: 10.2174/2213335601666140210211520
- 12) Zbancioc, A.M.; Miron, A.; Tuchilus, C; Rotinberg, P.; Mihai, C.T.; Mangalagiu, I.; **Zbancioc, Ghe**: **Synthesis and in vitro analysis of novel dihydroxyacetophenone derivatives with antimicrobial and antitumor activities**, *Medicinal Chemistry*, 10(5), 476-483, 2014. DOI: 10.2174/15734064113096660070
1.363/7=0.1947
- 13) Zaharia, M.; Borhan, A.; Gherca, G.; Pui, A.; Gradinaru, R.; **Zbancioc, G.**; Drochioiu, G.: **Letter: Study on the mechanism of ferrite-associated dinitrophenol photodegradation**, *Eur J Mass Spectrom*, 20, 193-197, 2014. doi: 10.1255/ejms.1267
1.000/7=0.1429
- 14) Kuchkova, K.; Aricu, A.; Secara, E.; Barba, A.; Vlad, P.; Ungur, N.; Tuchilus, C; Shova, S.; **Zbancioc, G.**; Mangalagiu, I.: **Design, synthesis, and antimicrobial activity of some novel homodrimane sesquiterpenoids with diazine skeleton**, *Medicinal Chemistry Research*, 23, 1559-1568, 2014. DOI: 10.1007/s00044-013-0720-3
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- 15) **Zbancioc, G.**; Zbancioc, A.M.; Mangalagiu, I.: **Ultrasound and microwave assisted synthesis of dihydroxyacetophenone derivatives with or without 1,2-diazine skeleton**, *Ultrasonics Sonochemistry*, 21(2), 802-811, 2014. DOI: 10.1016/j.ultsonch.2013.09.012
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- 16) Habasescu, L.; **Zbancioc, G.**; Gradinaru, R.V.; Murariu, M.; Ferencz, L.; Drochioiu, G.: **Copper binding to SG and EE peptides as a function of pH. Implication for understanding amyloidogenesis**, *Rev. Roum. Chim.*, 58(6), 501-509, 2013. ISSN: 0035-3930.
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- 17) Zbancioc, A.M.; Miron, A.; Moldoveanu, C.; **Zbancioc, Ghe**: **Imidazolium Salts with Dihydroxyacetophenone Skeleton with Anticipated Anticancer Activity. Part II**, *Rev. Chim. (Bucharest)*, 64 (6), 584-586, 2013.
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- 18) Maftai, D.; **Zbancioc, G.**; Humelnicu, I.; Mangalagiu, I.I.: **Conformational Effects on the Lowest Excited States of Benzoyl-Pyrrolopyridazine. Insights from PCM Time-Dependent DFT**, *J. Phys. Chem. A*, 117(15), 3165-3175, 2013. DOI: 10.1021/jp311396m
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- 19) Kuchkova, K.; Aricu, A.; Barba, A.; Vlad, P.; Shova, S.; Secara, E.; Ungur, N.; **Zbancioc, G.**; Mangalagiu, I.: **An Efficient and Straightforward Method to New Organic Compounds: Homodrimane Sesquiterpenoids with Diazine Units**, *Synlett*, 24, 697-700, 2013. doi: 10.1055/s-0032-1318253
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- 20) **Zbancioc, G.**; Drochioiu, G.; Mangalagiu, I.: **Nicotine and tobacco alkaloids: A GC-MS analysis. Part 2: The tobacco and smoking**, *International Journal of Criminal Investigation*, 2(4), 251-257, 2012.
- 21) **Zbancioc, G.**; Gradinaru, R.; Drochioiu, G.; Mangalagiu, I.: **Nicotine and tobacco alkaloids: A GC-MS approach**, *International Journal of Criminal Investigation*, 2(1), 3-10, 2012.
- 22) **Zbancioc, G.**; Florea, O.; Jones, P.G.; Mangalagiu, I.I.: **An efficient and selective way to new highly functionalized coronands or spiro derivatives using ultrasonic irradiation**, *Ultrason. Sonochem*, 19(3), 399-403, 2012. DOI:10.1016/j.ultsonch.2011.08.001.
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- 23) Drochioiu, G.; Sandu, I.; Gradinaru, R.; **Zbancioc, G.**; Mangalagiu, I.: **Ninhydrin-based forensic investigations: II. Cyanide analytical toxicology**, *International Journal of Criminal Investigation*, 1(4), 213-226, 2011.
- 24) **Zbancioc, G.**; Moldoveanu, C.; Gradinaru, R.; Drochioiu, G.; Olteanu, G.; Mangalagiu, I.: **The metabolism of drugs / toxics in the body. Case study: BZP**, *International Journal of Criminal Investigation*, 1(1), 17-24, 2011.
- 25) Tucaliuc, R.; Cotea, V.V.; Moldoveanu, C.; **Zbancioc, G.**; Deleanu, C.; Jones, P.G.; Mangalagiu, I.I.: **An efficient and selective route to hybrid trifluoromethyl-substituted γ -lactones or fused nitrogen derivatives via cascade reactions**, *Tetrahedron Lett.*, 52, 6439-6442, 2011. DOI:10.1016/j.tetlet.2011.09.093.
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- 26) Gradinaru, R.; Ionas, A.; Pui, A.; **Zbancioc, G.**; Drochioiu, G.: **Interaction of inorganic mercury with CoA-SH and acyl-CoAs**, *Biomaterials*, 24, 1115-1121, 2011. DOI: 10.1007/s10534-011-9472-z.
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- 27) Murariu, M.; Dragan, E. S.; Adochitei, A.; **Zbancioc, G.**; Drochioiu, G.: **Silver-induced conformational changes of polypeptides: A CD study**, *J. Pept. Sci.*, 17, 512-519, 2011. DOI 10.1002/psc.1359
1.799/5=0.3598
- 28) Mantu, D.; Luca, M.C, Moldoveanu, C.; **Zbancioc, Ghe.**; Mangalagiu I. I.: **Synthesis and antituberculosis activity of some new pyridazine derivatives. Part II**, *Eur. J. Med. Chem*, 45, 5164-5168, 2010. doi:10.1016/j.ejmech.2010.08.029.
3.193/5=0.6386
- 29) Zbancioc, A.M.; **Zbancioc, Ghe.**; Tanase, C. Miron, A.; Mangalagiu I. I.: **Design, synthesis and *in vitro* anticancer activity of a new class of dual DNA intercalators**, *Lett. Drug Des. Discov.*, 7, 644-649, 2010. Bentham Science Publishers, DOI: 10.2174/157018010792929504.
0.668/5=0.1336
- 30) **Zbancioc, G.**; Huhn, T.; Groth, U; Deleanu, C.; Mangalagiu, I; **Pyrrolopyridazine derivatives as blue organic luminophores: synthesis and properties. Part 3**, *Tetrahedron*, 66, 4298-4306, 2010. doi:10.1016/j.tet.2010.04.050.
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- 31) **Zbancioc, G.**; Mangalagiu, I; **Pyrrolopyridazine derivatives as blue organic luminophores: synthesis and properties. Part 2**, *Tetrahedron*, 66, 278-282, 2010. doi:10.1016/j.tet.2009.10.110.
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- 32) **Zbancioc, G.**; Zbancioc, A.M.; Mangalagiu, I.I.; **Environmentally friendly Methods for synthesis of new aromatic bisesters**, *Synthetic commun.*, 40(15), 2201-2208, 2010. ISSN: 0039-7911. DOI: 10.1080/00397910903219609
0.937/3=0.3123
- 33) **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. ISSN: 0035-3930.
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- 34) **Zbancioc, G.**; Zbancioc, A.M.; Mangalagiu, I.I.; **Microwave assisted reactions of aromatic bisesters in liquid phase**, *Rev. Roum. Chim.*, 55(2), 117-122, 2010. ISSN: 0035-3930.
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- 35) **Zbancioc, Ghe.**; Bejan, V.; Risca, M.; Moldoveanu, C.; Mangalagiu, I.; **Microwave assisted reactions of some azaheterocyclic compounds**, *Molecules* 14, 403-411, 2009.
doi:10.3390/molecules14010403
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- 36) Balan A.M.; Florea O.; Moldoveanu, C.; **Zbancioc Ghe.**; Iurea, D.; Mangalagiu I. I.; **Diazinium salts with dihydroxyacetophenone skeleton: Syntheses and antimicrobial activity**, *Eur. J. Med. Chem.*, 44, 2275-2279, 2009. doi:10.1016/j.ejmech.2008.06.017
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- 37) Balan, A.M.; **Zbancioc, G.**; Bentea, E.; Carja, I.; Ungureanu, M; Tuchilus, C; Mangalagiu, I; **Synthesis and antimicrobial activity of new aromatic esters of potential interest in supramolecular chemistry**, *Rev. Chim. (Bucharest)*, 60 (10), 1021-1024, 2009.
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- 38) Drochioiu, G.; Adochitei, A; Habasescu, L; **Zbancioc, G.**; Pui, A; Gradinaru, R.; Rusu, E; **CD and FT-IR study of some adducts of albumin with toxic dinitrophenyl derivatives**, *Bull. Instit. Polith. Iasi*, Sectia Chimie si Inginerie Chimica, Tomul LV (LIX), Fasc. 4, 23-28, 2009.
- 39) Murariu, M.; Stela, Dragan, E.S.; Adochitei, A; Habasescu, L; **Zbancioc, G.**; Pui, A; Drochioiu, G.; **Conformational changes of peptides on binding metals: CD & FT-IR studies**, *Bull. Instit. Polith. Iasi*, Sectia Chimie si Inginerie Chimica, Tomul LV (LIX), Fasc. 4, 89-94, 2009.
- 40) Mangalagiu, I.I.; Florescu, M.; **Zbancioc, G.**; Caprosu, M.: **Synthesis of new 1,2-diazine nanomaterials through conventional and nonconventional methods**, *Journal of Physics: Conferince Series*, 61, 484-486, 2007.
- 41) **Zbancioc, G.**; Mangalagiu, I.: **Microwave-assisted synthesis of highly fluorescent pyrrolopyridazine derivatives**, *SynLett*, (05), 0804-0806, 2006. DOI: 10.1055/s-2006-932459
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- 43) Risca, I.M.; **Zbancioc, G.**; Moldoveanu, C.; Drochioiu, G.; Mangalagiu, I.: **Effect of some new monoquaternary salts of diazine on germination and seedling growth of Norway spruce (*Picea abies* (L.) Karsten)**, *Rom. Biotech. Lett.*, 11(1), 2563-2568, 2006.
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- 44) **Zbancioc, G.**; Caprosu, M.; Moldoveanu, C.; Mangalagiu, I.: **Microwave assisted synthesis for dimers via [3+3] dipolar cycloaddition**, *Arkivok*, (x), 189-198, 2005.
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- 51) Mangalagiu, I.; Mangalagiu, G.; Dima, St.; Moldoveanu, C.; **Zbancioc, Gh.**; Petrovanu, M.: **Study of the basicity of some 4-methyl-pyrimidinium ylides**, *Anall. Sci. Univ. "Al. I. Cuza" Iassi*, 9(s1c), 115-118, **2001**.

3. The citations of scientific contributions

The **Hirsch index** according to **Web of Science** – 13

The **Hirsch index** according to **Scopus** – 13

The **Hirsch index** according to **Google Scholar** – 12

4. Publication in volume of conference

- **Zbancioc, G.**; Moldoveanu, C.; Mantu, D.; Mangalagiu, I.: **MICROWAVE ASSISTED SYNTHESIS OF NEW HIGHLY FLUORESCENT PYRROLO-IMIDAZOLE**, 11th International Conference on Global Research and Education, Budapest, Hungary 27 - 30 August **2012** (pp. 483-487), ISBN 978-615-5018-37-4.
- Moldoveanu, C.; **Zbancioc, G.**; Antoci, V.; Mangalagiu, I.: **ULTRASOUND ASSISTED SYNTHESIS OF NEW IONIC LIQUIDS IMIDAZOLE BASED**, 11th International Conference on Global Research and Education, Budapest, Hungary 27 - 30 August **2012**, (pp. 257-260), ISBN 978-615-5018-37-4.
- Mangalagiu, I.; Florescu, M.; **Zbancioc, Gh.**; Moldoveanu, C.; Caprosu, M.; **SYNTHESIS OF NEW 1,2-DIAZINE NANOMATERIALS**, **International Conference on Nanoscience and Technology**, 30 July – 4 August **2006**, Basel, Elvetia, P-1292, pag 342, (Poster).

5. Conference

Participation in national and international conferences

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6. Research's grants

- 2 grants as director and 9 grants as research team member

National grant as director-2

1. Grant TE; cod UEFISCDI PN-III-P1-1.1-TE-2016-1205, period: 2018- 2020
Finance by UEFISCDI, Romanian Ministry of Education and Research

Project manager: **Conf. dr. Gheorghită ZBANCIOC**

Grant value: 450.000 RON

Project title: **New Polyfunctional Azasteroids Mimics: fluorescent and biologically active compounds**

2. Grant TD, no. 27693/2005, cod CNCSIS 348, period: 2005-2006

Financed by **CNCSIS, Romanian Ministry of Education and Research**

Project manager: **Prep. drd. Gheorghită ZBANCIOC**

Grant value: a) anul 2005: 2950 €

b) anul 2006: 1780 €

Project title: **Microwave assisted reaction in pyridazinium and phthalazinium ylides**

International grant as director-1

1. Grant Bilateral România-Rep. Moldova, no. 682/2013, period: 2013-2014

Finance by **UEFISCDI, Romanian Ministry of Education and Research**

Project managers: **Conf. dr. Gheorghită ZBANCIOC/CP I. dr. Alexandru Ciocârlan, Academy of Science of Rep. Moldova**

Grant value: 29.000 RON,

Project title: **Sinteza compușilor noi biologic activi cu unități structurale terpenice și heterociclice**

National grants as associate-6

1. Grant PN-II-Ideii, No. 268/5.10.2011, period: 2012-2014

Finance by **UEFISCDI, Romanian Ministry of Education and Research**

Project manager: **prof.dr. Ionel MANGALAGIU**

Grant value: 1.500.000 RON

Project title: **New polifunctional nitrogen derivatives (heterocycles, podants and macrocycles) as smart versatile building blocks for multiple tasks, Finantator: MEC-CNCSIS**

2. Grant TE; cod UEFISCDI PN-II-RU-TE-2011-3-0010, period: 2011- 2014

Finance by **UEFISCDI, Romanian Ministry of Education and Research**

Project manager: **Conf. dr. Costel MOLDOVEANU**

Grant value: 750.000 RON

Project title: **New imidazole derivatives - from ionic liquids to N-heterocyclic carbenes - with potential practical applications**

3. Grant PN II-Ideas, no. 88/2008, period: 2009-2011

Finance by **CNCSIS, Romanian Ministry of Education and Research**

Project manager: **Prof. dr. Ionel MANGALAGIU**

Grant value: 1.500.000 RON

Project title: **Chemosensors with Macrocyclic Skeleton**

4. Grant CEEEX-MATNANTECH, (Research of Excellency), no. 36/2005, period: 2005-2008

Finance by **CNCSIS-MATNANTECH, Romanian Ministry of Education and Research**

Project manager: **Prof. dr. Ionel MANGALAGIU**

Grant value: 450.000,00 €

Project title: **Macrocyclic nanostructures of coronand type by conventional and unconventional methods (microwaves and ultrasounds).**

5. Grant CEEEX-BIOTECH (Research of Excellency), grant no. 49/2005, period: 2005-2008

Finance by **CNCSIS-BIOTECH, Romanian Ministry of Education and Research**

Project manager: **Prof. dr. Ionel MANGALAGIU**

Grant value: 450.000,00 €

Project title: **The obtain, and the physical-chemical and biochemical characterization of some glicozid-steroidic biopreparations with vegetal origins.**

6. Grant type A, period: 2006-2008

Finance by CNCSIS, Romanian Ministry of Education and Research

Project manager: **Prof. dr. Ionel MANGALAGIU**

Grant value: a) year 2006 **cod 1155, tema 16**. Value : 40.000,00 lei

b) year 2007: **cod 1155, tema 28** . Value : 35.000,00 lei

c) year 2008: **cod 1155, tema 19**. Value : 20.000,00 lei

Project title: **The reactions under microwaves heating in heterocyclic systems.**

7. Grant type A, period: 2003-2005

Finance by CNCSIS, Romanian Ministry of Education and Research

Project manager: **Prof. dr. Ionel MANGALAGIU**

Grant value: a) year 2003 **cod 1322, tema 13**. Value : 59.000.000,00 lei

b) year 2004 **cod 1322, tema 20**. Value : 144.000.000,00 lei

c) year 2005 **cod 1322, tema 29**. Valoare : 180.000.000,00 lei

Project title: **The reactions under microwaves heating in heterocyclic systems.**

International grants as associate – 3

1. Grant Bilateral România-Rep. Moldova, no. 31BM//15.09.2016, period: 2016-2017

Finance from: UEFISCDI, Romanian Ministry of Education and Research

Director: **conf.dr. Costel Moldoveanu, Romania/ CP I.dr. hab. Aculina Aricu, Academy of Science of Rep. Moldova**

Grant value: 30.000 RON

Project title: **Directed synthesis and study of some chiral complexes containing terpene-heterocyclic ligands**

2. Grant Bilateral România-Rep. Moldova, no. 418/02.06.2010, period: 2010-2012

Finance from: UEFISCDI, Romanian Ministry of Education and Research

Director: **prof.dr. Ionel Mangalagiu, Romania/ CP I.dr. Aculina Aricu, Academy of Science of Rep. Moldova**

Grant value: 29.000 RON

Project title: **Biologically active compounds with terpenoid and azaheterocycle skeleton through conventional and nonconventional methods**

3. Grant FP7- People-2009-IRSES, no. 246902/2009, period: 2009-2011

Finance from: European Union- FP7 program IRSES

Director: **prof.dr. Ionel Mangalagiu, Romania/ prof. Dr. Andrew Benniston, UK/ prof.dr. Constantin Turta, Moldova**

Grant value: 200.000,00 Euro (30.000 Euro Romanian share)

Project title: **Photocatalytic Clusters Complexes for Artificial Photosynthesis Applications.**

4. Grant NATO- Collaborative Linkage Grant, no. PDD(CP)-(CBP.EAP.CLG 982499)/20.11.2006, period: 2006-2007

Finance from: NATO PROGRAMME SECURITY THROUGH SCIENCE

Director: **prof.dr. Ionel Mangalagiu, Romania/ prof. Dr. Ulrich Groth, Germania**

Grant value: 5.000,00 Euro

Project title: **Synthesis of Highly Fluorescent Materials Through Eco-friendly Methods.**

06.06.2019

Conf. dr. Gheorghita Zbancioc

