

LISTA DE LUCRARI STIINTIFICE Dr. Daniela Angelica PRICOP

Lucrari publicate in jurnale ISSI

1. Loredana Nicoleta Hilițanu, Liliana Mititelu-Tarțău, Grația Eliza Popa, Beatrice Rozalina Buca, Liliana Lăcrămioara Pavel, Ana-Maria Pelin, Andreea-Daniela Meca, Maria Bogdan, **Daniela Angelica Pricop**, *The Analysis of Chitosan-Coated Nanovesicles Containing Erythromycin-Characterization and Biocompatibility in Mice*, *Antibiotics* (Basel). 2021 Nov 30;10(12):1471. doi: 10.3390/antibiotics10121471. **FI 5,222(2021) AIS 0,828(2021)**
2. Alexandru Cocean, Iuliana Cocean, Georgiana Cocean, Cristina ostolachi, **Daniela Angelica Pricop**, Bogdanel Silvestru Munteanu, Nicanor Cimpoesu, Silviu Gurlui **Study of physico-chemical interactions during the production of silver citrate nanocomposites with hemp fiber*, *Nanocomposite Materials*(2021) 11(10), 2560; <https://doi.org/10.3390/nano11102560> **IF=5.719(2021); AIS = 0,737 (2021)**
3. Liliana Mititelu-Tartau, Maria Bogdan, **Daniela Angelica Pricop***, Beatrice Rozalina Buca, Ana-Maria Pauna, Lorena Anda Dijmarescu, Ana Pelin, Liliana Lacramioara Pavel, Gratiela Eliza Popa, *Assessment of the in vivo release and the biocompatibility for novel nano-vesicles containing zinc in rats*, *Molecules* 2021, 26(13), 4101 <https://doi.org/10.3390/molecules26134101> **FI 4.927(2021) AIS=0.694(2021)**
4. Liliana Mititelu-Tartau, Maria Bogdan, **Daniela Angelica Pricop***, Beatrice Rozalina Buca, Loredana Hilitanu, Ana-Maria Pauna, Lorena Anda Dijmarescu and Eliza Gratiela Popa, *Biocompatibility and Pharmacological Effects of Innovative Systems for Prolonged Drug Release Containing Dexketoprofen in Rats*, *Polymers* 2021, 13, 1010. <https://doi.org/10.3390/polym13071010> **AIS=0.597 FI 4.967(2021) AIS=0.597(2021)**
5. Lacramioara Oprica, Maria Andries, Liviu Sacarescu, Larisa Popescu, Daniela Pricop, Dorina Creanga, Maria Balasoiu, *Citrate-silver nanoparticles and their impact on some environmental beneficial fungi*, [Saudi J Biol Sci.](https://doi.org/10.3390/molecules26134101) 2020 Dec; 27(12): 3365–3375. **FI 4,219(2022) AIS= 0.649(2022)**
6. **Pricop, D.A** Lupusoru, R.V. Uritu, C.M. Arvinte, A. Coroaba, A. Esanu, I. Zaltariov, M.F. Silion, M. Stefanescu, C. Pinteala, M., *Effect of TAT-DOX-PEG irradiated gold nanoparticles conjugates on human osteosarcoma cells*, *Scientific Reports*, 2020, DOI: 10.1038/s41598-020-63245-8 **FI 4,379(2020) AIS= 1.285(2020)**
7. Raoul-Vasile Lupușoru, Laurențiu Simion, **Daniela Angelica Pricop***, Aurica Chiriac, Vladimir Poroch, *Aging study of gold nanoparticles functionalized with chitosan in aqueous solutions*, *Revista de Chimie -Bucharest- Original Edition-* 68(10):2385-2388 (2017)· **FI 1,229 (2017) AIS= 0.064(2017)**
8. Maria Andries, **Daniela Pricop**, Lacramioara Oprica, Dorina-Emilia Creanga, Felicia Iacomia, *The effect of visible light on gold nanoparticles and some bioeffects on environmental fungi*, [International Journal of Pharmaceutics](https://doi.org/10.3390/molecules26134101), Volume 505, 2016, Pages 255–261. **FI 4,05 AIS=0.8(2016)**
9. Raoul-Vasile Lupusoru, **Daniela A. Pricop***, Maria Andries, Dorina Creanga, *Light wavelength influence on surface plasmon resonance in citrate–gold nanosystems*, *Journal of Molecular Structure*, 2016, vol 1126, page192-199 **FI 1,753(2016) AIS=0,3(2016)**

10. Maria Andries¹, **Daniela Pricop**, Marian Grigoras, Nicoleta Lupu, Liviu Sacarescu, Dorina Creanga and Felicia Iacomì, Comparative study on the uptake and bioimpact of metal nanoparticles released into environment, AIP Publishing, vol 1700, (2015) DOI:[10.1063/1.4938462](https://doi.org/10.1063/1.4938462) **FI 0.881(2015) AIS = 0.5(2015)**

11. C.M. Popescu, D. Creanga, L. Hritcu, **D.A. Pricop**, Morphological Changes in Gold Core – Chitosan Shell Nanostructures at the Interface with Physiological Media. In Vitro and In Vivo Approach, Applied Surface Science, Volume 352, (2015), Pages 103–108 **FI 2,437 AIS=0.61 (2011)**
12. L. Hritcu; M. Stefan; **Daniela Pricop**; Anca Neagu; M. Mihasan; Liliana Tartau; V. Melnig, Attenuated effects of chitosan-capped gold nanoparticles on LPS-induced toxicity in laboratory rats, Materials Science and Engineering C (2013) 33(1):550-6 **FI 2,015 AIS=0,597 (2011)**

13. M. Stefan, L. Hritcu, M. Mihasan, **Daniela Pricop**, Irina Gostin, R-I. Olariu, Simona Dunca, V.Melnig, *Enhanced antibacterial effect of silver nanoparticles obtained by electrochemical synthesis in poly(amide-hydroxyurethane) media*, Journal of Materials Science: Materials in Medicine, Volume 22, Issue 4 (2011), Pages 789-796, **FI = 2.163 AIS=0,514 (2016)**

14. Laura Obreja, **Dana Pricop**, N. Foca, V. Melnig, *Platinum nanoparticles synthesis by sonoelectrochemical methods*, Materiale Plastice, 47(1), 2010, p. 42 - 47. ISSN 0025/5289. **FI= 0,5 AIS=0.055 (2016)**

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2. **Dana Pericop*** and Maria Andries, *Endocytosis and exocytosis of gold nanoparticles*, Romanian j. Biophys., Vol. 25, No. 1, P. 63–71, Bucharest, 2015
3. Carmen Popescu, Lăcrămioara Oprică, **Daniela Pricop**, Gina Bălan, Rodica Mureșan, Dorina Creangă, Microscopy investigation of cellulolytic fungi action on cotton fibers, RJ.B., Vol. 25, No. 1, P. 65–71, BUCHAREST, 2014
4. Liliana Tartau, **Daniela Bindar**, V. Melnig, *Morphologic analysis and in vivo subacute toxicity evaluation of nanovesicles encapsulating the K-opioid agonist U50488*, Acta Chemica Iasi, Vol 18(2), 2013
5. A. Cazacu, **D. Bîndar**, L. Tarțau, L. Hrițcu, M. Ștefan, L. Niță, C. Ionescu, V. Nica, G.Rusu, **M. Dobromir**, V. Melnig (2011): *Effect on nerve structures of functionalized gold-chitosan nanoparticles obtained by one pot synthesis*. Analele Științifice ale Universității Alexandru Ioan Cuza, Secțiunea Genetică și Biologie Moleculară, XII(1), pg.45-51.

6. **D. Bîndar**, A. Gârlea, L. Tarțău, V. Melnig, *Acetaminophen entrapped in soft matter vesicles design based on nociceptive model in mice*, Academic Journal of Manufacturing Engineering, vol.8 Issue 1, 2010, pp. 12-17 ISSN 1583-7904.
7. **D. Pricop**, M. Ștefan, M. Mihasan, L. Hrițcu, R. Olariu, V. Melnig, *Antibacterial activity of silver nanoparticles obtained by electrochemical synthesis*, The 16th International Conference the Knowledge-Based Organization: Applied Technical Sciences and Advanced Military Technologies, November 25-27 2010, Sibiu, Romania, Conference Proceedings Book Series: Knowledge Based Organization International Conference Volume: 7, ISSN 1843-6722. ISI Thomson Reuters Conference Proceedings Citation Index.
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10. L.Tarțău, C.E Lupușoru., **D.Bîndar**, V.Melnig, *Biocompatibility investigation and in vivo evaluation of ketoprofen entrapped in lipid vesicles*, Annals of the Romanian Society for Cell Biology, Volume XVIII, Issue 2, December 2010.
11. **D. Bîndar**, A. Gârlea, L. Tarțău, A. Chiriac, L. Niță, V. Melnig, *Effect of acetaminophen soft matter vesicles carrier in a somatic pain model in mice*, Annals of the Romanian Society for Cell Biology, Vol. XIV, Issue 2, p. 256-260, 2009 .

