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CURRICULUM VITAE

Date bibliografice.

Data nașterii: 19 mai 1978

Starea civila: căsătorit, doi copii

• Studii.

- 1984 – 1992: Școala primară și gimnaziul, Școala Generală cu clasele I – VIII, localitatea Sagna, jud. Neamț;

- 1993-1997: Liceul „Grupul Școlar Materiale de Construcții” – Roman, profil real: chimie-fizică, absolvit în anul 1997 ;

- 1997-2001: Facultatea de Chimie, Secția Chimie, Universitatea “Al. I. Cuza” Iași. Am absolvit facultatea ca șef de promoție în anul 2001, fiind licențiat în Chimie.

- 2001-2003: Master (studii aprofundate) la Facultatea de Chimie în cadrul Univ. “Al. I. Cuza” Iași, secția ” Chimia și Biochimia Compușilor Heterociclici”. Am absolvit cursurile de Master cu media 10.

• Doctorat

Doctor în domeniul Științe Exacte, Specializarea Chimie (**OMECT nr. 3439/12.03.2008**).

Titlul tezei de doctorat: „**1,3 – DIAZINIU ILIDE SI DERIVATI**” sub conducerea **prof. dr. IONEL MANGALAGIU**

• Grade și funcții didactice

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

- **2008, Octombrie**, am ocupat prin concurs postul de *lector* la Catedra de Chimie Organică și Biochimie, Facultatea de Chimie, Universitatea "Al. I. Cuza" Iași;

- **2006, Februarie**, am ocupat prin concurs postul de *asistent* la Catedra de Chimie Organică și Biochimie, Facultatea de Chimie, Universitatea "Al. I. Cuza" Iași;

- **2002, Octombrie**, am ocupat prin concurs postul de *preparator* la Catedra de Chimie Organică și Biochimie, Facultatea de Chimie, Universitatea "Al. I. Cuza" Iași;
- În anul universitar **2001-2002** am suplinit un post de preparator la Catedra de Chimie Organică și Biochimie a Facultății de Chimie și am ținut laboratoare la disciplinele de "Chimie organica", anul II, respectiv la " Analiza structurală organică", anul III;

- **Specializări în străinătate, burse, etc.**

- În perioada **1 martie – 31 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.

- În perioada **9 – 12 decembrie 2006** am obținut de o bursă oferită de Alexander von Humbold Foundation și Stability Pact for South Eastern Europe care acoperă cheltuielile de participare la International Symposium on Organic Chemistry, Sofia, Bulgaria.

- In perioada **15 februarie 2009 – 15 februarie 2010** am realizat un stagiul postdoctoral la University of Pennsylvania – Philadelphia, USA, in laboratoarele **prof. Dr. Virgil Percec**.

- **Limbi străine cunoscute:**

Engleza : bine;

Franceza : bine ;

- **Activitate științifică**

Direcția de cercetare este domeniul 1,3-diazine și 1,3-diazoli și reacțiile sub acțiunea ultrasunetelor.

În cadrul acestui domeniu am publicat și prezentat la diverse sesiuni științifice mai multe lucrări, după cum urmează:

- Coautor la trei cărți (manuale de laborator sau culegeri de exerciții și probleme);
- **47** lucrări științifice: **39** în reviste cotate ISI;
- **439** citări ale lucrărilor științifice (fără autocitări), *h*-index - **13**
- **125** conferințe naționale și internaționale;
- **14** granturi dintre care **3** granturi câștigate prin competiție ca director în valoare de: 786000RON (cu Ministerul Educației și Cercetării) și alte **11** granturi ca membru (cu Ministerul Educației și Cercetării)

(vezi anexa)

20.06.2018

Semnătura,
Conf. dr. Costel Moldoveanu

LIST OF PAPERS AND CONFERENCES

BOOKS:

1. CHIMIE SI TOXICOLOGIE JUDICIARA. SEPARATOLOGOLOGIE JUDICIARA, Ionel Mangalagiu; Ramona Danac; Costel Moldoveanu; Gheorghita Zbancioc, *Editura „AIT –SRL Laboratory”*, Bucuresti **2011**. (217 pag.) ISBN: 978-606-8363-09-7x2
2. BAZELE CHIMIEI ORGANICE – MANUAL DE LABORATOR Vol I, Costel Moldoveanu, Gheorghita Zbancioc, Roxana Tucaliuc, Ana-Maria Zbancioc, Ondina Boița, Ionel Mangalagiu, *Editura Universității „Al. I. Cuza”- Iași*, **2008**. ISBN: 978-973-703-336-9
3. EXERCITII ȘI PROBLEME DE CHIMIE ORGANICĂ, Maria Caproșu, Costel Moldoveanu, Ionel Mangalagiu, *Editura Universității „Al. I. Cuza”- Iași*, **2005**. ISBN: 973-703-071-0

PUBLICATIONS:

- 1) 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**.
1.232/4=0.308
- 2) 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
- 3) 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.
0.246/4=0.0615
- 4) C. Moldoveanu, G. Zbancioc, D. Mantu, D. Maftai, I. Mangalagiu: „THE CYCLOADDITION OF THE BENZIMIDAZOLIUM YLIDES WITH ALKYNES: NEW MECHANISTIC INSIGHTS”; *PlosOne*, **11(5)**, e0156129, **2016**. DOI: 10.1371/journal.pone.0156129
2806/5=0.5612
- 5) C. Moldoveanu, V. Vasilache, M. Risca: „BIOLOGICAL EFFECTS OF SOME NEW IMIDAZOLE DERIVATIVES ON SPRUCE (PICEA ABIES) GERMINATION”; *Revista de Chimie*, **66(1)**, 104-108, **2015**.(ISSN: 0034-7752).
0.956/3=0.3187
- 6) G. Zbancioc, I. Mangalagiu, C. Moldoveanu: „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
- 7) L. Odochian, C. Moldoveanu, D. Maftai: „TG-FTIR STUDY ON THERMAL DEGRADATION MECHANISM OF PTFE UNDER NITROGEN ATMOSPHERE AND IN AIR. INFLUENCE OF THE GRAIN SIZE”; *Thermochimica Acta*, **598(c)**, 28-35, **2014**. DOI: 10.1016/j.tca.2014.10.023.
2.184/3=0.728
- 8) G. Zbancioc, C. Moldoveanu, A.M. Zbancioc, I. Mangalagiu: „MICROWAVE ASSISTED SYNTHESIS OF NEW PYRROLOPYRIDAZINE DERIVATIVES WITH ACETOPHENONE SKELETON. PART V”; *Current Microwave Chemistry*, **1(1)**, 41-46, **2014**.
0.0/4=0.0
- 9) L. Odochian, C. Moldoveanu, L. Iancu, A. Baiceanu, D.G. Cozma: „PROBLEM SOLVING - AN INTERACTIVE ACTIVE METHOD FOR TEACHING THE THERMOKINETIC CONCEPT”; *Acta Chemica Iasi*, **22(1)**, 13-24, **2014**.

10) V. Vasilache, **C. Moldoveanu**, L. Fartais, M. Risca,: „EFFECT OF SOME NEW IMIDAZOLE DERIVATIVES ON WHEAT (*TRITICUM AESTIVUM*) GERMINATION”; *Revista de Chimie*, **65(2)**, 177-180, **2014**.(ISSN: 0034-7752).

0.810/4=0.2025

11) D. Astefanei, N. Buzgar, M. Risca, **C. Moldoveanu**, I. Mangalagiu: „SYNTHESIS, SERS, RAMAN AND FT-IR INVESTIGATION IN CONJUNCTION WITH DFT THEORETICAL SIMULATIONS ON N-(2-CYANOETHYL)-IMIDAZOLE. PART I”; *Revista de Chimie*, **65(6)**, 684-688, **2014**.(ISSN: 0034-7752).

0.810/5=0.162

12) A. M. Zbancioc, A. Miron, **C. Moldoveanu**, Ghe. Zbancioc: „IMIDAZOLIUM SALTS WITH DIHIDROXYACETOPHENONE SKELETON WITH ANTICIPATED ANTICANCER ACTIVITY. II”; *Revista de Chimie*, **64(6)**, 584-586, **2013**.(ISSN: 0034-7752).

0.677/4=0.1693

13) **C. Moldoveanu**, L. Odochian, C.M. Paius, L. Iancu, A. Baiceanu: „STUDY ON THE THERMAL BEHAVIOR OF CASEIN IN AIR”; *Acta Chemica Iasi*, **21(1)**, 31-46, **2013**.

14) L. Odochian, **C. Moldoveanu**, G. Carja: „CONTRIBUTIONS TO THE THERMAL DEGRADATION MECHANISM UNDER AIR ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE ADDITIVE NATURE”; *Thermochimica Acta*, **558(1-2)**, 22-28, **2013**, dx.doi.org/10.1016/j.tca.2013.02.008.

2.105/3=0.7017

15) Mocanu, A. M.; **Moldoveanu, C.**; Odochian, L.; Paius, C. M.; Apostolescu, N.; Neculau R.: “STUDY ON THE THERMAL BEHAVIOR OF CASEIN UNDER NITROGEN AND AIR ATMOSPHERE BY MEANS OF THE TG-FTIR TECHNIQUE”, *Thermochimica Acta*, **546**, 120-126, **2012**. DOI: 10.1016/j.tca.2012.07.031.

1.989/6=0.3315

16) 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 Letters*, **52** 6439-6442, **2011**, DOI: 10.1016/j.tetlet.2011.09.093.

2.683/7=0.833

17) Gheorghita Zbancioc, **Costel Moldoveanu**, Robert Gradinaru, Gabi Drochioiu, Gabriel Olteanu, Ionel Mangalagiu: “THE METABOLISM OF DRUGS / TOXICS IN THE BODY. CASE STUDY: BZP”; *International Journal of Criminal Investigation*, **1(1)**, 17-24, **2011**.

18) L. Odochian, **C. Moldoveanu**, A. M. Mocanu, G. Carja: „CONTRIBUTIONS TO THE THERMAL DEGRADATION MECHANISM UNDER NITROGEN ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE ADDITIVE NATURE”; *Thermochimica Acta*, **526(1-2)**, 205-212, **2011**, doi:10.1016/j.tca.2011.09.019.

1.805/4=0.47475

19) L. Odochian, D. Dirtu, A. M. Mocanu, **C. Moldoveanu**,: „CONTRIBUTIONS TO THE DEGENERATED BRANCHING MECHANISM OF THE THERMAL DECOMPOSITION REACTION OF AMMONIA”; *Kinetics and Catalysis*, **52(4)**, 480-486, **2011**, doi: .

0.638/4=0.1595

20) A. M. Mocanu, L. Odochian, N. Apostolescu, **C. Moldoveanu**: „COMPARATIVE STUDY ON THERMAL DEGRADATION OF SOME NEW DIAZOAMINODERIVATIVES UNDER AIR AND NITROGEN

ATMOSPHERES”; *Journal of Thermal Analysis and Calorimetry*, **103(1)**, 283-291, **2011**. DOI 10.1007/s10973-010-0857-y.

1.604/4=0.4010

21) Leowanawat, P.; Resmerita, A-M.; Moldoveanu, C.; Liu, C.; Zhang, N.; Wilson, D.; Hoang, L.; Rosen, B.; Percec, V.: "ZERO-VALENT METALS ACCELERATE THE NEOPENTYLGLYCOLBORYLATION OF ARYL HALIDES CATALYZED BY NiCl₂-BASED MIXED-LIGAND SYSTEMS", *Journal of Organic Chemistry*, **75**, 7822-7828, 2010. DOI: 10.1021/jo101718v.(ISSN: 0022-3263)

4.002/9=0.4447

22) 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.(ISSN: 0223-5234)

3.193/5=0.6386

23) A. M. Mocanu, L. Odochian, C. Moldoveanu, G. Carja: „TG-FTIR STUDY ON THERMAL DEGRADATION IN AIR OF SOME NEW DIAZOAMINODERIVATIVES (II)”; *Thermochimica Acta*, **509(1-2)**, 33-39, **2010**, doi:10.1016/j.tca.2010.05.019.(ISSN: 0040-6031)

1.908/4=0.477

24) C. Moldoveanu, D. A. Wilson, C. J. Wilson, P. Leowanawat, A.M. Resmerita, C. Liu, B. M. Rosen, V. Percec: "NEOPENTYLGLYCOLBORYLATION OF ORTHO-SUBSTITUTED ARYL HALIDES CATALYZED BY NiCl₂-BASED MIXED-LIGAND SYSTEMS"; *Journal of Organic Chemistry*, **75**, 5438-5452, **2010**. DOI 10.1021/jo101023t.(ISSN: 0022-3263)

4.002/8=0.5002

25) M. Risca, C. Moldoveanu, D. Astefanei, I. Mangalagiu: „MICROWAVE ASSISTED REACTIONS OF IMIDAZOLE DERIVATIVES OF POTENTIAL PRACTICAL APPLICATIONS”; *Revista de Chimie*, **61(3)**, 303-305, **2010**.(ISSN: 0034-7752)

0.693/4=0.1732

26) D. A. Wilson, C. J. Wilson, C. Moldoveanu, A. M. Resmerita, P. Corcoran, L. M. Hoang, B. M. Rosen, V. Percec NEOPENTYLGLYCOLBORYLATION OF ARYL MESYLATES AND TOSYLATES CATALYZED BY Ni-BASED MIXED LIGAND SYSTEMS ACTIVATED WITH ZN, *Journal of the American Chemical Society*, **132(6)**, 1800-1801, **2010**. doi: 10.1021/ja910808x.(ISSN: 0002-7863)

9.023/8= 1.1278

27) A. M. Mocanu, L. Odochian, N. Apostolescu, C. Moldoveanu: „TG-FTIR STUDY ON THERMAL DEGRADATION IN AIR OF SOME NEW DIAZOAMINODERIVATIVES”; *Journal of Thermal Analysis and Calorimetry*, **100(2)**, 615-622, **2010**. DOI 10.1007/s10973-009-0005-8.(ISSN: 1388-6150)

1.752/4=0.4380

28) Odochian L., Soldea C., Paius C., Mocanu A.M., Moldoveanu C.; KINETIC STUDY ON COMPETITIVE ALKYLATION OF AN ARENE MIXTURE COMING FROM THE PETROCHEMICAL INDUSTRY, *Revista de Chimie*, **61(3)**, 316-321, **2010**.(ISSN: 0034-7752)

0.693/5=0.1198

29) C. Moldoveanu, D. A. Wilson, C. J. Wilson, P. Corcoran, B. M. Rosen, V. Percec NEOPENTYLGLYCOLBORYLATION OF ARYL CHLORIDES CATALYZED BY THE MIXED LIGAND SYSTEM NiCl₂(dppp)/dppf, *Organic Letters*, **11(21)**, 4974-4977, **2009**, highlighted in *Synfacts*, **1**, 0084-0084, **2010** (DOI: 10.1055/s-0029-1218429).

5.420/6=0.9034

- 30) **Moldoveanu, C.C.**, Jones, P.G., Mangalagiu, I.I., SPIROHETEROCYCLIC COMPOUNDS: OLD STORIES WITH NEW OUTCOMES, *Tetrahedron Letters* **50(51)**, 7205-7208, (2009), doi: [10.1016/j.tetlet.2009.10.044](https://doi.org/10.1016/j.tetlet.2009.10.044).
2.660/3=0.8867
- 31) Mantu, D., **Moldoveanu, C.**, Nicolescu, A., Deleanu, C., Mangalagiu, I.I.; A FACILE SYNTHESIS OF PYRIDAZINONE DERIVATIVES UNDER ULTRASONIC IRRADIATION, *Ultrasonics Sonochemistry*, **16(4)**, 452-454, 2009.
2.993/5=0.5986
- 32) Ghe. Zbancioc, V. Bejan, M. Risca, **C. Moldoveanu**, I. Mangalagiu; MICROWAVE ASSISTED REACTIONS OF SOME AZAHETEROCYCLIC COMPOUNDS, *Molecules* **14**, 403-411; doi:10.3390, 2009.
1.738/5=0.3476
- 33) V. Bejan, **C. Moldoveanu**, I. Mangalagiu; ULTRASOUND ASSISTED REACTIONS OF STEROID ANALOGOUS OF ANTICIPATED BIOLOGICAL ACTIVITIES, *Ultrasonics Sonochemistry*, **16(3)**, 312-315, 2009.
2.993/3=0.9977
- 34) Balan A.M.; Florea O.; **Moldoveanu, C.**; Zbancioc Ghe; Iurea, D.; Mangalagiu I. I.: DIAZINIUM SALTS WITH DIHYDROXYACETOPHENONE SKELETON: SYNTHESSES AND ANTIMICROBIAL ACTIVITY, *European Journal of Medicinal Chemistry*, **44(5)**, 2275-2279, 2009.
3.269/6=0.5448
- 35) A. M. Mocanu, L. Odochian, **C. Moldoveanu**, G. Carja, C. Oniscu: „STUDY ON THERMAL BEHAVIOR OF SOME NEW AZOMETHINES”; *Revista de Chimie*, **60(9)**, 928-933, 2009.
0.552/5=0.1104
- 36) L. Odochian, A. M. Mocanu, **C. Moldoveanu**, G. Carja, C. Oniscu: „THERMAL DEGRADATION STUDIES ON SOME METAL HYDRAZINIC COMPLEXES”; *Journal of Thermal Analysis and Calorimetry*, **94(2)**, 329-334, 2008.
1.630/5=0.3260
- 37) **Moldoveanu, C.**, Odochian, L., Mangalagiu, I., Dumitraş, M., Apostolescu, N.: „STUDY BY THERMAL METHODS ON SOME NEW CYCLIC YLIDES AND DERIVATIVES”; *Journal of Thermal Analysis and Calorimetry*, **93(3)**, 907-914, 2008.
1.630/5=0.3260
- 38) Spulber, M., Pinteala, M., Fifere, A., **Moldoveanu, C.**, Mangalagiu, I., Harabagiu, V., Simionescu, B.C.: WATER SOLUBLE COMPLEXES OF METHYL B-CYCLODEXTRIN AND SULCONAZOLE NITRATE, *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **62**, 135-142, 2008.
1.126/7=0.1609
- 39) M. Ungureanu, **C. Moldoveanu**, A. Poata, G. Drochioiu, M. Petrovanu, I. Mangalagiu, NOUVEAUX DÉRIVÉS PYRIMIDINIQUES DOUÉS D’ACTIVITÉ ANTIBACTÉRIENNE OU FONGISTATIQUE IN VITRO, *Anall. Pharm. Francaises*, **64 (4)**, 287-288, 2006.
- 40) I.M. Risca, G. Zbancioc, **C. Moldoveanu**, G. Drochioiu and I. Mangalagiu, EFFECT OF SOME NEW MONOQUATERNARY SALTS OF DIAZINE ON GERMINATION AND SEEDLING GROWTH OF NORWAY SPRUCE (*Picea abies* (L.) Karsten), *Roumanian Biotechnological Letters*, **11(1)**, 2563-2568, 2006.

0.152/5=0.0304

41) **C. Moldoveanu** and I. Mangalagiu, 4-METHYL- AND 4-(HALOPHENYL)PYRIMIDINIUM (4-HALOBENZOYL)METHYLIDES. CORRELATION OF STRUCTURE, STABILITY, REACTIVITY, AND BIOLOGICAL ACTIVITY, *Helvetica Chimica Acta*, **88 (10)**, 2747 - 2756, **2005**.

1.650/2=0.8250

42) Ghe. Zbancioc, M. Caprosu, **C. Moldoveanu** and I. Mangalagiu, MICROWAVE ASSISTED SYNTHESIS FOR DIMERS VIA [3+3] DIPOLAR CYCLOADDITION, *Arkivok*, (x), 189-198, **2005**.

0.694/4=0.1735

43) Ghe. Zbancioc, M. Caprosu, **C. Moldoveanu** and I. Mangalagiu, MICROWAVE ASSISTED 1-3 DIPOLAR CYCLOADDITION REACTIONS OF 4-HALOPHENYL-PHTALAZINIUM YLIDES, *Rev. Roum. Chim.*, **50**, 353-358, **2005**.

0.226/4=0.0565

44) **Costel C. Moldoveanu**, Geanina C. Mangalagiu, Gheorghita N. Zbancioc, Gabi Drochioiu, Maria C. Caprosu, Ionel I. Mangalagiu, 4-(4-CHLORO-PHENYL)-PYRIMIDINIUM YLIDES. 1. STRUCTURE, STABILITY, REACTIVITY, *Arkivoc*, (i), 7-19, **2005**.

0.694/6=0.1157

45) M. Caprosu, Ghe. Zbancioc, **C. Moldoveanu** and I. Mangalagiu, 1-3 DIPOLAR CYCLOADDITION REACTIONS OF 4-HALOPHENYL-PHTALAZINIUM YLIDES TO ACTIVATED ALKENES AND ALKYNES, *Collect. Czech. Chem. Commun.*, **69 (2)**, 426-434, **2004**.

1.062/4=0.2655

46) **C. Moldoveanu**, G. Mangalagiu, G. Drochioiu, M. Caprosu, M. Petrovanu and I. Mangalagiu, NEW POTENTIAL ANTI-TUBERCULOSIS COMPOUNDS DERIVED FROM DIAZINE, *Anall. Sci. Univ. Iassi* **11 (1)**, 133-138, **2003**.

47) G. Mangalagiu, **C. Moldoveanu**, R. Iruc, M. Caprosu, M. Petrovanu and I. Mangalagiu, 4-METHYLPYRIMIDINIUM YLIDES : A UV-VIS STUDY, *Anall. Sci. Univ. Iassi* **10 (2)**, 267-270, **2002**.

48) Zbancioc, Ghe.; Mangalagiu, G. ; Dima, St. ; **Moldoveanu, C.** ; Petrovanu, M. ; Mangalagiu, I. , MICROWAVE IRRADIATION IN SYNTHESIS OF AZINIUM SALTS, *Anall. Sci. Univ. Iassi* **10 (1)**, 146-149, **2002**.

49) I. Mangalagiu, G. Mangalagiu, St. Dima, **C. Moldoveanu**, Gh. Zbancioc and M. Petrovanu., STUDY OF THE BASICITY OF SOME 4-METHYL-PYRIMIDINIUM YLIDES *Anall. Sci. Univ. "Al. I. Cuza" Iassi*, **9(s1c)**, 115-118, **2001**;

CONFERENCES

1. Mangalagiu, I.I.; Amariuca-Mantu, D.; Mangalagiu, V.; Danac, R.; **Moldoveanu, C.**; Zbancioc, Ghe. Azine, Diazine and Diazoles: Chemistry and Applications, 4th European Organic Chemistry Congress, 1-3 March **2018**, London, United Kingdom (oral presentation).
2. Dana Bejan, Gheorghita Zbancioc, Dorina Amariuca-Mantu, Madalina Culicã, Ionel Mangalagiu, **Costel Moldoveanu**: Anion metathesis used to obtain new ionic liquids with imidazole skeleton, Chemistry Conference IasiChem 2017, 26 – 28 October **2017**, Iasi, Romania (Poster presentation P16).
3. Gheorghita Zbancioc, **Costel Moldoveanu**, Dorina Amariuca-Mantu, Ionel Mangalagiu: Synthesis benzofuran derivatives with anticipated anticancer activity, 4^{eme} Colloque Franco-Romain de Chimie Medicinale, 5 – 7 Octobre **2017**, Iasi, Romania (Poster presentation P7).
4. Dorina Amariuca-Mantu, Dumitrela Cucu, Bogdan Bratanovici, **Costel Moldoveanu**, Gheorghita Zbancioc, Ionel Mangalagiu: New imidazole/benzimidazole derivatives and their biological interest, 4^{eme} Colloque Franco-Romain de Chimie Medicinale, 5 – 7 Octobre **2017**, Iasi, Romania (Poster presentation P9).
5. Ana Maria Zbancioc, **Costel Moldoveanu**, Violeta Vasilache, Dorina Amariuca-Mantu, Ionel Mangalagiu, Gheorghita Zbancioc: Cytotoxic activity of some dihydroxyacetophenone derivatives, 4^{eme} Colloque Franco-Romain de Chimie Medicinale, 5 – 7 Octobre **2017**, Iasi, Romania (Poster presentation P20).
6. **C. Moldoveanu**, Dana Bejan, Gheorghita Zbancioc, Dorina Amariuca-Mantu, Ionel Mangalagiu: New imidazole derivatives possible ionic liquids, 20th Romanian International Conference on Chemistry and Chemical Engineering 6 – 9 September **2017**, Poiana Brasov, Romania (Poster presentation S1-023).
7. Gheorghita Zbancioc, **Costel Moldoveanu**, Dorina Amariuca-Mantu, Vasilichia Antoci, Ionel Mangalagiu: Microwave assisted synthesis of some benzofuran derivatives with fluorescent properties, 20th Romanian International Conference on Chemistry and Chemical Engineering 6 – 9 September **2017**, Poiana Brasov, Romania (Poster presentation S1-068).
8. Dorina Amariuca-Mantu, Vasilichia Antoci, Maria-Mirabela Grigore, Cãtãlina Ionica Ciobanu, **Costel Moldoveanu**, Ionel Mangalagiu: NMR complexation studies of some quinoline derivatives, 20th Romanian International Conference on Chemistry and Chemical Engineering 6 – 9 September **2017**, Poiana Brasov, Romania (Poster presentation S1-096).
9. Amariuca-Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Bratanovici, B.; Mangalagiu, I.: New bis-pyridine-imidazole/benzimidazole derivatives: synthesis and their biological properties, XXXIV-th Romanian Chemistry Conference 4-7 October **2016**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 5).
10. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci. D. Mantu, I. Mangalagiu: Microwave assisted synthesis of some benzofuran derivatives with fluorescent properties, XXXIV-th Romanian Chemistry Conference 4-7 October **2016**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 10).
11. **C. Moldoveanu**, Ghe. Zbancioc, D. Amariuca-Mantu, V. Antoci. D. Maftai, I. Mangalagiu, New mechanistic insights on the cycloaddition of the benzimidazolium ylides, XXXIV-th Romanian Chemistry Conference 4-7 October **2016**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 28).
12. Zbancioc, G.; Maftai, D.; **Moldoveanu, C.**; Antoci, V.; Amariuca-Mantu, D.; Mangalagiu, I.: Synthesis of some benzofuran derivatives with fluorescent properties, Zilele Universitatii “Al. I. Cuza-Iasi”, 27-29 Octombrie **2016**, (Poster 41).
13. Bratanovici, B.; Amariuca-Mantu, D.; Antoci, V.; Ciobanu, C.; **Moldoveanu, C.**; Mangalagiu, I.: New bis-pyridine-imidazolium/benzimidazolium salts with acetophenone skeleton: synthesis and NMR characterization, Zilele Universitatii “Al. I. Cuza-Iasi”, 27-29 Octombrie **2016**, (Poster 17).
14. Lungu, L.; Smigon, C.; Aricu, A.; Ciocarlan, A; Barba, A.; **Moldoveanu, C.**: Synthesis of new tetranorlabdane compounds with oxadiazole units, Zilele Universitatii “Al. I. Cuza-Iasi”, 27-29 Octombrie **2016**, (Poster 40).
15. Zbancioc, A.M.; Tataranga, G.; Jitareanu, A.; **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu, I.: Cytotoxic activity of some dihydroxyacetophenone derivatives, Zilele Universitatii “Al. I. Cuza-Iasi”, 29-31 Octombrie **2015**, (Poster 38).
16. Antoci, V.; Mantu, D.; Zbancioc, Ghe.; **Modoveanu, C.**; Mangalagiu, I.I.: Complexation of anthracene-imidazolium salt with different acetate ions: UV-Vis and fluorescence studies, Zilele Universitatii “Al. I. Cuza-Iasi”, 29-31 Octombrie **2015**, (Poster 24).
17. Mantu, D.; Antoci, V.; Ciobanu C.-I.; **Modoveanu, C.**; Zbancioc, Ghe.; Mangalagiu, I.I.: Characterization of amide bond conformers of some 3(2H)-pyridazinone N-acylhydrazone derivatives, The International Conference

- on Science, Ecology and Technology (ICONSETE 2015-Vienna), August 25-29, **2015**, Viena, Austria. (Poster pag 256-257)
18. Zbancioc, A.M.; **Moldoveanu, C.**; Apostu, M.O.; Zbancioc, Ghe.; Tataranga, G.; Mangalagiu, I.: X-Ray structure elucidation of acetophenone derivatives, 15th International Balkan Workshop on Applied Physics“, July 2-4, **2015**, (Poster S5 P16 – pag 165).
 19. **Moldoveanu, C.**; Apostu, M.; Zbancioc, G.; Mantu, D.; Antoci, V.; Mangalagiu, I.I.: X-Ray structure elucidation of new benzimidazolium hexafluorophosphates, 15th International Balkan Workshop on Applied Physics“, July 2-4, **2015**, (Poster S5 P15 – pag 164)
 20. Bratanovici, B.; Antoci, V.; Mantu, D.; Ciobanu, C.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu, I.I.: Synthesis and NMR characterization of new bis-pyridine-imidazolium salt, Sesiunea de comunicari stiintifice a studentilor, masteranzilor si doctoranzilor „CHIMIA - FRONTIERĂ DESCHISĂ SPRE CUNOAȘTERE”, EDIȚIA a VI-a, 26 iunie **2015**, Iasi Romania (Poster).
 21. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci. D. Maftai, I. Mangalagiu, New mechanistic insights on the cycloaddition of the benzimidazolium ylides with alkynes, Zilele Universitatii “Al. I. Cuza-Iasi“, 31 Octombrie - 1 Noiembrie **2014**, (Poster 18).
 22. **C. Moldoveanu**, Profesor Lucia Odochian – Contributii aduse la dezvoltarea tehnicii de analiza termica cuplata cu spectrometria de infrarosu in vederea studiului compusilor micro si macromoleculari, Zilele Universitatii “Al. I. Cuza-Iasi“, 31 Octombrie - 1 Noiembrie **2014**, (Oral Presentation CO 1).
 23. A.M.. Zbancioc, G. Tataranga, **C. Moldoveanu**, Ghe. Zbancioc, I. Mangalagiu Microwave assisted synthesis of benzofuran derivatives, Zilele Universitatii “Al. I. Cuza-Iasi“, 31 Octombrie - 1 Noiembrie **2014**, (Poster 19).
 24. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu, Synthesis and characterization of new anthracene-based imidazolium salts, Zilele Universitatii “Al. I. Cuza-Iasi“, 31 Octombrie - 1 Noiembrie **2014**, (Poster 41).
 25. D. Mantu, V. Antoci, M.O. Apostu, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: X-Ray evidence of cyclic and acyclic phtalazinic derivatives with vinyl chain, Zilele Universitatii “Al. I. Cuza-Iasi“, 31 Octombrie - 1 Noiembrie **2014**, (Poster 40).
 26. V. Antoci, D. Mantu, A. Nicolescu, Ghe. Zbancioc, **C. Moldoveanu**, I. I. Mangalagiu: New imidazolium salts: NMR study of their complexation with zinc acetate, 16th Central European NMR Symposium and 16th Central European Bruker NMR User Meeting, October 16th - 17th, **2014**, Zagreb, Croatia (Poster Presentation P-1).
 27. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci. D. Maftai, I. Mangalagiu The cycloaddition of the benzimidazolium ylides with alkynes: mechanism elucidation XXXIII-rd Romanian Chemistry Conferance 1-3 october **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 28).
 28. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci. D. Mantu, I. Mangalagiu IMIDAZOLIUM AND BENZIMIDAZOLIUM SALTS THROUGH ULTRASOUND ASSISTED SYNTHESIS XXXIII-rd Romanian Chemistry Conferance 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 18).
 29. L. Lungu, A. Ciocarlan, A. Aricu, A. Barba, E. Gorincioi, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu, N. Vornicu, Synthesis of new biological active pentanorlabdane-azaheterocyclic compounds, XXXIII-rd Romanian Chemistry Conferance 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 26).
 30. V. Antoci, D. Mantu, D. Maftai, A. Nicolescu, Ghe. Zbancioc, **C. Moldoveanu**, I. I. Mangalagiu: UV-VIS, fluorescence and NMR studies on zinc acetate complexation of novel anthracene-imidazolium salt, XXXIII-rd Romanian Chemistry Conferance 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 17).
 31. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: Synthesis and characterization of some substituted 3(2H)-pyridazinone acetohydrazide derivatives, XXXIII-rd Romanian Chemistry Conferance 1-3 of October **2014**, Calimanești-Caciulata, Valcea, Romania (Poster presentation P.S.I. 11).
 32. A.M.. Zbancioc, G. Tataranga, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. Mangalagiu: Synthesis and structural analysis of blue fluorescent benzofuran derivatives, VIIIth Symposium on: Nuclear Magnetic resonance in Chemistry, Physics and biological Sciences, September 24th - 26th, **2014**, Warsaw, Poland (Poster Presentation P-37).
 33. D. Mantu, V. Antoci, A. Nicolescu, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: NMR evidence of some 3(2H)-pyridazinone acetohydrazide conformers, VIIIth Symposium on: Nuclear Magnetic resonance in Chemistry, Physics and biological Sciences, September 24th - 26th, **2014**, Warsaw, Poland (Poster Presentation P-17).
 34. V. Antoci, D. Mantu, A. Nicolescu, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: NMR studies of unexpected pyrrolo-phtalazinic compounds with vinyl chain, VIIIth Symposium on: Nuclear Magnetic resonance in Chemistry, Physics and biological Sciences, September 24th - 26th, **2014**, Warsaw, Poland (Poster Presentation P-1).

35. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: Synthesis and structure of some new pyridazin-3(2H)-ones using their N2-unsubstituted analogues and hydrazine hydrate, Huitieme Colloque Franco-Roumain de Chimie Apliquee 15-18 Septembre **2014**, Montpellier, France, (Poster presentation A. 17).
36. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci. I. Mangalagiu X-RAY STRUCTURE ELUCIDATION OF New Pyrrolo DERIVATIVES 14th International Balkan Workshop on Applied Physics 2-4 of July **2014**, Constanta, Romania (Poster presentation S4 P12).
37. Ghe. Zbancioc, **C. Moldoveanu**, A.M., Zbancioc, G. Tataranga. I. Mangalagiu NEW PYRROLOQUINOXALINE COMPOUNDS: SYNTHESIS AND SPECTRAL ANALYSES 14th International Balkan Workshop on Applied Physics 2-4 of July **2014**, Constanta, Romania (Poster presentation S4 P13).
38. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, V. Antoci. I. Mangalagiu Imidazolium salts as ionic liquids via ultrasound assisted synthesis The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova May 28-30 **2014**, Chisinau, Moldova (Poster presentation P 154).
39. Ghe. Zbancioc, **C. Moldoveanu**, D. Maftai, D. Mantu, V. Antoci. I. Mangalagiu XRD structure elucidation of new fluorescent pyrrolo-imidazole derivatives The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova May 28-30 **2014**, Chisinau, Moldova (Poster presentation P 167).
40. A. Ciocarlan, A. Aricu, L. Lungu, A. Barba, E. Gorincioi, R. Popescu, O. Dinca, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu Synthesis of hybrid terpeno-azaheterocyclic compounds, The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova May 28-30 **2014**, Chisinau, Moldova (Poster presentation P 167).
41. L. Odochian, **C. Moldoveanu**, D. Maftai: CONTRIBUȚII LA ELUCIDAREA MECANISMULUI DE DEGRADARE TERMICA IN ATMOSFERA DE AZOT A PTFE PRIN ANALIZA TG-FTIR. INFLUENTA DIMENSIUNII PARTICULEI Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P33**).
42. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, P. M. Stiuleac, I. O. Silea, I. Mangalagiu SINTEZA DE NOI LICHIDE IONICE CU SCHELET IMIDAZOLIC Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P4**).
43. I.M. Risca, **C. Moldoveanu**, L. Fartais, V. Vasilache, EFFECT OF SOME NEW IMIDAZOLE DERIVATIVES ON PEROXIDASE ACTIVITY OF WHEAT SEEDS (TRITICUM AESTIVUM) DURING GERMINATION Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P27**).
44. Ghe. Zbancioc, **C. Moldoveanu**, D. Maftai, V. Antoci, I. Mangalagiu: SINTEZA ȘI ELUCIDAREA STRUCTURII UNOR NOI DERIVATI DE PIRROLO-IMIDAZOL FLUORESCENTI Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P3**).
45. D. Mantu, V. Antoci, **C. Moldoveanu**, Ghe. Zbancioc, I. I. Mangalagiu: SYNTHESIS OF NEW IMIDAZOLE/BENZIMIDAZOLE SALTS, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P2**).
46. V. Antoci, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, A. Nicolescu, I. I. Mangalagiu: NEW BIS-IMIDAZOLIUM SALTS: SYNTHESIS AND NMR CHARACTERIZATION, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**P6**).
47. I. Voda, C. Turta, Ghe. Zbancioc, **C. Moldoveanu**, M. Apostu, I. Mangalagiu: SYNTHESIS, SPECTRAL CHARACTERIZATION AND X-RAY STRUCTURE OF A NEW COORDINATION COMPOUND OF COBALT (II) AND N,N'-(BUTANE-1,4-DIYL)BIS(2-(1H-BENZIMIDAZOL-1-YL)ACETAMIDE, Zilele Universitatii "Al. I. Cuza-Iasi", 31 Octombrie - 1 Noiembrie **2013**, (**SC6**).
48. I. Voda, C. Turta, R. W. Harrington, A. Benniston, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: SYNTHESIS, SPECTRAL INVESTIGATION AND X-RAY STRUCTURE ELUCIDATION OF NEW PRECURSORS FOR N,O-CORONAND LIGANDS, Zilele Academiei Iesene - A XXIV-a Sesiune de Comunicari Stiintifice a Institutului de Chimie Macromoleculara „P. Poni”, Iasi, 3 - 5 Octombrie **2013**, (Poster **P47**).
49. Mantu, D.; **Moldoveanu, C.**; Zbancioc, G.; Antoci, V.; Stoian, I.; Mangalagiu, I.: „SYNTHESIS OF NEW IONIC LIQUIDS IMIDAZOLE BASED” XIV European Symposium on Organic Reactivity ESOR 2013, 1-6 September 2013, Prague, Czech Republic. (poster 69)
50. Zbancioc, G.; Maftai D.; **Moldoveanu, C.**; Zbancioc, A.M.; Tataranga, G.; Mangalagiu, I.: „SYNTHESIS AND XRD STRUCTURE ELUCIDATION OF NEW FLUORESCENT PYRROLO-IMIDAZOLE” XIV European Symposium on Organic Reactivity ESOR 2013, 1-6 September 2013, Prague, Czech Republic. (poster 137)
51. Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Nicolaescu, A.; Deleanu, C.; Sova, S.; Mangalagiu, I.: „SYNTHESIS AND STRUCTURE OF UNEXPECTED FUSED NITROGEN HETEROCYCLES USING SOME PYRIDAZIN-3-(2H)-ONE DERIVATIVES” STREAM Symposium for young researchers on Strengthening the Romanian research capacity in Multifunctional Polymeric Materials (STREAM) Summer School 2013, 8-13 July 2013, Iasi, Romania. (oral presentation)

52. Antoci, V.; Mantu, D.; Zbancioc, G.; **Moldoveanu, C.**; Nicolaescu, A.; Mangalagiu, I.: „NMR STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH PHENYL ACETATE CHAIN” STREAM Symposium for young researchers on Strengthening the Romanian research capacity in Multifunctional Polymeric Materials (STREAM) Summer School 2013, 8-13 July 2013, Iasi, Romania. (oral presentation)
53. Mantu, D.; Antoci, V.; **Moldoveanu, C.**; Sova, S.; Mangalagiu, I.I.: NMR AND X-RAY COMPLETE CHARACTERIZATION OF SOME UNEXPECTED FUSED AZAHETEROCYCLES, *E U R O I N V E N T*, *European Exhibition of Creativity and Innovation*, Iasi, Romania, 9-11 May 2013, poster 20.1., pag.152, (Book of abstract), ISBN: 978- 973-703-891-3, (diploma de excelenta).
54. L. Odochian, **C. Moldoveanu**, D. Maftai: CONTRIBUTION TO THE THERMAL DEGRADATION MECHANISM UNDER NITROGEN AND AIR ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE PARTICLE SIZE Al 22-lea Simpozion anual de Comunicari Stiintifice Academia Romana, Bucuresti, 15 februarie 2013, (Communication 11).
55. V. Antoci, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: UV-VIS STUDIES OF NEW ISOINDOLO-1,2-DIAZINE COMPOUNDS WITH ACETOPHENONIC CHAIN The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie 2012, (Poster P6).
56. **C. Moldoveanu**, Ghe. Zbancioc, D. Mantu, I. Mangalagiu: NMR STUDY ON STRUCTURE ELUCIDATION OF NEW IMIDAZOLE LIGANDS The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie 2012, (Poster P62).
57. I. Voda, **C. Moldoveanu**, Ghe. Zbancioc, C. Turta, I. Mangalagiu: SYNTHESIS AND NMR INVESTIGATION OF A NEW COMPOUND RESULTING FROM A QUATERNIZATION USING IODACETAMIDE AND AN ALIPHATIC AMIDE DERIVATIVE CONTAINING IMIDAZOLE The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie 2012, (Poster P94).
58. Ghe. Zbancioc, **C. Moldoveanu**, V. Antoci, I. Mangalagiu: NMR STUDY OF NEW OXA-CORONANDS WITH MULTIPLE BINDING SITES The XVII-th International Conference „Physical Methods in Coordination and Supramolecular Chemistry” (PPMCSC-XVII), Chisinau, 24 - 26 Octombrie 2012, (Poster P99).
59. D. Mantu, V. Antoci, **C. Moldoveanu**, S. Sova, A. Nicolescu, I. Mangalagiu: X-RAY STUDIES OF SOME UNEXPECTED FUSED AZAHETEROCYCLES Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie 2012, (Poster P19).
60. I. Stoian, P. M. Stiuleac, I. O. Silea, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: ULTRASOUND ASSISTED SYNTHESIS OF NEW IMIDAZOLIUM SALTS Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie 2012, (Poster P29).
61. Ghe. Zbancioc, **C. Moldoveanu**, D. Mantu, V. Antoci, I. Mangalagiu: SYNTHESIS OF NEW CORONANDS AND SPIRO-DERIVATIVES USING ULTRASONIC IRRADIATION Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie 2012, (Poster P29).
62. L. Odochian, **C. Moldoveanu**, A. Mocanu, D. Maftai: CONTRIBUTION TO THE THERMAL DEGRADATION MECHANISM UNDER NITROGEN ATMOSPHERE OF PTFE BY TG-FTIR ANALYSIS. INFLUENCE OF THE PARTICLE SIZE Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie 2012, (Poster P31).
63. L. Odochian, **C. Moldoveanu**, I. Lorela, A. Baiceanu, P. Angela, C. Paius: ASPECTS OF THERMAL BEHAVIOUR IN AIR OF CASEIN INVESTIGATED BY FTIR AND CALORIMETRY Zilele Universitatii “Al. I. Cuza-Iasi”, 25 - 26 Octombrie 2012, (Poster P14).
64. **Moldoveanu, C.**; Zbancioc, Ghe.; Maftai, D.; Stoian, I.; Mangalagiu I.: „SYNTHESIS OF NEW IMIDAZOLE DERIVATIVES POSSIBLE IONIC LIQUIDS USING ULTRASOUND IRRADIATION”; XXXII-st Romanian Chemistry Conference 3-5 october 2012, Călimănești-Căciulata, Valcea, Romania (Poster presentation P.S.I. 16).
65. Zbancioc, Ghe.; **Moldoveanu, C.**; Antoci, V.; Mantu, D.; Mangalagiu I.: „SYNTHESIS OF NEW HIGHLY FUNCTIONALIZED CORONANDS OR SPIRO-DERIVATIVES USING ULTRASONIC IRRADIATION”; XXXII-st Romanian Chemistry Conference 3-5 october 2012, Călimănești-Căciulata, Valcea, Romania (Poster presentation P.S.I. 24).
66. **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 Interacademia 27-30 August 2012, Budapest Hungary. (oral presentation)
67. 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 Interacademia 27-30 August 2012, Budapest Hungary. (poster)

68. Zbancioc, G.; **Moldoveanu, C.**; Stuleac P. M.; Silea I. O.; Mangalagiu, I.: „SYNTHÈSE DE NOUVEAUX PYRROLO-IMIDAZOLE DERIVES AVEC DES PROPRIETES DE FLUORESCENCE”; Septieme Colloque Franco-Roumain de Chimie Apliquee 27-29 juin **2012**, Bacău, Roumanie (Poster 25, pp 70).
69. **Moldoveanu, C.**; Zbancioc, G.; Stoian I.; Mangalagiu, I.: „SYNTHÈSE ASSISTEE PAR ULTRASONS DE NOUVEAUX LIQUIDES IONIQUES DERIVES DE L'IMIDAZOLE”; Septieme Colloque Franco-Roumain de Chimie Apliquee 27-29 juin **2012**, Bacău, Roumanie (Poster 13, pp 47).
70. Vasilichia Bejan (Antoci), Dorina Mantu, Sergiu Sova, Gheorghita Zbancioc, **Costel Moldoveanu**, Ionel I. Mangalagiu, X-RAY DIFFRACTION STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH VINYL CHAIN, The 14th JCF-Frühjahrssymposium 2012, 18-21 March **2012**, Rostock – Germany (poster 10).
71. L. Odochian, **C. Moldoveanu**, A. M. Mocanu, C. M. Paius, N. Apostolescu: TG-FTIR STUDY ON THERMAL DEGRADATION OF CASEIN IN NITROGEN AND AIR ATMOSPHERE Al 21-lea Simpozion anual de Comunicari Stiintifice Academia Romana, Bucuresti, 17 februarie **2012**, (Communication 16).
72. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: UV-VIS STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH VINYL CHAIN, 10th International Conference on Global Research and Education, Sucevita 26 - 29 September **2011**, (Poster **IA Y 25**).
73. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: NEW AZAHETEROCYCLIC COMPOUNDS WITH VINYL CHAIN: ECO-FRIENDLY SYNTHESIS, 17th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia 7 - 10 September **2011**, (Poster **S1 – A.P12**).
74. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: NEW PYRROLO-DIAZINIC COMPOUNDS WITH VINYL CHAIN: SYNTHESIS AND SPECTRAL ANALYSES, 12th International Balkan WORKSHOP on Applied Physics, Constanta 6 - 8 July **2011**, (Poster **S5 P32**).
75. Ghe. Zbancioc, **C. Moldoveanu**, V. Bejan, I. Mangalagiu: MICROWAVE ASSISTED SYNTHESIS OF BLUE LUMINOPHORS European Exhibition of Creativity and Innovation EURO INVENT, Iasi 12 - 14 May **2011**, (Innovative Researches **R.25**). **Silver Medal**.
76. **C. Moldoveanu**, D. Astefanei, D. Maftai, Ghe. Zbancioc, I. Stoian, I. Mangalagiu: NEW IMIDAZOLE BASED IONIC LIQUIDS European Exhibition of Creativity and Innovation EURO INVENT, Iasi 12 - 14 May **2011**, (Innovative Researches **R.29**). **Diploma of Excellence**.
77. V. Bejan, D. Mantu, Ghe. Zbancioc, **C. Moldoveanu**, I. Mangalagiu: FLUORESCENT STUDIES OF PYRROLO-AZAHETEROCYCLIC COMPOUNDS PRECURSORS FOR SYNTHESIS OF NEW POLYMERIC MATERIALS International Conference on Material Science and Engineering BraMat, Brasov 24 - 26 February **2011**, (Poster **II.P.47**).
78. L. Odochian, **C. Moldoveanu**, A. M. Mocanu, N. Apostolescu: TG-FTIR METHOD APPLIED TO THE STUDY OF THE THERMAL DEGRADATION MECHANISM OF ADDITIVE-CONTAINING PTFE IN AIR AND UNDER NITROGEN ATMOSPHERE Al 20-lea Simpozion anual de Comunicari Stiintifice Academia Romana, 11 februarie **2011**, (Communication 20).
79. L. Odochian, A. M. Mocanu, **C. Moldoveanu**, N. Apostolescu, M. Romila: CONTRIBUȚII LA MECANISMUL DEGRADĂRII TERMICE ÎN AER ȘI AZOT A PTFE ADITIVATĂ PRIN TG-FTIR Zilele Universitatii “Al. I. Cuza-Iasi”, 12 - 13 noiembrie **2010**, (Poster **P4**).
80. D. Mantu, V. Bejan, **C. Moldoveanu**, Ghe. Zbancioc, I. Mangalagiu: NEW PYRIDAZINE DERIVATIVES AND THEIR ANTITUBERCULOSIS ACTIVITY Zilele Universitatii “Al. I. Cuza-Iasi”, 12 - 13 noiembrie **2010**, (Poster **P51**).
81. Bejan, V.; Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: UV-VIS STUDIES OF NEW PYRROLO-DIAZINIC COMPOUNDS WITH FLUORESCENT PROPERTIES 2-nd National Conference with International Participation Nanostructured Multifunctional Materials, Universitatea “Al. I. Cuza-Iasi”, 4 - 5 noiembrie **2010**, (Poster **8-P-4**).
82. Gheorghita, C.A.; Supuran, C.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: FLUORESCENT COMPOUNDS WITH DIAZINIC SKELETON 2-nd National Conference with International Participation Nanostructured Multifunctional Materials, Universitatea “Al. I. Cuza-Iasi”, 4 - 5 noiembrie **2010**, (Poster **8-P-8**).
83. Gheorghita, C.A.; Supuran, C.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: „HYBRID SULFONAMIDES WITH DIAZINIUM SKELETON”; 1-ere Colloque Franco-Roumain de Chemie Medicinale 7-8 october **2010**, Universite Al. I. Cuza Iasi, Roumanie (poster P. 14).
84. Mantu, D.; Bejan, V.; **Moldoveanu, C.**; Zbancioc, Ghe.; Mangalagiu I.: „NOUVELLES PYRIDAZINONES N-SUBSTITUEES ET LEUR ACTIVITE ANTITUBERCULEUSE”; 1-ere Colloque Franco-Roumain de Chemie Medicinale 7-8 october **2010**, Universite Al. I. Cuza Iasi, Roumanie (poster P. 47).
85. Bejan, V.; Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: „ETUDES BIOLOGIQUES (PROPRIETES ANTI-CANCEREUSES) DE NOUVEAUX COMPOSES PYRROLO-AZAHETEROCYCLIQUES”; 1-ere Colloque Franco-Roumain de Chemie Medicinale 7-8 october **2010**, Universite Al. I. Cuza Iasi, Roumanie (poster P. 4).
86. **Moldoveanu, C.**; Astefanei, D.; Risca, M.; Zbancioc, Ghe.; Mangalagiu I.: „IMIDAZOLE DERIVATIVES WITH POTENTIAL PRACTICAL APPLICATIONS”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (oral presentation C.S.I. 10).

87. Zbancioc, Ghe.; Bejan, V.; **Moldoveanu, C.**; Mangalagiu I.: „SYNTHESIS OF FLUORESCENT PYRROLO-DIAZINE DERIVATIVES”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (oral presentation C.S.I. 14).
88. Bejan, V.; Mantu, D.; Zbancioc, Ghe.; **Moldoveanu, C.**; Mangalagiu I.: „SYNTHESIS OF QUATERNARY SALTS, PRECURSORS OF SOME PYRROLO-AZAHETEROCYCLIC COMPOUNDS (CLASSICAL VERSUS ULTRASOUNDS)”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (poster P.S.I. 4).
89. Mantu, D.; Bejan, V.; **Moldoveanu, C.**; Mangalagiu I.: „NEW PYRIDAZINE DERIVATIVES AND THEIR ANTITUBERCULOSIS ACTIVITY”; XXXI-st Romanian Chemistry Conference 6-8 october **2010**, Ramnicu-Valcea, Romania (poster P.S.I. 15).
90. L. Odochian, A. M. Mocanu, N. Apostolescu, **C. Moldoveanu**: COMPARATIVE STUDY ON THERMAL DEGRADATION OF NEW DIAZOAMINODERIVATIVES UNDER AIR AND NITROGEN ATMOSPHERE BY TG-FTIR ANALYSIS Al 19-lea Simpozion anual de Comunicari Stiintifice Academia Romana, 12 februarie **2010** (Communication).
91. A. M. Mocanu, L. Odochian, **C. Moldoveanu**, N. Apostolescu: ANALIZA TG-FTIR ÎN AER A UNOR NOI DIAZOAMINODERIVATI (II), Zilele Universitatii “Al. I. Cuza-Iasi”, 30 - 31 octombrie **2009**, (Poster P72).
92. A. M. Mocanu, L. Odochian, N. Apostolescu, G. Carja, **C. Moldoveanu**: STUDY ON THERMAL BEHAVIOUR OF SOME NEW DIAZOAMINODERIVATIVES IN AIR AND BY EVOLVED GAS ANALYSIS (TG-FTIR) Al 18-lea Simpozion anual de Comunicari Stiintifice Academia Romana, 12 februarie **2009** (Communication 8).
93. **Moldoveanu C.**, Zbancioc A.M., Florea O., Mangalagiu, I. SYNTHESIS OF MACROCYCLIC PRECURSORS BY CONVENTIONAL AND NONCONVENTIONAL METHODS, The 2nd European Chemistry Congress, 16-20 Seepther **2008**, Torino – Italy (poster I-III-P-018).
94. Zbancioc, G.; **Moldoveanu, C.**; Mangalagiu, I.: „SYNTHESE DE NOUVELLES PYRROLOPYRIDAZINES HAUTEMENT FLUORESCENTES”; Cinquieme Colloque Franco-Roumain de Chimie Apliquee 25-29 juin **2008**, Bacău, Roumanie (pp. 84).
95. **Moldoveanu, C.**; Mangalagiu, G.; Zbancioc, G.; Mangalagiu, I.: „ETUDE UV-VISIBLE SUR LA STABILITE DES YLURES DE 4-(4-CHLOROPHENYL)PYRIMIDINIUM”; Cinquieme Colloque Franco-Roumain de Chimie Apliquee 25-29 juin **2008**, Bacău, Roumanie (pp 64).
96. Odochian, L., **Moldoveanu, C.**, Mocanu, A., Cârjă, G.: „CORELAREA STRUCTURII UNOR NOI COMPLEXȘI HIDRAZINICI CU TERMOSTABILITATEA ȘI MECANISMUL LOR DE DEGRADARE TERMICĂ”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Scurta comunicare SC2).
97. **C. Moldoveanu**, M. Rîșca, G. Zbancioc, I Mangalagiu: „NOI DERIVAȚI DE IMIDAZOL: SINTEZA ȘI EFECTUL LOR ASUPRA GERMINAȚIEI ȘI CREȘTERII PLANTELOR”; Zilele Universitatii “Al. I. Cuza-Iasi”, Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P25).
98. G. Zbancioc, A.M. Zbancioc, **C. Moldoveanu**, I Mangalagiu: „SINTEZA ASISTATĂ DE MICROUNDĂ A UNOR INTERMEDIARI MACROCICLICI CU POTENȚIALĂ ACTIVITATE ANTICANCEROASĂ”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P26).
99. Mocanu, A., **Moldoveanu, C.**, Odochian, L.: „STUDIUL PRIN METODE TERMICE NEIZOTERME A UNOR NOI AZOMETINE”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P22).
100. Păiuș, M.C., **Moldoveanu, C.**, Odochian, L., Constantinescu, M., Șoldea, C.: „CINETICA REACȚIEI DE OBTINERE A INTERMEDIARULUI CHEE ÎN PREPARAREA MOSCULUI DE XILEN DIN AMESTEC DE XILEN”; Zilele Universitatii “Al. I. Cuza-Iasi”, 24 - 25 octombrie **2008**, (Poster P24).
101. **C. Moldoveanu**, M. Rîșca, G. Zbancioc, I Mangalagiu: „NOI DERIVAȚI DE IMIDAZOL: SINTEZA ȘI EFECTUL LOR ASUPRA GERMINAȚIEI ȘI CREȘTERII PLANTELOR”; XXX-th Romanian Chemistry Conference 8-10 october **2008**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 44).
102. G. Zbancioc, A.M. Zbancioc, **C. Moldoveanu**, I Mangalagiu: „SINTEZA UNOR PRECURSORI MACROCICLICI PRIN METODE NECONVENȚIONALE”; XXX-th Romanian Chemistry Conference 8-10 october **2008**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 72).
103. **Moldoveanu, C.**, Odochian, L., Mangalagiu, I., Dumitraș, M., Apostolescu, N.: „STUDIUL ILIDELOR CU CARBANION CICLIC DERIVATE DE LA 4-(4-CLOROFENIL)-PIRIMIDINĂ PRIN METODELE TERMICE TG-DTG-DTA”; Zilele Universitatii “Al. I. Cuza-Iasi”, 26 - 27 octombrie **2007**, (Prezentare orala PO4).
104. **Moldoveanu, C.**, Odochian, L., Mangalagiu, I., Dumitraș, M., Apostolescu, N.: „STUDIUL UNOR NOI ILIDE CICLICE ȘI A UNOR NOI SPIRANI PRIN METODE TERMICE”; Zilele Universitatii “Al. I. Cuza-Iasi”, 26 - 27 octombrie **2007**, (Poster P63).
105. Zbancioc, Ghe., **Moldoveanu, C.**, Caprosu, M., Mangalagiu, I. „SYNTHESIS OF HIGHLY FLUORESCENT MATERIALS THROUGH *ECO-FRIENDLY METHODS*” 1-st Conference Nanostructured Multifunctional Materials, 18-20 October **2007**, Sinaia, Romania (poster P-7-05).
106. **Moldoveanu, C.**, Mangalagiu, G., Maftei, D., Mangalagiu, I. „NEW PYRROLOPYRIMIDINE DERIVATIVES UNDER ULTRASOUNDS IRRADIATION” 1-st Conference Nanostructured Multifunctional Materials, 18-20 October **2007**, Sinaia, Romania (poster P-2-02).

107. **Moldoveanu, C.**, Mangalagiu, G., Maftai, D., Petrovanu, M., Mangalagiu, I. „REACTIA 4-(4-CLOROFENIL)PIRIMIDINU ILIDELOR CU METIL PROPIOLAT: UN STUDIU TEORETIC SI EXPERIMENTAL” A XXI-a Sesiune de comunicari stiintifice a I.C.M. „Petru Poni” Iasi, 26-29 septembrie **2007**, Iasi, Romania (poster P.I.2).
108. Mangalagiu, I.I.; Zbancioc, Ghe.; **Moldoveanu, C.**; Caprosu, M.: SYNTHESIS OF HIGHLY FLUORESCENT MATERIALS THROUGH ECO-FRIENDLY METHODS, 41st IUPAC World Chemistry Congress, August 5-11, **2007**, Torino, Italia, SO8P30, pag. 204, Poster.
109. G. Zbancioc, **C. Moldoveanu**, A. M. Balan, M. Livadariu, O. Florea, I. I. Mangalagiu, Precursors of Coronands with Hydroxyacetophenone Skeleton: Synthesis, Structure and Properties, International Symposium on Organic Chemistry, December 9-12, **2006**, Sofia, Bulgaria (poster P2-18).
110. A. M. Balan, **C. Moldoveanu**, G. Zbancioc, O. Florea, I. I. Mangalagiu, Precursors of Coronands with Aliphatic Arms: Synthesis, Structure and Properties, International Symposium on Organic Chemistry, December 9-12, **2006**, Sofia, Bulgaria (poster P2-11).
111. **C. Moldoveanu**, G. Zbancioc, Geanina Mangalagiu, I Mangalagiu: „ILIDE CU CARBANION CICLIC DERIVATE DE LA 4-R-PIRIMIDINA”; Zilele Universitatii “Al. I. Cuza-Iasi”, 27 - 28 octombrie **2006**, (Prezentare orală PO3).
112. G. Zbancioc, **C. Moldoveanu**, Maria Caprosu, I Mangalagiu: „UTILIZAREA MICROUNDOR IN SINTEZA UNOR DERIVATI PIROLOPIRIDAZINICI PUTERNIC FLUORESCENTI”; Zilele Universitatii “Al. I. Cuza-Iasi”, 27 - 28 octombrie **2006**, (Prezentare orală PO2).
113. **C. Moldoveanu**, Geanina Mangalagiu, Magda Petrovanu, I Mangalagiu: „REACTIA 4-R-PIRIMIDINIU ILIDELOR CU ALCHINE ACTIVATE”; XXIX-th Romanian Chemistry Conference 4-6 october **2006**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 54).
114. **C. Moldoveanu**, M. Livadariu, A. Corbu, I. Mangalagiu, SYNTHESIS OF MACROCYCLIC PRECURSORS BY CONVENTIONAL AND NONCONVENTIONAL METHODS, The 1st European Chemistry Congress, 27-31 August **2006**, Budapest – Hungary (poster G-PO-57).
115. I. Mangalagiu, M. Florescu, Ghe. Zbancioc, **C. Moldoveanu**, M. Caprosu, SYNTHESIS OF NEW 1,2-DIAZINE NANOMATERIALS, International Conference on Nanoscience and Technology 2006, 30 July - 04 august **2006**, Berna – Elvetia (poster 1292).
116. **Costel Moldoveanu**, Gheorghita Zbancioc, Geanina Mangalagiu, Ionel I. Mangalagiu, THE ACTION OF CYCLIC UNSATURATED ANHYDRIDE TOWARD 4-R-PYRIMIDINES, The JCF-Frühjahrssymposium 2006, 16-18 March **2006**, Konstanz – Germany (poster P64).
117. Gheorghita Zbancioc, **Costel Moldoveanu**, Maria Caprosu, Ionel I. Mangalagiu, MICROWAVE-ASSISTED [3+2] DIPOLAR CYCLOADDITION REACTIONS OF PYRIDAZINIUM YLIDES LEADING TO HIGHLY FLUORESCENT PYROLOPYRIDAZINE DERIVATIVES, The JCF-Frühjahrssymposium **2006**, 16-18 March **2006**, Konstanz – Germany (poster P109).
118. **C. Moldoveanu**, Ghe. Zbancioc, Geanina Mangalagiu, Maria Caprosu and I Mangalagiu, „4-R-PYRIMIDINIUM YLIDES WITH CYCLIC CARBANION”, The XIV-th Romanian International Conference on Chemistry and Chemical Engineering, 22-24 September **2005**, Bucharest – ROMANIA (poster S07-P-06).
119. Ghe. Zbancioc, Maria Caprosu, **C. Moldoveanu**, Magda Petrovanu, I. Mangalagiu, “MICROWAVE ASSISTED 1,3-DIPOLAR CYCLOADDITION REACTIONS OF 1,2-DIAZINIUM YLIDES IN SOLID-PHASE”, The XIV-th Romanian International Conference on Chemistry and Chemical Engineering, 22-24 September **2005**, Bucharest – ROMANIA (poster S07-P-07).
120. **C. Moldoveanu**, G. Zbancioc, Geanina Mangalagiu, Maria Caprosu and I Mangalagiu: „THE CYCLOADDITION REACTION OF 4-METHYL- AND 4-(HALOPHENYL) PYRIMIDINIUM (4-HALOBENZOYL)METHYLIDES WITH METHYL PROP-2-YNOATE”; Zilele Universitatii “Al. I. Cuza-Iasi”, 28 - 29 octombrie **2005**, (Poster P27).
121. G. Zbancioc, M. Caprosu, **C. Moldoveanu**, M. Petrovanu and I. Mangalagiu: „MICROWAVE ASSISTED INACTIVATION REACTION OF PHTHALAZINIUM YLIDES”; Zilele Universitatii “Al. I. Cuza-Iasi”, 28 - 29 octombrie **2005**, (Poster P28).
122. Zbancioc, G.; Caprosu, M.; **Moldoveanu, C.**; Iruș, R. & Mangalagiu, I.: „Reaction de cycloaddition 1,3-dipolaires de 4-halophenyl-phtalazinium ylures sur des alcenes et alcyne actives”; Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie (poster A 42).
123. Drochioiu, G.; Ungureanu, M.; **Moldoveanu, C.**; Mangalagiu, I.; Murariu, M.; Drăgan, D. & Molnar, R.: „Reaction du dinitro-o-cresol dans l’environnement avec permanganate: determination et decontamination”; Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie (communication orale C 5)
124. **Moldoveanu, C.**, Zbancioc, G., Caprosu, M., Mangalagiu, G. & Mangalagiu, I. „Ylures de 4-(4-chlorophenyl)pyrimidinium. Structure, stabilitate, reactivitate” Troisieme Colloque Franco-Roumain de Chimie Apliquee 22-26 septembre **2004**, Slanic Moldova, Bacau Roumanie (poster F 16).
125. Zbancioc, G.; **Moldoveanu, C.**; Caprosu, M.; Petrovanu, M., and Mangalagiu, I.: „Microwave assisted reactions in the diazine heterocycles series”; XXVIII-th romanian chemistry conference 6-8 october **2004**, Calimanesti-Caciulata, Valcea, Romania (conference C.S.I. 5).

126. Mangalagiu, G.; **Moldoveanu, C.**; Zbancioc, G.; Petrovanu, M., and Mangalagiu, I.: „Pyrimidinium ylides. Structure, stability, properties”; XXVIII-th Romanian chemistry conference 6-8 October **2004**, Calimanesti-Caciulata, Valcea, Romania (poster P.S.I. 33).
127. Drochioiu, G.; Ungureanu, M.; **Moldoveanu, C.**; Mangalagiu, I.; Murariu, M.; Drăgan, D. & Molnar, R.: „La reaction du dinitro-o-cresol avec permanganate: determination et decontamination”; Zilele Universitatii “Al. I. Cuza-Iasi “, 29 - 30 octombrie **2004**, (Poster P70)
128. G. Zbancioc, M Caprosu, **C. Moldoveanu**, M. Petrovanu and I. Mangalagiu : „MICROWAVE ASSISTED 1,3 - DIPOLAR CYCLOADDITION REACTIONS OF 4-HALOBENZOYLPHthalAZINIUM YLIDES”; Zilele Universitatii “Al. I. Cuza-Iasi “, 29 - 30 octombrie **2004**, (Poster P92)
129. **C. Moldoveanu**, M. Harhota, G. Zbancioc, M. Caprosu, M. Petrovanu and I. Mangalagiu: „4-R-PYRYMIDINIUM YLIDES. STRUCTURE. STABILITY. PROPERTIES. BIOLOGICAL ACTIVITY”; Zilele Universitatii “Al. I. Cuza-Iasi “, 29 - 30 octombrie **2004**, (Poster P82).
130. Caprosu, M.; Zbancioc, Ghe. ; **Moldoveanu, C.**; Mangalagiu, I. si Petrovanu, M: “1,3 dipolar cycloaddition of 4-halophenylphtalazinium ylides with activated alkynes and alkenes ”; “Al. I. Cuza-Iasi “ University’s days, 31 October -1 November **2003**.
131. **Moldoveanu, C.**; Mangalagiu, G. si Mangalagiu, I.: “New pyrimidinium ylides. Synthesis and spectral characterization of 4-(4-chlorophenyl)-pyrimidinium salts. “; “Al. I. Cuza-Iasi “ University’s days, 31 October -1 November **2003**.
132. I. Mangalagiu, Maria C. Caprosu, Geanina C. Mangalagiu, Ghe. Zbancioc, **C. Moldoveanu** and Magda Ghe. Petrovanu: “Diazinium Methylides: Reaction with alkynes”, 3rd International Conference of the Chemical Societies of the South-Eastern European Countries, Bucuresti, Romania, September 22-25 **2002**. PO002 (in English). Poster.
133. Drochioiu, G.: Mangalagiu, G., **Moldoveanu, C.**; Petrovanu, M.; Mangalagiu, I.: “A XXVII-A SESIUNE NATIONALA DE CHIMIE”, P-48, pag. 73, “Reactii ale N-heterociclorilor sub actiunea microundelor”, Rimnicu-Vilcea, October **2002**, (in English). Poster.

RESEARCH'S GRANTS

- 3 grant as director (with Romanian Ministry of Education)
- 14 grants as asociate (with World Bank and Romanian Ministry of Education)

1. Grant bilateral Romania – Moldova, grant nr. 31BM/15.09.2016

Titlu Sinteza dirijată și studiul unor complecși chirali conținând liganzi terpeno-heterociclici, Finantator: Guvernul Moldovei și Guvernul României (ANCS, PN-II, Modul III)

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

Valoare 2016: 15.000 Lei

Valoare 2017: 15.000 Lei

2. With Romanian Ministry of Education and Research

Director: Lect. dr. Costel MOLDOVEANU

Type: **TE**; cod UEFISCDI **PN-II-RU-TE-2011-3-0010**

Value: 174416 €

Period: October 2011 – October 2014

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

3. With Romanian Ministry of Education and Research

Director: Asist. drd. Costel MOLDOVEANU

Type: **TD**; Nr. contract: **60GR/2006**; Tema: **7**; Cod CNCSIS: **432**

Value: 3500 €

Period: 2006

Title: Spiroheterocyclic nanostructures derived from 4-(4-chlorophenyl)-pyrimidine, with possible biological activities

4. With World Bank (70%) Romanian Government (30%)

Director: Prof. dr. Ionel MANGALAGIU

Value: 106000.00 \$ SUA

Period: 1999-2002

Title: Research in cycloimmonium-ylides field. The syntheses, the structure, the reactivity and practical application.

5. With Romanian Ministry of Education

Director: Prof. dr. Ionel MANGALAGIU

Type: CNCSIS grant type A

Value: **a)** year 2003: 1650 €

b) year 2004: 3300 €

c) year 2005: 5000 €

Title: The reactions under microwaves heating in heterocyclic systems.

6. With Romanian Ministry of Education and Research

Director: Prof. dr. Ionel MANGALAGIU

Type: **A**

Anul 1: 2006, cod 1155, tema 16. Valoare : 40.000,00 lei

Anul 2: 2007, cod 1155, tema 28 . Valoare : 35.000,00 lei

Anul 3: 2008, cod 1155, tema 19. Valoare : 20.000,00 lei

Titlul: *Utilizarea microundelor și ultrasunetelor ca metode neconventionale în chimia organică*

7. With Romanian Ministry of Education and Research

Director: Prof. dr. Ionel MANGALAGIU

Type: CEEEX

Value: 35000 €

Period: 2005-2008

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

8. With Romanian Ministry of Education and Research

Director: Prof. dr. Ionel MANGALAGIU

Type: CEEEX

Value: 43000 €

Period: 2005-2008

Title: The obtaining, and the physical-chemical and biochemical characterization of some glicozid-steroidic biopreparations with vegetal origins.

9. Grant FP7- People-2009-IRSES

Titlu: Photocatalytic Clusters Complexes for Artificial Photosynthesis Applications

Finantator: European Union- FP7 program IRSES

Directori: prof.dr. Ionel Mangalagiu, Romania/ prof. Dr. Andrew Benniston (coordinator), UK/ prof.dr. Constantin Turta, Moldova

Durata: 2010-2012, grant nr. 246902/2009

Valoare 2011: 41.280,00 Euro

10. Grant bilateral Romania – Moldova, grant nr. 418/02.06.2010

Titlu Biologically active compounds with terpenoid and azaheterocycle skeleton through conventional and nonconventional methods, Finantator: Guvernul Moldovei si Guvernul Rominiei (ANCS, PN-II, Modul III)

Directori: prof.dr. Ionel Mangalagiu, Romania/ CP I.dr. Aculina Aracu, Academy of Science of Rep. Moldova

Valoare 2010: 13.135 Lei

Valoare 2011: 13.135 Lei

11. Grant PN-II-Idei, Nr. Contract: 88/2008

Titlul: Chemosenzori cu schelet macrociclic, Finantator: MEC- CNCSIS

Functia in cadrul grantului: membru

Anul 2: 2010.Valoare : 150.000,00 lei

Anul 3: 2011.Valoare : 200.546,00 lei

12. Finance from: NATO PROGRAMME SECURITY THROUGH SCIENCE

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

Type: **Grant NATO- Collaborative Linkage Grant**

Value: 5.000,00 Euro

Period: 2006-2007 grant no. PDD(CP)-(CBP.EAP.CLG 982499)/20.11.2006

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

13. Grant bilateral Romania – Moldova, grant nr. 682/2013

Titlu **Sinteza compușilor noi biologic activi cu unități structurale terpenice și heterociclice,**

Finantator: Guvernul Moldovei si Guvernul Rominiei (ANCS, PN-II, Modul III)

Directori: conf.dr. Gheorghita Zbancioc, Romania/ conf.dr. Alexandru Ciocarlan, Academy of Science of Rep. Moldova

Valoare 2013: 14.500 Lei

Valoare 2014: 14.500 Lei

14. With Romanian Ministry of Education and Research

Director: Conf. dr. Gheorghita Zbancioc

Type: **TE**; cod UEFISCDI **PN-III-P1-1.1-TE-2016-1205**

Value: 450000 RON

Period: Iunie 2018 – Iunie 2020

Title: **Noi structuri polifuncționale azasteroid-mimetice: compuși fluorescenți și biologici activi**

20.06.2018

Conf. dr. Costel Moldoveanu

