

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

1. Articole ISI (Web of Science):

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), I.F. = 0.395.
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), I.F. = 2.433.
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^2C^1, N]antimony(III). *Acta Cryst.* **C64**, m37 (2008), I.F. = 0.930.
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 (R_xR)₄ peptide using a non-covalent co-incubation strategy. *J. Control. Release.* **141**, 42 – 51 (2010), I.F. = 7.901.
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. = 4.052.
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. = 1.219.
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), I.F. = 11.147.
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), I.F. = 8.402.
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. = 1.219.
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. = 4.343.

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. = 1.219.
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. = 4.343.
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. *Biochim. Biophys. Acta-Biomembr.* **1828**(5), 1365-1373 (2013), I.F. = 3.790.
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. = 5.506.
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. = 1.727.
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. = 13.903.
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. = 3.049.
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. = 1.337.
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. chim.*, **66**(7), 1027-1030 (2015), I.F. = 1.605.
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. = 0.634.
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. = 3.712.
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. = 1.605.
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. = 0.504.

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), I.F. = 1.605.
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. = 1.605.
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), (I.F. = 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. = 1.605.
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. = 1.605.
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. = 1.527.
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. = 1.605.
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. = 4.011.
36. Cristian Moisa, Andreea Lupitu, Georgeta Pop, Dorina Chambre, Lucian Copolovici, Gabriela Cioca, Simona Bungau, **Dana Maria Copolovici**, Variation of the Chemical Composition of *Thymus vulgaris* Essential Oils by Phenological Stages, *Rev. chim.*, **70**(2), 633-637 (2019), I.F. = 1.605.
37. Mihaela Bogdan, Laura Endres, Bianca Pasca, Delia Mirela Tit, Diana Uivarosan, **Dana Maria Copolovici**, Lotfi Aleya, Simona Bungau, Study on the Stability and Compatibility of the Cosmetic Products with *Lavandula angustifolia* Oil Kept in PPH Polypropylene Homopolymer Plastic Containers, *Mater. Plast.*, **56**(1), 133-137 (2019), I.F. = 1.393.
38. Ocsana Opreș, Alexandra Ciorîță, Maria-Loredana Soran, Ildikó Lung, **Dana Copolovici**, Lucian Copolovici, Evaluation of the photosynthetic parameters, emission of volatile organic compounds and ultrastructure of common green leafy vegetables after exposure to non-steroidal anti-inflammatory drugs (NSAIDs), *Ecotoxicology*, **28**(6), 631-642 (2019), I.F. = 2.460.
39. Adriana Cecilia Csakvari, Andreea Lupitu, Simona Bungău, Manuel Alexandru Gitea., Daniela Gitea, Delia Mirela Tit, Lucian Copolovici, Sebastian Nemeth, **Dana Maria Copolovici**, Fatty acids profile and antioxidant activity of almond oils obtained from six Romanian varieties, *Farmacia*, **67**(5), 882-887 (2019), I.F. = 1.507.

40. Roxana Cojocariu, Ioana Balmus, Radu Lefter, Luminita Hritcu, Dana Ababei, Alin Ciobica, Simona Copaci, Lucian Copolovici, **Dana Copolovici**, Stefana Jurcoane, Beneficial effects of *Camelina sativa* oil on behavioural (memory, anxiety, depression and social-related) manifestations and oxidative stress parameters in a mice model of irritable bowel syndrome, *Rom. Biotechnol. Lett.* 25(3), 1532-1540 (2020), I.F. = 0.765.
41. Ionel Popescu-Mitroi, Dana Gina Radu, Claudia Mureşan, Andreea Lupitu, **Dana Copolovici**, Lucian Copolovici, Monitoring the content of biogenic amines in red wines subjected to malolactic fermentation, *Bulgarian Journal of Agricultural Science*, **2020**, 26, 1076–1082.
42. Adriana Criste, Lucian Copolovici, **Dana Copolovici**, Melinda Kovacs, Robert H. Madden, Nicolae Corcionivoschi, Ozan Gundogdu, Mihaela Berchez, Adriana Cristina Urcan, Determination of changes in the microbial and chemical composition of Taga cheese during maturation, *Plos One*, **2020**, 15(12), e0242824 (I.F. = 2.740)
43. Dorina Rodica Chambre, Cristian Moisa, Andreea Lupitu, Lucian Copolovici, Georgeta Pop, **Dana-Maria Copolovici**, Chemical composition, antioxidant capacity, and thermal behavior of *Satureja hortensis* essential oil, *Scientific Reports-Nature*, **2020**, 10, 21322 (I.F. = 3.998).
44. Cojocariu Roxana – Oana, Ioana-Miruna Balmuş, Radu Lefter, Luminita Hritcu, Daniela Ababei, Alin Ciobica, Simona Copaci, Silvia Elena Lavinia Mot, Lucian Octav Copolovici, **Dana-Maria Copolovici**, Stefana Jurcoane, Camelina sativa Methanolic and Ethanolic Extract Potential in Alleviating Oxidative Stress, Memory Deficits, and Affective Impairments in Stress Exposure-Based Irritable Bowel Syndrome Mouse Models, *Oxidative Medicine and Cellular Longevity*, **2020**, 9510305 (I.F. = 5.076).

Nota: I.F. = Factor de Impact in accord cu ISI Thompson Citation Report 2019.

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. Georgeta Pop, 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.
5. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Andreea Lupitu, Virgiliu Ciutina, **Dana Copolovici**, Essential Oil Composition, Total Phenolic Content, and Antioxidant Activity -

Determined from Leaves, Flowers and Stems of *Origanum Vulgare L. Var. Aureum.*, *Sciendo*, 2018, 1(1), 555 - 561.

Articole BDI:

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. 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).
3. 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).
4. M. Dochia, M. Pustianu, S. Gavrilaş, 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).
5. M. Pustianu, M. Dochia, S. Gavrilaş, D. Tomescu, **D.M. Copolovici**, Study on the bioscouring treatment of 50 % of hemp + 50 % of cotton fabrics, *Analele Universităţii din Oradea, Fascicula Textile & Pielarie*, XVIII/2, 29-34 (2017).
6. 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).
7. 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).
8. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Zina Moisa, Andreea Lupitu, Dana Copolovici, Chemical polymorphism of *Satureja hortensis L.* essential oils during different phenological stages and vegetation cycles, *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering, vol. 15 (XVI)*, 23-26 (2018).
9. Andreea I. Lupitu, Daniel Tomescu, Claudia Anca Mot, **Dana Maria Copolovici**, Lucian Copolovici, Variation in phenolic content and antioxidant activity of different plant parts of *Primula veris*, *Scientific Papers. Series F., Biotechnology*, 22, 50-53 (2018).
10. Stefan Smetan, **Dana Copolovici**, Ilinca Merima Imbrea, Gabriela Valentina Ciobotariu, Lucian Copolovici, Georgeta, Pop, Chemical composition of lavender oil produced from lavender cultivated in the South of Madrid, *Research Journal of Agricultural Science*, 50(3), 37-42 (2018).
11. Cristian Moisa, L. Copolovici, Andreea Lupitu, **Dana Copolovici**, Ilinca Imbrea, Georgeta Pop, Effect of light intensity on the photosynthetic parameters for plants from the Lamiaceae family, *Research Journal of Agricultural Science*, 51 (1), 154-159 (2019).
12. Simona Cavalu, Simona Vicas, Traian Costea, Luminita Fritea, **Dana Copolovici**, Vasile Laslo, Preparation, Physico-chemical Characterization and Photocatalytic Properties of Se Doped TiO₂ Nanoparticles, *Rev. Chim.*, **71**(1), 22-20 (2020).
13. Ocsana Opris, Ildiko Lung, Maria L. Soran, Lucian Copolovici, **Dana M. Copolovici**, Maria C. Costa, Impact Assessment of Acetaminophen (paracetamol) on *Phaseolus vulgaris L.* and *Triticum aestivum L.* Plants, *Rev. Chim.*, **71**(3), 549-557 (2020).
14. Mihaela Bogdan, Simona Bungau, Delia Mirela Tit, Lucian Copolovici, Tapan Behl, Pavel Otrisal, Lotfi Aleya, Gabriela Cioca, Doina Berescu, Diana Uivarosan, **Dana Maria Copolovici**, Variations in the Chemical Composition of the Essential Oil of *Lavandula angustifolia Mill.*, Moldoveanca 4 Romanian Variety, *Rev. Chim.*, **71**(4), 307-315 (2020).

15. Lucian Copolovici, Corina Popitanu, **Dana Copolovici**, Volatile organic compound emission and residual substances from plants in light of globally increasing CO₂ level, *Current Opinion in Environmental Science & Health*, **19**, 100216 (2020).

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.

Capitole de carte:

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), pp. 409-422.
2. V. Andrei, **D. Copolovici**, F. Munteanu, A.G.Ngounou Wetie, I. Mihai, C.I. Darie, A. Vasilescu, Detection of Biomedically Relevant Stilbenes from Wines by Mass Spectrometry, In: Woods A., Darie C. (eds) *Advancements of Mass Spectrometry in Biomedical Research*, vol 1140. Springer, Cham, **2019**, ISBN 978-3-030-15949-8, pp 665-684.

Brevet de invenție / 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.

Alte articole publicate:

1. 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.
2. 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.
3. Structural Investigation by Atomic Force Microscopy, Dana Maria Copolovici, Cecilia Sirghie in *Scientific Bulletin of ESCORENA*, nr. 8, decembrie 2013.

Abstracte la conferințe științifice

(1) Conferințe indexate ISI

1. 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 (I.F. = 2.199).
2. Anca Mot, Dana Copolovici, Emilian Matosa, Ghiocel Mot, Lucian Copolovici, The chemical composition and pharmaceutical usage of Hawthorn (*Crataegus monogyna* L.) extracts, *European Biotechnology Conference*, 5-7 May 2016, published in: *Journal of Biotechnology*, 231, S59-S59.
3. I M. Balmus, R. Cojocariu, R. Lefter, L. Hritcu, D. Ababei, A. Ciobica, D. Copolovici, L. Copolovici, S. Copaci, S. Jurcoane, The effects of Camelina Sativa seed extract in a complex irritable

bowel syndrome mice model-focussing on preliminary correlations between lipid peroxidation and behavioral parameters, (2020). *E-Poster Viewing. European Psychiatry*, no. EPV0767 63(S1), S433, <https://doi.org/10.1192/j.eurpsy.2020.6>.

(2) Abstracte la conferinte științifice internaționale și naționale:

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**.
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**.
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**.
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**.
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**.
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**.
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) Metallacycles Containing Sb-E-Sb Fragments (E = Chalcogen)”, *11th 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”, *1st 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”, *1st 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, 10th Edition*, Timisoara, Romania, 24-25 May **2007**.
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**.
13. Mihaela 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**.

14. **Dana Maria Copolovici**, 30th European Peptide Symposium, Helsinki, Finland, 31 Aug-5 Sep. **2008**.
15. 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**.
16. 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**.
17. **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**.
18. 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**.
19. 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**.
20. 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**.
21. **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**,
22. **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**.
23. Product presentation at Târgul Regional de Inovare „InnoMatch”, 3-4 Aprilie **2013** Arad International. Special mention 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, presented by Dr. Dana Copolovici.
24. **Dana-Maria Copolovici**, Cecilia Sirghie, “Atomic Force Microscopy and RAMAN Spectroscopy: Tools in Applied Technologies”, A 13-a Ediție a Zilelor Academice Timișene, Timișoara, Romania, 13-14 June **2013**.
25. **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 June **2014**.
26. **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 Sep. **2014**.
27. **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**.
28. 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**.

29. **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**.
30. **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 June, **2015**, Timisoara, Romania.
31. **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 Sep. **2015**,
32. 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**.
33. **Dana Maria Copolovici**, “Cell-Penetrating Peptides for Personalized Medicine”, ”Diaspora în cercetarea științifică și învățământul superior din România – Diaspora și prietenii săi 2016”, Timisoara, Romania, 25-28 April **2016**.
34. 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**,
35. **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**.
36. 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.
37. **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**.
38. 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**.
39. 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**.
40. 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**.
41. 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**.
42. 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**.

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**.
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**.
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**.
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**.
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 Iunie **2017** (prezentare orală).
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 Iunie **2017** (poster).
52. 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**.
53. 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**.
54. 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**.
55. **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**.

56. 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*, Arad, Romania, 17-19 May **2018**.
57. Monica Taschina, **Dana Copolovici**, Lucian Copolovici, The influence of ketoprofen on *Phaseolus vulgaris* L. plants, *7th International Symposium Research and Education in Innovation Era*, Arad, Romania, 17-19 May **2018**.
58. 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*, Arad, Romania, 17-19 May **2018**.
59. 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*, Arad, Romania, 17-19 May **2018**.
60. 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*, Arad, Romania, 17-19 May **2018**.
61. 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*, Arad, Romania, 17-19 May **2018**.
62. Lucian Copolovici, **Dana Copolovici**, The influence of climate change on volatile organic compounds emission from plants, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, 9–11 June **2018**.
63. 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*, Bucharest, Romania, 9–11 June **2018**.
64. 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*, Bucharest, Romania, 9–11 June **2018** (Best poster award).
65. 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*, Bucharest, Romania, 9–11 June **2018** (Best poster award).
66. **Dana Copolovici**, Andreea Lupitu, Cristian Moisa, Nicoleta Mihoc, Lucian Copolovici, Chemical characterizarion, 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**.
67. **Dana Maria Copolovici**, Smart products to penetrate the hard to transfect cells, *The Annual International Conference of the RSBMB*, Bucharest, Romania, 5-7 Sept., 2018.
68. Lucian Copolovici, **Dana Copolovici**, Andreea Lupitu, Georgeta Pop, Cristian Moisa, The versatility components of essential oils, *The Annual International Conference of the RSBMB*, Bucuresti, Romania, 5-7 Sept. **2018**.
69. 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*, Cluj-Napoca, Romania. 27th – 29th Sep. **2018**.
70. 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*, Cluj-Napoca, Romania, 27th – 29th Sep. **2018**.

71. **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*, Cluj-Napoca, Romania, 27th – 29th Sep. **2018**.
72. 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.
73. **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.
74. 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*, Calimanesti-Caciulata, Romania, 2-5 Oct. **2018**.
75. 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*, Calimanesti-Caciulata, Romania, 2-5 Oct. **2018**.
76. 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*, Calimanesti-Caciulata, Romania, 2-5 Oct. **2018**.
77. 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*, Iași, Romania, 31 Oct.– 02 Nov. **2018**.
78. **Dana Maria Copolovici**, Dennis Iosif, Corina Popintanu, Lucian Copolovici, Investigating the Air Quality We Breathe in Romania, *4th International Conference on Chemical Engineering*, Iași, Romania, 31 Oct.– 02 Nov. **2018**.
79. Roxana Cojocariu, Radu Lefter, Alin Ciobica, **Dana Copolovici**, Lucian Copolovici, Simona Copaci, Stefana Jurcoane, Preliminary data on some facilitatory effects of *Camelina* extracts on two different mice model of irritable bowel syndrome on mice, *Conferința științifică a academiei oamenilor de știință din românia*, București, Romania, 4-6 April **2019**.
80. **Dana Copolovici**, Andreea Lupitu, Cristian Moisa, Dana Mot, Silvia Mot, Adina Maria Bodescu, Lucian Copolovici, Essential Oils: Background and Uses, *8th International Symposium Research and Education in Innovation Era*, Arad, Romania, May 23-25, **2019**.
81. Florentina-Daniela Munteanu, Simona Gavrilăș, Lucian Copolovici, Andrea-Raluca Sărsan, **Dana-Maria Copolovici**, New And Traditional Methods Used for Keratin Extraction from Wool Fibers, *8th International Symposium Research and Education in Innovation Era*, Arad, Romania, May 23-25, **2019**.
82. Lucian Copolovici, Florentina Munteanu, Cristian Moisa, **Dana Copolovici**, Volatile Organic Compounds Emission - An Innovative Tool for Plants Stress and Food Characterization, Arad, Romania, *8th International Symposium Research and Education in Innovation Era*, Arad, Romania, May 23-25, **2019**.
83. Simona Gavrilăș, Andrea-Raluca Sărsan, Mihaela Dochia, Lucian Copolovici, **Dana-Maria Copolovici**, Loredana-Nicoleta Lazăr, Florentina-Daniela Munteanu, Natural Dyes Extracted From Food By-Products With Applications for Natural Fiber Dyeing, Arad, Romania, *8th International Symposium Research and Education in Innovation Era*, Arad, Romania, May 23-25, **2019**.
84. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Andreea Pag, Zina Moisa, **Dana Copolovici**, The Phenological Stages Influence Against the Chemical Composition of

- Some Essential Oils Belonging to the Lamiaceae Family, Arad, Romania, *8th International Symposium Research and Education in Innovation Era*, Arad, Romania, May 23-25, **2019**.
85. Andreea Lupitu, Cristian Moisă, Adrian Riviş, **Dana Copolovici**, Lucian Copolovici, Plant Extracts For Human Health, Arad, Romania, *8th International Symposium Research and Education in Innovation Era*, Arad, Romania, May 23-25, **2019**.
 86. Cristian Moisă, Andreea Lupitu, Lucian Copolovici, **Dana Copolovici**, Loredana Lazăr, Essential Oils and Phenolic Compounds, Bio-Sources and Their Applications, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, Bucharest, Romania, May 28-31, **2019**.
 87. Lucian Copolovici, Cristian Moisă, Andreea Lupitu, **Dana Copolovici**, The Implication of Plant Extracts in Human Health, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, Bucharest, Romania, May 28-31, **2019**.
 88. **Dana Copolovici**, Cell-penetrating peptides for human health, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, Bucharest, Romania, May 28-31, **2019**.
 89. Florentina-Daniela Munteanu, Lucian Copolovici, Simona Gavrilaş, Andrea-Raluca Sărsan, Loredana-Nicoleta Lazăr, Cristian Moisa, Dorina Chambre, **Dana-Maria Copolovici**, New approaches for keratin extraction from sheep's wool, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, Bucharest, Romania, May 28-31, **2019**.
 90. Lucian Copolovici, Cristian Moisa, Andreea Lupitu, **Dana Copolovici**, The Influence Of Drought And Flooding Induced By Climate Changes On Plants Development, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania June 6 - 8, **2019**.
 91. Ramona Lile, Lucian Copolovici, Claudia Mureşan, Sergiu Palcu, Monica Lungu, Andreea Lupitu, Cristian Moisa, **Dana Copolovici**, New Method For Brandy Distillation From Different Fruits, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania June 6 - 8, **2019**.
 92. Cristian Moisa, Lucian Copolovici, Andreea Lupitu, **Dana Copolovici**, Influnece of Phenological Stages on The Chemical Composition of Several Essential Oils Belonging to the *Lamiaceae* Family, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania June 6 - 8, **2019**.
 93. **Dana Copolovici**, Cristian Moisa, Andreea Lupitu, Smeurica Schitea, Dana Mot, Silvia Mot, Lucian Copolovici, Composition And Properties Of Some Essential Oils Obtained In Romania, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania June 6 - 8, **2019**.
 94. Andreea I. Lupitu, Cristian Moisa, Adrian Rivis, **Dana Maria Copolovici**, Lucian Copolovici, Fatty Acids Methyl esters and Phenolic Compounds Determined from Different Cold Pressed Oils, *11th Edition of New Trends and Strategies in the Chemistry of advanced materials in biological systems, technique and environmental protection*, Timișoara, Romania, June 6 - 7, **2019**.
 95. **Dana Copolovici**, Ioana Moldovan, Iulia Timofte, Carmen Popa, Andreea Lupitu, Cristian Moisa, Dorina Chambre, Marilena Maereanu, Lucian Copolovici, Exploring the physico-chemical properties and antioxidant activity of fish by-products, *18th International Conferences for sustainable Development*, Cluj-Napoca, Romania, Sept. 26-28, **2019**.
 96. Lucian Copolovici, Andreea Lupitu, Cristian Moisa, **Dana Copolovici**, Volatile organic compounds: from plants signalling to food fragrance, *18th International Conferences for sustainable Development*, Cluj-Napoca, Romania, Sept. 26-28, **2019**.
 97. Andreea Lupitu, Ramona Lile, Cristian Moisa, **Dana Copolovici**, Virgiliu Ciutina, Adrian Rivis, Lucian Copolovici, Analysis of grape-based spirits macerated with aromatic

- plants, *18th International Conferences for sustainable Development*, Cluj-Napoca, Romania, Sept. 26-28, **2019**.
98. Cristian Moisa, Andreea Lupitu, **Dana Copolovici**, Lucian Copolovici, Aromatic plants – bio-resources of essential oils and phenolic compounds, *18th International Conferences for sustainable Development*, Cluj-Napoca, Romania, Sept. 26-28, **2019**.
 99. Florentina-Daniela Munteanu, Simona Gavrilas, Raluca Sarsan, Loredana Lazar, Cristian Moisa, Dorina Chambre, **Dana Maria Copolovici**, Lucian Copolovici, Extraction method for keratin from sheep's wool, *18th International Conferences for sustainable Development*, Cluj-Napoca, Romania, Sept. 26-28, **2019**.
 100. Lucian Copolovici, Adriana Csakvari, Leonard Olariu, Georgeta Pop, Dorina Chambre, **Dana Copolovici**, The characterisation of *Cannabis sativa* leaves extracts and their silver nanoparticles products for potential biological applications, *The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology*, Iasi, Romania, Sept. 26-27, **2019**.
 101. Cristian Moisa, Florentina Munteanu, **Dana Copolovici**, Florin Oancea, Lucian Copolovici, The protective role of mushroom extracts against plants cold stress, *The Vth Edition of New Trends in Environmental and Materials Engineering*, Galati, Romania, 23th – 25th October **2019**.
 102. **Dana Copolovici**, Corina Popitanu, Dennis Iosif, Andreea Lupitu, Cristian Moisa, Florentina Munteanu, Lucian Copolovici, Volatile organic compounds in urban atmosphere of Arad, Romania; *The Vth Edition of New Trends in Environmental and Materials Engineering*, Galati, Romania, 23th – 25th October **2019**.
 103. **Dana Copolovici**, Adriana Csakvari, Leonard Olariu, Cristian Moisa, Andreea Lupitu, Georgeta Pop, Dorina Chambre, Lucian Copolovici, Green synthesis of metal nanoparticles; *The XIIth edition Environment & Progress*, Cluj Napoca, Romania, 15 November **2019**.
 104. Lucian Copolovici, Cristian Moisa, Andreea Lupitu, Gratiana Buda, Iuliana Patru, **Dana Copolovici**, Effects of climate changes on plants secondary metabolites; *The XIIth edition Environment & Progress*, Cluj Napoca, Romania, 15 November **2019**.
 105. Andreea Lupitu, Lucian Copolovici, Cristian Moisa, **Dana Copolovici**, Ramona Lile, The emission of particle matter and total volatile organic compounds from power stations and their impact to the environment; *The XIIth edition Environment & Progress*, 15 November 2019, Cluj Napoca, Romania, 15 November **2019**.
 106. Cristian Moisa, Lucian Copolovici, Andreea Lupitu, **Dana Copolovici**, Post-distillation waste materials – green sources of biological active compounds; *The XIIth edition Environment & Progress*, Cluj Napoca, Romania, 15 November **2019**.
 107. Monica Taschina, Lucian Copolovici, Andreea Lupitu, Cristian Moisa, **Dana Copolovici**, The influence of residual anti-inflammatory drugs on *Phaseolus vulgaris* L. plants; *The XIIth edition Environment & Progress*, Cluj Napoca, Romania, 15 November **2019**.
 108. Daniela Ilie, Elena Daniela Anton, Rodica Tatia, **Dana Maria Copolovici**, Florentina Munteanu, Lucian Copolovici, Oana Craciunescu, Antioxidant and radioprotective activity of polyphenolic extracts of vegetable peels, *21st Romanian International Conference on Chemistry and Chemical Engineering*, Constanta, Romania, 4-7 Sept, **2019**.
 109. Lucian Copolovici, Andreea Lupitu, Cristian Moisa, Dana Copolovici, The volatile organic compounds emission from plants under biotic stresses, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, June 4-6, **2020**.
 110. Ramona Lile, Claudia Mureşan, Sergiu Palcu, Claudiu Ursachi, Florentina Munteanu, Dana Copolovici, Monica Lungu, Andreea Lupitu, Cristian Moisa, Lucian

- Copolovici, New traditional meat products with added value, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, June 4-6, **2020**.
111. Dana Copolovici, Cristian Moisa, Andreea Lupitu, Lucian Copolovici, Fish protein hydrolysates: production and applications, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, June 4-6, **2020**.
 112. Cristian Moisa, Dana Copolovici, Andreea Lupitu, Lucian Copolovici, Functional berry lavender gummy bears rich in phenolic compounds with low sugar content, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, June 4-6, **2020**.
 113. Silvia Elena Lavinia Moț, Andreea Lupitu, Cristian Moisa, Daniela Moț, Adina Maria Bodescu, Dorina Chambre, Smeurica Schitea, Lucian Copolovici, Dana Maria Copolovici, Chemical analyses and potential applications of plant extracts, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, June 4-6, **2020**.
 114. Monica Taschina, Dana Copolovici, Andreea Lupitu, Cristian Moisa, Lucian Copolovici, The influence of paracetamol metabolites to plants development, *Agriculture for Life, Life for Agriculture*, Bucharest, Romania, June 4-6, **2020**.
 115. Lucian Copolovici, Corina Popitanu, Cristian Moisa, Andreea Lupitu, Dana Copolovici, The influence of biotics stress on plants metabolites, *The 19th International "Life Sciences for sustainable development"* Cluj-Napoca, Romania, 24th– 25th September, **2020**.
 116. Cristian Moisa, Andreea Lupitu, Dana Copolovici, Lucian Copolovici, The effect of light intensity on the accumulation of secondary metabolites for several medicinal and aromatic plants, *The 19th International "Life Sciences for sustainable development"* Cluj-Napoca, Romania, 24th– 25th September, **2020**.
 117. Dana Maria Copolovici, Adriana Csakvari, Dana G. Radu, Cristian Moisa, Georgeta Pop, Dorina Chambre, Andreea I. Lupitu, Lucian Copolovici, Green synthesis, chemical and biological properties of silver nanoparticles from *Cannabis sativa* leaf extracts, *The 19th International "Life Sciences for sustainable development"* Cluj-Napoca, Romania, 24th– 25th September, **2020**.
 118. Andreea I. Lupitu, Cristian Moisa, Dana Maria Copolovici, Lucian Copolovici, The effect of drought stress on the photosynthetic parameters of *Ocimum basilicum* L., *The 19th International "Life Sciences for sustainable development"* Cluj-Napoca, Romania, 24th– 25th September, **2020**.
 119. Maria Chifor, Andreea Lupitu, Cristian Moisa, Dana Copolovici, Sergiu Palcu, Claudia Mureșan, Lucian Copolovici, Improving the sensory and chemical characteristics of fruit spirits by macerating dehydrated fruits, *The 19th International "Life Sciences for sustainable development"* Cluj-Napoca, Romania, 24th– 25th September, **2020**.
 120. Cristian Moisa, Andreea Lupitu, Lucian Copolovici Dana Copolovici, Obtaining plant-based reagents from natural waste materials for green synthesis applications, *The 19th International "Life Sciences for sustainable development"* Cluj-Napoca, Romania, 24th– 25th September, **2020**.

Data:

Prof.Dr.Habil. Dana Maria Copolovici

05.02.2021