

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

**Articles ISI (Web of Science):**

1. Anca Silvestru, **Dana Ban**, John E. Drake, Zinc(II) tetraorganodichalcogenoimidodiphosphinates. Crystal and molecular structure of Zn[(OPPh<sub>2</sub>)N]<sub>2</sub>. *Rev. Roum. Chim.* **47**(10-11), 1077 (2002), I.F. = 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<sub>2</sub>)(O<sub>2</sub>SR)NH acids (R = Me, C<sub>6</sub>H<sub>4</sub>Me-4) and their alkaline metal salts. The crystal and molecular structures of (SPPH<sub>2</sub>)(O<sub>2</sub>SR)NH. *Inorg. Chim. Acta* **357**, 3595 (2004), I.F. = 2.264.
3. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. 4-Benzylmorpholin-4-ium chloride. *Acta Cryst.* **E63**, o2465 (2007), I.F. = 0.
4. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. Tris[2-(morpholin-4-ylmethyl)phenyl-κ<sup>2</sup>C<sup>1</sup>,N]antimony(III). *Acta Cryst.* **C64**, m37 (2008), I.F. = 8.678.
5. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga. Bis[[C,N-2-(N-morpholinylmethyl)phenyl]palladium(II)chloride]. *Acta Cryst.* **E64**, m1057 (2008), I.F. = 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 (RxR)<sub>4</sub> peptide using a non-covalent co-incubation strategy. *J. Control. Release.* **141**, 42 – 51 (2010), I.F. = 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), I.F. = 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), I.F. = 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. Zaghloul, 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), I.F. = 11.561.
10. Taavi Lehto, Oscar E. Simonson, Imre Mäger, Kariem Ezzat, Helena Sork, **Dana-Maria Copolovici**, Joana R. Viola, Eman M. Zaghloul, 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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. I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 0.764.
  26. Adriana Nita, Delia Mirela Tit, Lucian Copolovici, Carmen Elena Melinte (Frunzulica), **Dana Copolovici**, Simona Bungau, <sup>1</sup>H NMR Study of famotidine and nizatidine complexes with  $\beta$ -cyclodextrin, *Rev. Chim.*, **68**(6), 1170-1173 (2017), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 0.
  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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 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), I.F. = 4.122.

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#### 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](http://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.

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1. C.F. Rus, Georgeta Pop, Ersilia Alexa, Renata M. Şumălan, **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 Universităţii din Oradea, Fascicula Textile & Pielarie*, XVIII/1, 27-32 (2017).
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#### Books:

1. „Chimie analitică. Analiza calitativă”, Simona Bungău, **Dana Copolovici**, Lucian Copolovici, Editura Universităţii Oradea, **2014**, Ediţia 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:

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 articles:

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.
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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.

#### Scientific communications

1. **Dana Ban**, Laura Opris, Cristian Silvestru, “Organoantimony(III) compounds containing intramolecular N→Sb interactions. Synthesis and characterization”, *The 3<sup>rd</sup> Conference of “Isotopic and Molecular Processes”*, Cluj-Napoca, Romania, 25-27 Sep. **2003**.
2. **Dana Ban**, Cristian Silvestru, “Chiral organoantimony(III) derivatives stabilized through N→Sb interactions. Synthesis and characterization”, *The 1<sup>st</sup> International Conference of the Moldavian Chemical Society – Achievements and perspectives of modern chemistry*, Chisinau, Moldavia, 06-08 Oct. **2003**.
3. **Dana Ban**, Cristian Silvestru, “Synthesis and characterization of new chiral organoantimony derivatives containing [2-(Me<sub>2</sub>NCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>] moieties”, *Advanced Spectroscopies on Biomedical and Nanostructured Systems*, Cluj-Napoca, Romania, 19-22 Sep. **2004**.
4. **Dana Ban**, Cristian Silvestru, “New hypervalent compounds with [2-(Me<sub>2</sub>NCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>] group”, *The XXVIII National Conference of Chemistry*, Calimanesti-Caciulata, Romania, 06-08 Oct. **2004**.
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6. **Dana Ban**, Cristian Silvestru, “New organoantimony(III) derivatives containing C,N-chelating ligands with bulky substituents on nitrogen”, *The 4<sup>th</sup> Conference of Isotopic and Molecular Processes*, Cluj-Napoca, Romania, 22-24 Sep. **2005**.
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 Jul **2006**.
8. Cristian Silvestru, Alexandrina Tanase, Laura Opris, **Dana Ban**, Hans. J. Breunig, “Organoantimony(III) Metallocycles Containing Sb-E-Sb Fragments (E = Chalcogen)”, *11<sup>th</sup> International Symposium on Inorganic Ring Systems, IRIS XI*, Oulu, Finland, 30 Iulie-4 Aug. **2006**.

9. Miuta Filip, Virginia Coman, **Dana Ban**, "HPLC Monitored Synthesis of some Substituted Benzene Derivatives with Pendant Arms Used as Ligands for Organometallic Compounds", *1<sup>st</sup> European Chemistry Congress*, Budapest, Hungary, 27-31 Aug. **2006**.
10. **Dana Copolovici**, Cristian Silvestru, Richard A. Varga, "Supramolecular Structures of Organoantimony(III) Compounds with Intramolecular Coordination", *1<sup>st</sup> International Conference on Supramolecular Chemistry, SUPCHEM*, Cluj-Napoca, Romania, 12-15 April **2007**.
11. **Dana Copolovici**, Cristian Silvestru, "Synthesis and Structures of Intramolecularly Base-Coordinated Arylantimony(III) Compounds", *Academic Days Timisoara, 10<sup>th</sup> Edition*, Timisoara, Romania, 24-25 May **2007**.
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13. Mihaiela Vlassa, Miuta Filip, **Dana Ban**, Cristian Silvestru, "HPLC Monitored Synthesis of some New Hypervalent Organoantimony(III) Compounds", *11<sup>th</sup> EUCHEMS-DCE, International Conference on Chemistry and the Environment*, Torun, Poland, 09-12 Sep. **2007**.
14. **Dana Maria Copolovici**, 30<sup>th</sup> European Peptide Symposium, Helsinki, Finland, 31 Aug-5 Sep. **2008**.
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: 39<sup>th</sup> 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 (I.F. = 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 May **2011**.
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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**.
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**.
20. Piret Arukuusk, Ly Pämaste, 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**.
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**.
22. **Dana Maria Copolovici**, Cecilia Sirghie, Alexandru Botar, Ioan Vifor Istoc, Mihaela Dochia, "Atomic Force Microscopy and Confocal RAMAN Spectroscopy: Tools in Applied Technologies", International Symposium Research and Education in Innovation Era, 4th Edition, Arad, Romania, 3-4 Nov. **2012**,
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" International Symposium Research and Education in Innovation Era, 4th Edition, Arad, Romania 3-4 Nov. **2012**.
24. Product presentation at Târgul Regional de Inovare „InnoMatch”, 3-4 Aprilie **2013** Arad International. Special mention no. 1 Universităţii "Aurel Vlaicu" din Arad pentru procedeul de albire a pulpei de celuloză obţinută din fibre naturale celulozice sau materiale celulozice, prin oxidare catalitică cu polioxometalaţi, presented by Dr. Dana Copolovici.
25. **Dana-Maria Copolovici**, Cecilia Sirghie, "Atomic Force Microscopy and RAMAN Spectroscopy: Tools in Applied Technologies", A 13-a Ediţie a Zilelor Academice Timişene, Timişoara, Romania, 13-14 June **2013**.
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, 5-6 June **2014**.
27. **Dana Maria Copolovici**, Andreea Ioana Pag, Felicia Dragan, Lucian Copolovici, "Chemical Analysis of *Sambucus ebulus* L. Extracts", 10<sup>th</sup> Edition of Environmental Legislation Safety Engineering and Disaster Management (ELSEDIMA), Cluj-Napoca, Romania, 18-19 Sep. **2014**.

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**.
29. Alina Popescu, Cecilia Sirghie, Mihaela Dochia, **Dana Maria Copolovici**, Laura Chirila, "Aspects Regarding Natural Dyeing of Enzymatically Pre-treated Cellulosic Blended Yarns", The 5<sup>th</sup> International Conference on Advanced Materials and Systems, Bucuresti, Romania, 23–25 Oct. **2014**.
30. **Dana Maria Copolovici**, "Therapeutic Applications of Cell-Penetrating Peptides", 5<sup>th</sup> International U.A.B.-B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, 28-30 May, **2015**.
31. **Dana Maria Copolovici**, "Cell-Penetrating Peptides: Versatile Vectors of Therapeutics", The 8<sup>th</sup> 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 June, **2015**, Timisoara, Romania.
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