

List of publications
Prof. Dr. .Hab. Dana Maria Copolovici (born Ban)

Scientific publications ISI (Web of Knowledge):

1. Anca Silvestru, **Dana Ban**, John E. Drake, Zinc(II) tetraorganodichalcogenoimidodiphosphinates. Crystal and molecular structure of $Zn[(OPPh_2)N]_2$. *Rev. Roum. Chim.* **47**(10-11), 1077 (2002).
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 $(SPPPh_2)(O_2SR)NH$ acids ($R = Me, C_6H_4Me-4$) and their alkaline metal salts. The crystal and molecular structures of $(SPPPh_2)(O_2SR)NH$. *Inorg. Chim. Acta* **357**, 3595 (2004).
3. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. 4-Benzylmorpholin-4-ium chloride. *Acta Cryst.* **E63**, o2465 (2007).
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).
5. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. Bis[{C,N-2-(N-morpholinylmethyl)phenyl} palladium(II)chloride]. *Acta Cryst.* **E64**, m1057 (2008).
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 Stearilated (RxR)₄ Peptide using a Non-covalent Co-incubation Strategy. *J. Control. Release.* **141**, 42 – 51 (2010).
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).
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).
9. S. Lindberg, **D.M. Copolovici**, Ü. Langel, Therapeutic delivery opportunities, obstacles and applications for cell-penetrating peptides. *Therapeutic Delivery*, **2**, 71 – 82 (2011).
10. 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).
11. 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).
12. 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).
13. 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).
 14. 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).
 15. Elo Eriste, Kaido Kurrikoff, Julia Suhorutsenko, Nikita Oskolkov, **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).
 16. 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).
 17. 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).
 18. 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.
 19. **Dana Maria Copolovici**, Kent Langel, Elo Eriste, and Ülo Langel. Cell-Penetrating Peptides, Design, Synthesis, and Application, *ACS Nano*, **8**(3), 1972-1994 (2014).
 20. **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).
 21. 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).
 22. 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. chim.*, **66**(7), 1027-1030 (2015).
 23. 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).
 24. 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).
25. **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).
 26. 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).
 27. Adriana Nita, Delia Tit, Lucian Copolovici, Carmen Melinte, **Dana Copolovici**, Simona Bungau, ¹H-NMR study of famptodine and nitzidine complexes with β -cyclodextrin, *Rev. chim.*, 68, 1170-1173 (2017).
 28. 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**, 2076-2078 (2017).
 29. 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).
 30. 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).
 31. 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).

ISI Proceedings Article:

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, 223-230pp, DOI: 10.5593/SGEM2016/HB63/S08.029.
1. 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.

IBD Articles:

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).

Books

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.

Book chapter

1. „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).

Patent

1. 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.

Other scientific publications

1. Lucian Copolovici, **Dana Copolovici**, Ülo Niinemets and Cecilia Sirghie. “Bioremediation of soil contaminated with cadmium using hemp shives. A case study of modification of physiological parameters in *Triticum aestivum*”, *Scientific Bulletin of ESCORENA*, nr. 5, July 2012.
2. **Dana-Maria Copolovici**, Grigore Crăciun, Cecilia Sirghie. ”Atomic Force Microscopy: Different Approach to Discover the Paper”, *Scientific Bulletin of ESCORENA*, nr. 7, July 2013.
3. **Dana Maria Copolovici**, Cecilia Sirghie. “Structural Investigation by Atomic Force Microscopy”, *Scientific Bulletin of ESCORENA*, nr. 8, December 2013.
4. 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.
5. **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.

Scientific Communications (Conferences)

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** (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** (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 Sept. **2004** (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** (poster).
5. **Dana Ban**, Cristian Silvestru, “Chiral organoantimony(III) derivatives containing [2-{MeN(CH₂CH₂)₂NCH₂}C₆H₄] groups: solution behaviour and solid state structure”, *XVI FECHM Conference on Organometallic Chemistry*, Budapest, Hungary, 03-08 Sept. **2005** (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 Sept. **2005** (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 July **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 July-4 Aug. **2006** (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** (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 April **2007** (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 May **2007** (oral presentation).
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 Sept. **2007** (oral presentation).
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** (poster).
14. **Dana Maria Copolovici**, 30th European Peptide Symposium, Helsinki, Finland, 31 Aug-5 Sept. **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; 02-05 June 2010*. Blackwell Publishing Ltd, 2010, (474-548; 6), 508 – 509.

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 May **2011** (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 May **2011** (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 May **2011** (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 May 2011 (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 Feb. **2012** (oral presentation).
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 Feb. **2012** (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, Arad, Romania, 3-4 Nov. **2012** (oral presentation).
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, Arad, Romania, 3-4 Nov. **2012** (oral presentation).
24. **Dana Copolovici**, Products presentation at Regional Innovation Fair „InnoMatch”, Arad International, Romania, 3-4 April **2013**.
25. **Dana-Maria Copolovici**, Cecilia Sirghie, “Atomic Force Microscopy and RAMAN Spectroscopy: Tools in Applied Technologies”, A 13-a Editie a Zilelor Academice Timişene, Timişoara, Romania, 13-14 June **2013** (oral presentation).
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, Timişoara, Romania, 05-06 June **2014** (oral presentation).
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 Sept. **2014** (poster).
28. **Dana Maria Copolovici**, Felicia Dragan, Cecilia Sirghie, “Structural and Morphological Investigation of Commercially Available Cosmetic Paper Containing Products”, A XXXIII-a Conferinta Nationala de Chimie, Caciulata, Romania, 01-03 Oct. **2014** (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, Bucuresti, Romania, 23–25 Oct. **2014** (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, Alba Iulia, Romania, 28-30 May **2015** (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”, Timisoara, 04-05 June **2015** (oral presentation).
32. **Dana Maria Copolovici**, “Focus on Cell-Penetrating Peptides and their Therapeutic Applications”, RSBMB Anniversary Conference 25 years of promoting molecular life sciences, Bucuresti, Romania 17-18 Sept. **2015** (oral presentation).
33. Simona Gavrilas, 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, Cluj-Napoca, Romania, 26-28 May **2016** (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 May **2016** (oral presentation).
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, Pages 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 June **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-Caciulata, Romania, 04-07 Oct. **2016** (oral presentation).
40. Mihaela Dochia, Simona Gavrilas, 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** (oral presentation).
43. 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 May **2017**.
44. **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 May **2017**.
45. 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 May **2017**.
46. 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 June **2017**, (poster).
47. 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 June **2017** (poster).
48. **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 June **2017** (poster).
49. 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 June **2017** (poster).
50. 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 June **2017**.
51. 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 June **2017** (poster).
52. 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, 28th– 30th Sept. **2017**.
53. 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, 28th– 30th Sept. **2017** (poster).

54. **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, 28th– 30th Sept. **2017** (oral presentation).

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