

Lista publicațiilor
Prof. Dr. Habil. Dana Maria Copolovici (născută Ban)

Articole ISI (Web of Science):

1. Anca Silvestru, **Dana Ban**, John E. Drake, Zinc(II) tetraorganodichalcogenoimidodifosfinates. Crystal and molecular structure of $Zn[(OPPh_2)N]_2$. *Rev. Roum. Chim.* **47**(10-11), 1077 (2002), Factor de impact = 0.37.
2. Mihaela Szabo, **Dana Ban**, Ciprian Rat, Anca Silvestru, John E. Drake, Michael B. Hursthouse, Mark E. Light. New versatile phosphorus ligands containing SPNSO skeleton - synthesis and characterization of $(SPPH_2)(O_2SR)NH$ acids (R = Me, C₆H₄Me-4) and their alkaline metal salts. The crystal and molecular structures of $(SPPH_2)(O_2SR)NH$. *Inorg. Chim. Acta* **357**, 3595 (2004), Factor de impact = 2.264.
3. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. 4-Benzylmorpholin-4-ium chloride. *Acta Cryst.* **E63**, o2465 (2007), Factor de impact = 0.
4. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. Tris[2-(morpholin-4-ylmethyl)phenyl- κ^2C^1,N]antimony(III). *Acta Cryst.* **C64**, m37 (2008), Factor de impact = 8.678.
5. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. Bis[$\{C,N-2-(N\text{-morpholinylmethyl})phenyl\}$ palladium(II)chloride]. *Acta Cryst.* **E64**, m1057 (2008), Factor de impact = 0.
6. Taavi Lehto, Rachida Abes, Nikita Oskolkov, Julia Suhorutšenko, **Dana-Maria Copolovici**, Imre Mäger, Joana R. Viola, Oscar Simonsson, Peter Guterstam, Elo Eriste, C.I. Edvard Smith, Bernard Lebleu, Samir EL Andaloussi, Ülo Langel. Delivery of nucleic acids with a stearylated (R_xR)₄ peptide using a non-covalent co-incubation strategy. *J. Control. Release.* **141**, 42 – 51 (2010), Factor de impact = 7.877.
7. **Dana Copolovici**, Vilma R. Bojan, Ciprian I. Rat, Anca Silvestru, Hans J. Breunig, Cristian Silvestru. New chiral organoantimony(III) compounds containing intramolecular N→Sb interactions – solution behaviour and solid state structures. *Dalton Trans.*, **39**, 6410 – 6418 (2010), Factor de impact = 4.099.
8. Kent Langel, Staffan Lindberg, **Dana Copolovici**, Piret Arukuusk, Ranar Sillard, Ülo Langel. Novel fatty acid modifications of transportan 10. *Int. J. Pept. Res. Therapeut.* **16**, 247 – 255 (2010), Factor de impact = 1,132.
9. S. El Andaloussi, T. Lehto, I. Mäger, K. Rosenthal-Aizman, I.I. Oprea, O.E. Simonson, H. Sork, K. Ezzat, **D.M. Copolovici**, K. Kurrikoff, J.R. Viola, E.M. Zaghoul, R. Sillard, H. J. Johansson, F.S. Hassane, P. Guterstam, J. Suhorutsenko, P. M. D. Moreno, N. Oskolkov, J. Halldin, U. Tedebark, A. Metspalu, B. Lebleu, J. Lehtio, C. I. E. Smith, Ü.Langel, Design of a peptide-based vector, PepFect6, for efficient delivery of siRNA in cell culture and systemically in vivo. *Nucleic Acids Res.*, **39**, 3972 - 3987 (2011), Factor de impact = 11.561.
10. Taavi Lehto, Oscar E. Simonson, Imre Mäger, Kariem Ezzat, Helena Sork, **Dana-Maria Copolovici**, Joana R. Viola, Eman M. Zaghoul, Per Lundin, Pedro M.D. Moreno, Maarja Mäe, Nikita Oskolkov, Julia Suhorutšenko, Edvard C. Smith, Samir E.L. Andaloussi. A peptide-based vector for efficient gene transfer in vitro and in vivo. *Mol. Ther.* **19**(8):1457-1467, (2011), Factor de impact = 7.008.
11. Nikita Oskolkov, Piret Arukuusk, **Dana-Maria Copolovici**, Staffan Lindberg, Helerin Margus, Kaert Padari, Margus Pooga, Ülo Langel. NickFects, Phosphorylated Derivatives of Transportan 10 for Cellular Delivery of Oligonucleotides. *Int. J. Peptide Res. Therapeut.* **17**, 147 - 157 (2011), Factor de impact = 1.132.
12. Julia Suhorutsenko, Nikita Oskolkov, Piret Arukuusk, Kaido Kurrikoff, Elo Eriste, **Dana Maria Copolovici**, Ülo Langel. Cell-Penetrating Peptides, PepFects, Show No Evidence of Toxicity and Immunogenicity In Vitro and In Vivo. *Bioconjug. Chem.* **22**(11) 2255-2262 (2011), Factor de impact = 4.485.
13. Julia Suhorutsenko, Kaido Kurrikoff, Elo Eriste, **Dana Maria Copolovici**, Ülo Langel. Human Protein 53-Derived Cell-Penetrating Peptides. *Int. J. Peptide Res. Ther.* **18**, 291-297 (2012), Factor de impact = 1.132.
14. Elo Eriste, Kaido Kurrikoff, Julia Suhorutsenko, Nikita Osokolkov, **Dana Maria Copolovici**, Sarah Jones, Pirjo Laakkonen, John Howl, Ülo Langel. Peptide-Based Glioma-Targeted Drug Delivery Vector gHoPe2 *Bioconjug. Chem.* **24**(3) 305-313 (2013), Factor de impact = 4.485.
15. Piret Arukuusk, Ly Paernaste, Nikita Oskolkov, **Dana-Maria Copolovici**, Helerin Margus, Kaert Padari, Kaidi Moell, Julia Maslovskaja, Radi Tegova, Gaily Kivi, Andres Tover, Margus Pooga, Mart Ustav, Ülo

- Langel. New generation of efficient peptide-based vectors, NickFects, for the delivery of nucleic acids. *BBA-BIOMEMBRANES*. **1828**(5), 1365-1373 (2013), Factor de impact = 3.438.
16. Sarah Jones, Monika Lukanowska, Julia Suhorutsenko, Senga Oxenham, Christopher Barratt, Steven Publicover, **Dana Maria Copolovici**, Ülo Langel, John Howl. Intracellular translocation and differential accumulation of cell-penetrating peptides in bovine spermatozoa: evaluation of efficient delivery vectors that do not compromise human sperm motility. *Hum. Reprod.* **28**(7), 1874-1889 (2013), Factor de impact = 4.99.
 17. Marcel Ionel Popa, Silvia Pernevan, Cecilia Sirghie, Iuliana Spiridon, Dorina Chambree, **Dana Maria Copolovici**, Niculina Popa. Mechanical Properties and Weathering Behavior of Polypropylene-Hemp Shives Composites. *J. Chem.*, 2013, Article ID 343068, 8 pages. DOI:10.1155/2013/343068. Factor de impact = 1.726.
 18. **Dana Maria Copolovici**, Kent Langel, Elo Eriste, and Ülo Langel. Cell-Penetrating Peptides, Design, Synthesis, and Application, *ACS Nano*, **8**(3), 1972-1994 (2014), Factor de impact = 13.709.
 19. **Dana Copolovici**, Francesco Isaia, Hans Joachim Breunig, Ciprian I. Rat and Cristian Silvestru. Palladium(II) complexes with chiral organoantimony(III) ligands. Solution behaviour and solid state structures, *RSC Adv.*, **4**(51), 26569-26576 (2014), Factor de impact = 2.936.
 20. Cristian Rus, Renata Maria Sumalan, Ersilia Alexa, **Dana Maria Copolovici**, Georgeta Pop, Dorica Botau. Study on chemical composition and antifungal activity of essential oils obtained from representative species belonging to the *Lamiaceae* family, *Plant Soil Environ.*, **61**(7), 297-302 (2015), Factor de impact = 1.421.
 21. Alexandru Tomescu, Renata-Maria Sumalan, Georgeta Pop, Ersilia Alexa, Mariana-Atena Poiana, **Dana-Maria Copolovici**, Cristiana Sorina Stroe Mihai, Monica Negrea, Atena Galuscan. Chemical composition and protective antifungal activity of *Mentha piperita* L. and *Salvia officinalis* L. essential oils against *Fusarium graminearum* spp., *Rev. chimie*, **66**(7), 1027-1030 (2015), Factor de impact = 1.412.
 22. D.M. Tit, S. Bungau, C. Nistor Cseppento, **D.M. Copolovici**, C. Buhas, Disposal of unused medicines resulting from home treatment in Romania, *J. Environ. Prot. Ecol.*, **17**(4), 1425-1433 (2016), Factor de impact = 0.774.
 23. Lucian Copolovici, Andreea Pag, Astrid Kännaste, Adina Bodescu, Daniel Tomescu, **Dana Copolovici**, Maria-Loredana Soran, Ülo Niinemets, Disproportionate photosynthetic decline and inverse relationship between constitutive and induced volatile emissions upon feeding of *Quercus robur* leaves by large larvae of gypsy moth (*Lymantria dispar*), *Environ. Exp. Bot.*, **138**, 184-192 (2017), Factor de impact = 4.369.
 24. **Dana Copolovici**, Simona Bungau, Rica Boscencu, Delia Mirela Tit, Lucian Copolovici, The Fatty Acids Composition and Antioxidant Activity of Walnut Cold Press Oil, *Rev. Chim.*, **68**(3), 507-509 (2017), Factor de impact = 1.412.
 25. Daniel Tomescu, Radu Sumalan, Lucian Copolovici, **Dana Copolovici**, The influence of soil salinity on volatile organic compounds emission and photosynthetic parameters of *Solanum lycopersicum* L. varieties, *Open Life Sci*, **12**, 135-142 (2017), Factor de impact = 0.764.
 26. Adriana Nita, Delia Mirela Tit, Lucian Copolovici, Carmen Elena Melinte (Frunzulica), **Dana Copolovici**, Simona Bungau, ¹H NMR Study of famotidine and nizatidine complexes with β -cyclodextrin, *Rev. Chim.*, **68**(6), 1170-1173 (2017), Factor de impact = 1.412.
 27. Lucian Copolovici, Daniela Timiș, Monica Tășchină, Simona Bungău, Gabriela Cioca, **Dana Copolovici**, Diclofenac influence on photosynthetic parameters and volatile organic compounds emission from *Phaseolus vulgaris* L. plants, *Rev. chim.*, **68**(9), 2076-2078 (2017), Factor de impact = 1.412.
 28. Monica Tășchină, **Dana Maria Copolovici**, Simona Bungău, Andreea Lupitu, Lucian Copolovici, Ciprian Iovan, The influence of residual acetaminophen on beans (*Phaseolus vulgaris* L.) plants secondary metabolites, *Farmacia*, **65**, 709-713 (2017), Factor de impact = 1.507.
 29. Simona Bungau, Delia Tit, Ciprian Iovan, Lucian Copolovici, Rica Boscencu, Gabriela Cioca, **Dana Copolovici**, New method for simultaneous determination of ascorbic and acetylsalicylic acids in effervescent tablets, *Rev. chim.*, **68**, 2495-2498 (2017), Factor de impact = 1.412.
 30. Lucian Copolovici, Adelina Ban, Ioana Faur, **Dana Copolovici**, The influence of simulated acidic rain on plants volatile organic compounds emission and photosynthetic parameters, *AgroLife Scientific Journal*, **6**, 73-76 (2017).

31. Adriana Nita, Delia Mirela Tit, Lucian Copolovici, Carmen Elena Melinte (Frunzulica), **Dana Copolovici**, Simona Bungau, Ciprian Iovan, HPLC-UV Method for determination of famotidine from pharmaceutical products, *Rev. Chim.*, 69(2), 297-299 (2018), Factor de impact = 1.232.
32. Cristian Moisa, Lucian Copolovici, Simona Bungau, Georgeta Pop, Ilinca Imbrea, Andreea Lupitu, Sebastian Nemeth, **Dana Copolovici**, Wastes resulting from aromatic plants distillation – bio-sources of antioxidant and phenolic compounds with biological active principles, *Farmacia*, **66**(2), 289-295 (2018), Factor de impact = 1.507.
33. Claudia Anca Mot, Andreea I. Lupitu, Simona Bungau, Ciprian Iovan, **Dana Maria Copolovici**, Lavinia Purza, Carmen Elena Melinte (Frunzulica), Lucian Copolovici, Composition and Antioxidant Activity of Aqueous Extracts Obtained from Herb of Tansy (*Tanacetum vulgare* L.), *Rev. Chim.*, 1041-1044 (2018), Factor de impact = 1.412.
34. Diana Nicoleta Raba, Dorina Rodica Chambre, **Dana-Maria Copolovici**, Camelia Moldovan, Lucian Octav Copolovici, The influence of high-temperature heating on composition and thermo-oxidative stability of the oil extracted from Arabica coffee beans, *PlosOne*, 13(7), e0200314 (2018), Factor de impact = 2.766.
35. Salme Timmusk, **Dana Copolovici**, Lucian Copolovici, Tiiu Teder, Eviatar Nevo, Lawrence Behers, *Paenibacillus polymyxa* biofilm polysaccharides antagonise *Fusarium graminearum*, *Scientific Reports-Nature*, 9, 662 (2019), Factor de impact = 4.122.

Notă: Factorii de impact folosiți sunt publicați pe Journal Citation Reports în 2017.

Articole ISI Proceedings

1. M. Dochia, S. Gavrilas, M. Pustianu, D. Tomescu, **D.M. Copolovici**, Comparative study regarding the influence of the complexing agents EDTA and sodium citrate on the 50% flax cotton fabrics during the bioscouring treatment, *16th International Multidisciplinary Scientific GeoConference SGEM 2016*, SGEM Vienna GREEN Extended Scientific Sessions, www.sgemviennagreen.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-79-7 / ISSN 1314-2704, 2 - 5 November, 2016, Book 6 Vol. 3, 223-230 pp, DOI: 10.5593/SGEM2016/HB63/S08.029.
2. M. Dochia, M. Pustianu, S. Gavrilas; D. Tomescu, **D.M. Copolovici**, Study of the ultrasound efficiency on bioscouring treatment of hemp - cotton fabrics, Conference Proceedings of 17th International Multidisciplinary Scientific Geoconference SGEM 2017, Nano, Bio, Green and Space-Technologies for a Sustainable Future, ISBN: 978-1-5108-4819-1, 2017, 17(11), 1015-1023.
3. Andreea I. Lupitu, Cristian Moisa, Daniel Tomescu, Georgeta Pop, **Dana Maria Copolovici**, Lucian Copolovici, Adrian Rivis, Phenolic Compounds and Vitamins Composition in Medicinal Plants with Potential Anti-Bloating Properties, *Proceedings of The International Conference on Life Sciences*, 2018, 602-608.
4. Ilinca Imbrea Merima, **Dana Copolovici**, Monica Licker, Corina Danciu, Cristina Dehelean, Alexandru Cucui-Cozma, Daniela Amzar, Lucian Copolovici, Antibacterial Activity and Chemical Composition of *Origanum majorana* L. Essential Oil from the Western Part of Romania, *Proceedings of The International Conference on Life Sciences*, 2018, 865-870.

Articole BDI:

1. C.F. Rus, Georgeta Pop, Ersilia Alexa, Renata M. Șumălan, **Dana M. Copolovici**, Antifungal activity and chemical composition of *Salvia officinalis* L. essential oil, *Research Journal of Agricultural Science*, 47 (2), 186-193 (2015).
2. Cristian Moisa, Lucian Copolovici, Georgeta Pop, **Dana Copolovici**, Dry and fresh herba of *Satureja Montana* L.: a comparative study regarding chemical composition and antioxidant capacity of volatile oils, *Scientific Papers. Series E., Biotechnology*, 21, 349-352 (2017).
3. M. Dochia, M. Pustianu, S. Gavrilas, D. Tomescu, **D.M. Copolovici**, Study on the influence of ultrasound in bioscouring treatment of 50 % of flax + 50 % of cotton fabrics, *Analele Universității din Oradea, Fascicula Textile & Pielarie*, XVIII/1, 27-32 (2017).
4. M. Pustianu, M. Dochia, S. Gavrilas, D. Tomescu, **D.M. Copolovici**, Study on the bioscouring treatment of 50 % of hemp + 50 % of cotton fabrics, *Analele Universității din Oradea, Fascicula Textile & Pielarie*, XVIII/2, 29-34 (2017).

Cărți

1. „Chimie analitică. Analiza calitativă”, Simona Bungău, **Dana Copolovici**, Lucian Copolovici, Editura Universității Oradea, **2014**, Ediția a doua, ISBN 97-606-10-1243-5.
2. “Instrumental Analytical Methods – Metode Instrumentale de Analiză”, Simona Bungău, **Dana Copolovici**, Lucian Copolovici, Italian Academic Publishing, **2015**, ISBN 978-88-98471-15-7.

Capitol de carte:

„Peptide-based systems for drug delivery”, **Dana M. Copolovici** and Andreea I. Lupitu, in Peptide Applications in Biomedicine, Biotechnology and Bioengineering, Edited by Sotirios Koutsopoulos, Woodhead Publishing Series in Biomaterials, An imprint of Elsevier, **2018**, ISBN: 978-0-08-100736-5 (print), ISBN: 978-0-08-100-742-6 (online).

Brevet de invenție:

A system for cargo delivery into the cells; Owner: Cepep Eesti OÜ, University of Tartu; Authors: Ülo Langel, Piret Arukuusk, Nikita Oskolkov, Dana-Maria Copolovici; Priority number: EP11155275; Priority date: 22.02.2011, WO 2012113846.

Alte publicații științifice

1. S. Lindberg, D.M. Copolovici, Ü. Langel, Therapeutic delivery opportunities, obstacles and applications for cell-penetrating peptides. *Therapeutic Delivery*, 2, 71 – 82, 2011.
2. Bioremediation of soil contaminated with cadmium using hemp shives. A case study of modification of physiological parameters in *Triticum aestivum*, Lucian Copolovici, Dana Copolovici, Ülo Niinemets and Cecilia Sirghie in *Scientific Bulletin of ESCORENA*, nr. 5, iulie 2012.
3. Atomic Force Microscopy: Different Approach to Discover the Paper, Dana-Maria Copolovici, Grigore Crăciun, Cecilia Sirghie in *Scientific Bulletin of ESCORENA*, nr. 7, iulie 2013.
4. Structural Investigation by Atomic Force Microscopy, Dana Maria Copolovici, Cecilia Sirghie in *Scientific Bulletin of ESCORENA*, nr. 8, decembrie 2013.
5. Oana Olariu, Dana Copolovici, Lucian Copolovici, New method for testing milk acidity based on volatile organic compounds emission, *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering*, vol. 14 (XV), 24-27, 2017.
6. Dana Maria Copolovici, Denissa Arabela Pop, Case studies of former romanian ERASMUS students, *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering*, vol. 14 (XV), 45-48, 2017.

Comunicări științifice

1. **Dana Ban**, Laura Opris, Cristian Silvestru, “Organoantimony(III) compounds containing intramolecular N→Sb interactions. Synthesis and characterization”, *The 3rd Conference of “Isotopic and Molecular Processes”*, Cluj-Napoca, Romania, 25-27 Sep. **2003** (prezentare poster).
2. **Dana Ban**, Cristian Silvestru, “Chiral organoantimony(III) derivatives stabilized through N→Sb interactions. Synthesis and characterization”, *The 1st International Conference of the Moldavian Chemical Society – Achievements and perspectives of modern chemistry*, Chisinau, Moldavia, 06-08 Oct. **2003** (prezentare poster).
3. **Dana Ban**, Cristian Silvestru, “Synthesis and characterization of new chiral organoantimony derivatives containing [2-(Me₂NCH₂)C₆H₄] moieties”, *Advanced Spectroscopies on Biomedical and Nanostructured Systems*, Cluj-Napoca, Romania, 19-22 Sep. **2004** (prezentare poster).
4. **Dana Ban**, Cristian Silvestru, “New hypervalent compounds with [2-(Me₂NCH₂)C₆H₄] group”, *The XXVIII National Conference of Chemistry*, Calimanesti-Caciulata, Romania, 06-08 Oct. **2004** (prezentare poster).
5. **Dana Ban**, Cristian Silvestru, “Chiral organoantimony(III) derivatives containing [2-{MeN(CH₂CH₂)₂NCH₂}C₆H₄] groups: solution behaviour and solid state structure”, *XVI FECEM Conference on Organometallic Chemistry*, Budapest, Hungary, 03-08 Sep. **2005** (prezentare poster).

6. **Dana Ban**, Cristian Silvestru, "New organoantimony(III) derivatives containing C,N-chelating ligands with bulky substituents on nitrogen", *The 4th Conference of Isotopic and Molecular Processes*, Cluj-Napoca, Romania, 22-24 Sep. **2005** (prezentare poster).
7. **Dana Ban**, Cristian Silvestru, "Solution behaviour and solid state structure of new organoantimony(III) derivatives containing intramolecular interactions", *XXII Conference on Organometallic Chemistry, ICOMC 2006*, Zaragoza, Spain, 23-28 Iulie **2006** (poster).
8. Cristian Silvestru, Alexandrina Tanase, Laura Opris, **Dana Ban**, Hans. J. Breunig, "Organoantimony(III) Metallacycles Containing Sb-E-Sb Fragments (E = Chalcogen)", *11th International Symposium on Inorganic Ring Systems, IRIS XI*, Oulu, Finland, 30 Iulie-4 August **2006** (prezentare poster).
9. Miuta Filip, Virginia Coman, **Dana Ban**, "HPLC Monitored Synthesis of some Substituted Benzene Derivatives with Pendant Arms Used as Ligands for Organometallic Compounds", *1st European Chemistry Congress*, Budapest, Hungary, 27-31 Aug. **2006** (prezentare poster).
10. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga, "Supramolecular Structures of Organoantimony(III) Compounds with Intramolecular Coordination", *1st International Conference on Supramolecular Chemistry, SUPCHEM*, Cluj-Napoca, Romania, 12-15 Aprilie **2007** (prezentare poster).
11. **Dana Copolovici**, Cristian Silvestru, "Synthesis and Structures of Intramolecularly Base-Coordinated Arylantimony(III) Compounds", *Academic Days Timisoara, 10th Edition*, Timisoara, Romania, 24-25 Mai **2007** (prezentare orală).
12. **Dana Copolovici**, Francesco Isaia, Cristian Silvestru, "Organoantimony(III) Compounds with Pendant Arms – Reactivity and Structure", *XVII EUCHEMS, Conference on Organometallic Chemistry*, Sofia, Bulgaria, 01-06 Sep. **2007** (prezentare orală).
13. Mihaiela Vlassa, Miuta Filip, **Dana Ban**, Cristian Silvestru, "HPLC Monitored Synthesis of some New Hypervalent Organoantimony(III) Compounds", *11th EUCHEMS-DCE, International Conference on Chemistry and the Environment*, Torun, Poland, 09-12 Sep. **2007** (prezentare poster).
14. **Dana Maria Copolovici**, 30th European Peptide Symposium, Helsinki, Finland, 31 Aug-5 Sep. **2008** (participant).
15. J. Suhorutsenko, **D. M. Copolovici**, E. Eriste, N. Oskolkov,; P. Arukuusk, Ü. Langel, "New cell-penetrating peptides induce no inflammatory response in antigen-presenting cell lines". *In: Scandinavian Journal of Immunology: 39th meeting of Scandinavian Society for Immunology jointly with the Baltic Immunological Society; Tallinn, Estonia; 2-5.06.2010*. Blackwell Publishing Ltd, **2010**, (474-548; 6), 508 – 509 (Factor de impact = 2.199).
16. Kent Langel, Staffan Lindberg, **Dana Copolovici**, Piret Arukuusk, Rannar Sillard and Ülo Langel, „Novel fatty acid modifications of transportan 10“, *Peptide Vectors and Therapeutics*, Tallinn, Estonia, 19-21 Mai **2011** (prezentare poster).
17. Nikita Oskolkov, Piret Arukuusk, Helerin Margus, **Dana-Maria Copolovici**, Kärt Padari, Margus Pooga, Ülo Langel, „Novel phosphorylated transfection vectors, NickFects“, *Peptide Vectors and Therapeutics*, Tallinn, Estonia, 19-21 Mai **2011** (prezentare poster).
18. **Dana Maria Copolovici**, Nikita Oskolkov, Piret Arukuusk, and Ülo Langel, „Kinetic studies and influence of phosphatase inhibitors on delivery of oligonucleotides by phosphopeptides (NickFects)“, *Peptide Vectors and Therapeutics*, Tallinn, Estonia, 19-21 Mai **2011** (prezentare poster).
19. Julia Suhorutšenko, Nikita Oskolkov, Piret Arukuusk, Elo Eriste, Kaido Kurrikoff, **Dana Maria Copolovici** and Ülo Langel, „C-terminal p53 cell-penetrating analogue induces apoptosis in human cancer cells“, *Peptide Vectors and Therapeutics*, Tallinn, Estonia, 19-21 Mai **2011** (prezentare poster).
20. Piret Arukuusk, Ly Pärnaste, Nikita Oskolkov, **Dana-Maria Copolovici**, Helerin Margus, Kärt Padari, Margus Pooga, and Ülo Langel, „Highly efficient and non-toxic transfection reagent for nucleic acids intracellular delivery - NickFect51.“ *Peptide Therapeutics Conference*, Lanzarote, Spania, 12-16 Februarie **2012** (prezentare orală).
21. Julia Suhorutšenko, Elo Eriste, Kaido Kurrikoff, Nikita Oskolkov, **Dana-Maria Copolovici**, Sarah Jones, Pirjo Laakkonen, John Howl, Ülo Langel, „Peptide-based glioma-specific drug delivery vector“, *Peptide Therapeutics Conference*, Lanzarote, Spania, 12-16 Februarie **2012** (prezentare poster).
22. **Dana Maria Copolovici**, Cecilia Sirghie, Alexandru Botar, Ioan Vifor Istoc, Mihaela Dochia, "Atomic Force Microscopy and Confocal RAMAN Spectroscopy: Tools in Applied Technologies", a 4-a Editie a Simpozionului International de Cercetare si Educatie in Era Inovatiei, 3-4 Noiembrie **2012**, Arad, Romania (prezentare orală).
23. **Dana-Maria Copolovici**, Julia Suhorutsenko, Nikita Oskolkov, Elo Eriste, Kaido Kurrikoff, and Ülo Langel, "Cell-Penetrating Peptides: From Design to *in vitro* and *in vivo* Applications" a 4-a Editie a Simpozionului International de Cercetare si Educatie in Era Inovatiei, 3-4 Noiembrie **2012**, Arad, Romania (prezentare orală).
24. Prezentare produse la Târgul Regional de Inovare „InnoMatch”, 3-4 Aprilie **2013** Arad International. A fost acordată Mențiunea Specială no. 1 Universității "Aurel Vlaicu" din Arad pentru procedeul de albire a

- pulpei de celuloză obținută din fibre naturale celulozice sau materiale celulozice, prin oxidare catalitică cu polioxometalați și reprezentată de Dr. Dana Copolovici.
25. **Dana-Maria Copolovici**, Cecilia Sîrghie, "Atomic Force Microscopy and RAMAN Spectroscopy: Tools in Applied Technologies", A 13-a Ediție a Zilelor Academice Timișene, Timișoara, Romania, 13-14 Iunie **2013** (prezentare orală).
 26. **Dana-Maria Copolovici**, "Cell-penetrating peptides: from design to therapeutic applications", New Trends and Strategies in the Chemistry of advanced materials in biological systems, technique and environmental protection, Timișoara, Romania, 5-6 Iunie **2014** (prezentare orală).
 27. **Dana Maria Copolovici**, Andreea Ioana Pag, Felicia Dragan, Lucian Copolovici, "Chemical Analysis of *Sambucus ebulus* L. Extracts", 10th Edition of Environmental Legislation Safety Engineering and Disaster Management (ELSEDIMA), Cluj-Napoca, Romania, 18-19 Septembrie **2014** (prezentare poster).
 28. **Dana Maria Copolovici**, Felicia Dragan, Cecilia Sirghie, "Structural and Morphological Investigation of Commercially Available Cosmetic Paper Containing Products", A XXXIII-a Conferința Națională de Chimie, Căciulata, Romania, 01-03 Octombrie **2014** (prezentare poster).
 29. Alina Popescu, Cecilia Sirghie, Mihaela Dochia, **Dana Maria Copolovici**, Laura Chirila, "Aspects Regarding Natural Dyeing of Enzymatically Pre-treated Cellulosic Blended Yarns", The 5th International Conference on Advanced Materials and Systems, 23–25 Octombrie, **2014**, Bucuresti, Romania (prezentare poster).
 30. **Dana Maria Copolovici**, "Therapeutic Applications of Cell-Penetrating Peptides", 5th International U.A.B.-B.EN.A. Conference Environmental Engineering and Sustainable Development, 28-30 Mai, **2015**, Alba Iulia, Romania (prezentare poster).
 31. **Dana Maria Copolovici**, "Cell-Penetrating Peptides: Versatile Vectors of Therapeutics", The 8th Edition of symposium with international participation "New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection", 04-05 Iunie, **2015**, Timisoara, Romania (prezentare orală).
 32. **Dana Maria Copolovici**, "Focus on Cell-Penetrating Peptides and their Therapeutic Applications", RSBMB Anniversary Conference 25 years of promoting molecular life sciences, 17-18 Septembrie, **2015**, Bucuresti, Romania (prezentare orală).
 33. Simona Gavrilaş, Dorina R. Chambre, **Dana M. Copolovici**, Michaela D. Stănescu, "Non-isothermal degradation of *Trametes pubescens* laccase immobilized on PVA cryogel carrier", 25th Symposium on Thermal Analysis and Calorimetry, 15 April **2016**.
 34. **Dana Maria Copolovici**, "Cell-Penetrating Peptides for Personalized Medicine", "Diaspora în cercetarea științifică și învățământul superior din România – Diaspora și prietenii săi 2016", 25-28 April **2016**, Timisoara, Romania (prezentare orală).
 35. Dennis N. Iosif, Lucian Copolovici, **Dana M. Copolovici**, "Anthropogenic Aromatic Hydrocarbons in Arad Atmosphere", 11th International Conference on "Environmental Legislation, Safety Engineering and Disaster Management" ELSEDIMA 2016, 26-28 Mai **2016**, Cluj-Napoca, Romania (poster).
 36. **Dana M. Copolovici**, Lucian Copolovici, "Volatile Organic Compounds Emission from Cars Indoor and Their Implication to Human Health", 11th International Conference on "Environmental Legislation, Safety Engineering and Disaster Management" ELSEDIMA 2016, Cluj-Napoca, Romania, 26-28 Mai **2016** (prezentare orală).
 37. Claudia A. Mot, **Dana Copolovici**, Emilian Madosa, Ghiocel Mot, Lucian Copolovici "The chemical composition and pharmaceutical usage of Hawthorn (*Crataegus monogyna* L.) extracts", European Biotechnology Conference, 05-07 May **2016**, Latvia: *Journal of Biotechnology*, Vol. 231, Supplement, 10 August **2016**, Pag. S59.
 38. **Dana M. Copolovici**, Dana Radu, Georgeta Pop, Lucian Copolovici, "Chemical Analysis and Antimicrobial Activity of *Lavandula Officinalis* L. Essential Oils," The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 09-11 Iunie **2016** (poster).
 39. Denissa A. Pop, Alina Ban, Lucian Copolovici, **Dana Copolovici**, Chemical Analysis of Italian and Portuguese Cheese, XXXIV Edition of National Conference of Chemistry, Calimanesti-Căciulata, Romania, 04-07 Oct. **2016** (prezentare orală).
 40. Mihaela Dochia, Simona Gavrilaș, Monica Pustianu, Daniel Tomescu, Cecilia Sirghie, **Dana M. Copolovici**, "Determination of the Residual Pectin from a Bioscoured Flax/Cotton Fabric Using Ruthenium Red Method", International Symposium Research and Education in Innovation Era, 6th Edition, Arad, Romania, 8-10 Dec. **2016** (poster).
 41. Dennis N. Iosif, Lucian Copolovici, **Dana M. Copolovici**, "Determination of Atmospheric Pollutants in Arad City", International Symposium Research and Education in Innovation Era, 6th Edition, Arad, Romania, 8-10 Dec. **2016** (poster).

42. Denissa A. Pop, Alina Ban, Lucian Copolovici, **Dana Copolovici**, "Chromatographic Analysis of some Food Products", International Symposium Research and Education in Innovation Era, 6th Edition, Arad, Romania, 8-10 Dec. **2016** (prezentare orală).
43. M. Dochia, S. Gavrilas, M. Pustianu, D. Tomescu, **D.M. Copolovici**, Comparative study regarding the influence of the complexing agents EDTA and sodium citrate on the 50% flax cotton fabrics during the bioscouring treatment, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM Vienna GREEN Extended Scientific Session, **2016**.
44. Lucian Copolovici, Ioana Faur, Adelina Ban, **Dana Copolovici**, The influence of the acidic rain chemical composition on volatile organic compounds emission and photosynthetic parameters of the *Phaseolus vulgaris* L. plants, International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, 26-27 Mai **2017**.
45. **Dana Copolovici**, Denissa A. Pop, Alina M. Ban, Lucian Copolovici, Variation of the chemical composition of diverse types of cheese, International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, 26-27 Mai **2017**.
46. Cristian Moisa, Lucian Copolovici, Georgeta Pop, **Dana Copolovici**, An overview of the chemical composition and biological activity of volatile oil obtained from *Satureja montana* L., International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, 26-27 Mai **2017**.
47. Andreea I. Lupitu, Lucian Copolovici, Georgeta Pop, **Dana Copolovici**, "Chromatographic analyses of essential oils obtained from different plant species cultivated in Romania", 10th Edition of New Trends and Strategies in the Chemistry of advanced materials in biological systems, technique and environmental protection, Timișoara, Romania, 8-9 Iunie **2017**, (poster).
48. Dennis N. Iosif, Lucian Copolovici, **Dana M. Copolovici**, "Determination of BTEX in urban area of Arad, Romania", The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 08-10 Iunie **2017** (poster).
49. **Dana M. Copolovici**, Daniana E. Vasiliu, Lucian Copolovici, "Determination of chemical composition of some Romanian sausages", The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 08-10 Iunie **2017** (poster).
50. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Dana Copolovici, "Dry and fresh herba of *Satureja montana* L.: a comparative study regarding chemical composition and antioxidant capacity of volatile oils", The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 08-10 Iunie **2017** (poster).
51. Lucian Copolovici, Adelina Ban, Ioana Faur, Dana Copolovici, "The influence of simulated acidic rain on plants volatile organic compounds emission and photosynthetic parameters", The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 08-10 Iunie **2017** (prezentare orală).
52. Monica Taschina, Daniela Timis, Lucian Copolovici, **Dana Copolovici**, The influence of antipyretic drugs on physiological parameters and volatile organic compounds emission from plants The International Conference Agriculture for Life, Life for Agriculture, Bucharest, Romania, 08-10 Iunie **2017** (poster).
53. M. Dochia, M. Pustianu, S. Gavrilas; D. Tomescu, **D.M. Copolovici**, Study of the ultrasound efficiency on bioscouring treatment of hemp - cotton fabrics, Conference Proceedings of 17th International Multidisciplinary Scientific Geoconference SGEM **2017**.
54. Lucian Copolovici, Ioana Faur, Adelina Ban, **Dana Copolovici**, The influence of acidic rain pH and composition of plants secondary metabolites, The 16th International Symposium "Prospects for the 3rd Millennium Agriculture", Cluj-Napoca, Romania, 28– 30 Sept. **2017**.
55. Anca Mot, Andreea Lupitu, Lucian Copolovici, **Dana Copolovici**, Composition, antioxidant and total phenolic content analysis of extracts obtained from (*Tanacetum vulgare* L.) cultivated in Romania, The 16th International Symposium "Prospects for the 3rd Millennium Agriculture", Cluj-Napoca, Romania, 28– 30 Sept. **2017** (poster).
56. **D.M. Copolovici**, L. Lazăr, D.A Pop, A.M. Ban and L. Copolovici, Chemical composition of semi-soft, semi-hard and hard types of cheeses, The 16th International Symposium "Prospects for the 3rd Millennium Agriculture", Cluj-Napoca, Romania, 28– 30 Sept. **2017** (prezentare orală).
57. Corina Popitanu, Dennis N. Iosif, Lucian Copolovici, **Dana Copolovici**, „Baking” pollutants in atmosphere identified nearby us, 7th International Symposium Research and Education in Innovation Era, 17-19 Mai, 2018, Arad, Romania.
58. Monica Taschina, **Dana Copolovici**, Lucian Copolovici, The influence of ketoprofen on *Phaseolus vulgaris* L. plants, 7th International Symposium Research and Education in Innovation Era, 17-19 Mai, 2018, Arad, Romania.

59. Andreea Lupitu, Cristian Moisa, **Dana Copolovici**, Lucian Copolovici, Determination of phenolic compounds by UHPLC from different plant sources, *7th International Symposium Research and Education in Innovation Era*, 17-19 Mai., 2018, Arad, Romania.
60. Andreea Lupitu, Cristian Moisa, **Dana Copolovici**, Lucian Copolovici, Secondary metabolites from medicinal and aromatic plants – diversity and applications, *7th International Symposium Research and Education in Innovation Era*, 17-19 Mai, 2018, Arad, Romania.
61. Adriana Csakvari, Andreea Lupitu, Lucian Copolovici, **Dana Copolovici**, Chemical profiles of different plant extracts determined by chromatographic methods, *7th International Symposium Research and Education in Innovation Era*, 17-19 Mai, 2018, Arad, Romania
62. Lucian Copolovici, **Dana Copolovici**, Andreea Lupitu, Volatile organic compounds emission from plants under climate change pression, *7th International Symposium Research and Education in Innovation Era*, 17-19 Mai, 2018, Arad, Romania.
63. Lucian Copolovici, **Dana Copolovici**, The influence of climate change on volatile organic compounds emission from plants, *Agriculture for Life, Life for Agriculture*, 9–11 Iunie, 2018, Bucharest, Romania
64. Dana Copolovici, Loredana Lazar, Denissa Pop, Alina Ban, Lucian Copolovici, Profiles of fatty acids and volatile compounds evaluated from different types of cheeses, *Agriculture for Life, Life for Agriculture*, 9–11 Iunie, 2018, Bucharest, Romania
65. Andreea Lupitu, Daniel Tomescu, Claudia Anca Mot, Cristian Moisa, **Dana Maria Copolovici**, Lucian Copolovici, Variation in phenolic content and antioxidant activity of different plant parts of *Primula veris*, *Agriculture for Life, Life for Agriculture*, 9–11 Iunie, 2018, Bucharest, Romania (Best poster award).
66. Cristian Moisa, Lucian Copolovici, Andreea Lupitu, Georgeta Pop, Virgiliu Ciutina, **Dana Maria Copolovici**, Essential oil composition, total phenolic content, and antioxidant activity - determined from leaves, flowers and stems of *Origanum vulgare* L. var. *aureum*, *Agriculture for Life, Life for Agriculture*, 9–11 Iunie, 2018, Bucharest, Romania (Best poster award).
67. **Dana Copolovici**, Andreea Lupitu, Cristian Moisa, Nicoleta Mihoc, Lucian Copolovici, Chemical caracterizarion, biological activity, and applications of essential oils, *11th Edition of New Trends and Strategies in the Chemistry of advanced materials in biological systems, technique and environmental protection*, Timișoara, Romania, 28-29 Iunie 2018 (prezentare orală).
68. **Dana Maria Copolovici**, Smart products to penetrate the hard to transfect cells, *The Annual International Conference of the RSBMB*, 5-7 Sept., 2018, Bucuresti, Romania (prezentare orală).
69. Lucian Copolovici, **Dana Copolovici**, Andreea Lupitu, Georgeta Pop, Cristian Moisa, The versatility components of essential oils, *The Annual International Conference of the RSBMB*, 5-7 Sept., 2018, Bucuresti, Romania (poster).
70. Cristian Moisa, Andreea I. Lupitu, Dana Maria Copolovici, Lucian Copolovici, The influence of phenological stages on the secondary metabolites from thyme and oregano, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.
71. Lucian Copolovici, **Dana Copolovici**, Andreea Lupitu, Cristian Moisa, Volatile organic compounds emission from plants under different abiotic stresses, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.
72. **Dana Maria Copolovici**, Dorina Chambre, Diana Nicoleta Raba, Ionela Alina Ciurel, Camelia Moldovan, Lucian Octav Copolovici, Studies regarding the composition and thermo-oxidative stability of the oil extracted from arabica coffee beans at different temperatures, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.
73. Andreea I. Lupitu, Cristi Moisa, **Dana Maria Copolovici**, Lucian Copolovici, Fatty acids composition of different cold pressed oils, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.
74. **Dana Copolovici**, Cristian Moisa, Andreea Pag, Smeurica Schitea, Nicoleta Mihoc, Lucian Copolovici, Essential oils and their applications, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.
75. Lucian Copolovici, Andreea Pag, Monica Taschina, Cristian Moisa, **Dana Copolovici**, The effects of different pollutants on plants and ecosystems, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.
76. Andreea Lupitu, Cristi Moisa, **Dana Maria Copolovici**, Lucian Copolovici, Determination of fatty acids contents from different cold pressed oils, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.
77. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Andreea Pag, **Dana Copolovici**, Changes in the chemical composition of some essential oils from lamiaceae family during different phenological

stages, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.

78. Lucian Copolovici, Andreea Lupitu, Cristi Moisa, **Dana Maria Copolovici**, Biogenic Volatile Organic Compounds Measurement Techniques - from Leaf to Canopy Level, *4th International Conference on Chemical Engineering*, 31 October – 02 November 2018, Iasi, Romania.
79. **Dana Maria Copolovici**, Dennis Iosif, Corina Popintanu, Lucian Copolovici, Investigating the Air Quality We Breath in Romania, *4th International Conference on Chemical Engineering*, 31 October – 02 November 2018, Iasi, Romania.

Prof. Dr. Habil. Dana Maria Copolovici

