

Prof. dr Slaviša Stanković – bibliografija 2009 – 2018 (M21-M23)

Istraživačke oblasti:
BIOLOGIJA MIKROORGANIZAMA
MOLEKULARNA MIKROBIOLOGIJA I BIOTEHNOLOGIJA

1. Fira, Đ., Dimkić, I., Berić, T., Lozo, J., **Stanković, S.** (2018), Biological control of plant pathogens by *Bacillus* species, *Journal of Biotechnology*, 285, 44-55.
2. Nikolić, I., Berić, T., Dimkić, I., Popović, T., Lozo, J., Fira, Đ., **Stanković, S.** (2018), Biological control of *Pseudomonas syringae* pv. *aptata* on sugar beet with *Bacillus pumilus* SS-10.7 and *Bacillus amyloliquefaciens* (SS-12.6 and SS-38.4) strains, *Journal of Applied Microbiology*, DOI: 10.1111/jam.14070
3. Ilić, B., Dimkić, I., Unković, N., Ljaljević Grbić, M., Vukojević, J., Vujišić, Lj., Tešević, V., **Stanković, S.**, Makarov, S., Lučić, L. (2018), Millipedes vs. pathogens: Defensive secretions of some julids (Diplopoda: Julida) as potential antimicrobial agents, *Journal of Applied Entomology*, 142 (8), 775-791.
4. Ristivojević, P., Dimkić, I., Guzelmeric, E., Trifković, J., Knežević, M., Berić, T., Yesilada, E., Milojković-Opsenica, D., **Stanković, S.** (2018), Profiling of Turkish propolis subtypes: Comparative evaluation of their phytochemical compositions, antioxidant and antimicrobial activities, *LWT - Food Science and Technology*, 95, 367-379.
5. Berić, T., Biočanin, M., **Stanković, S.**, Dimkić, I., Janakiev, T., Fira, Đ., Lozo, J. (2018), Identification and antibiotic resistance of *Bacillus* spp. isolates from natural samples, *Archives of Biological Sciences*, 70(3):581-588.
6. Ljaljević Grbić, M., Unković, N., Dimkić, I., Janaćković, P., Gavrilović, M., Stanojević, O., Stupar, M., Vujišić, Lj., Jelikić, A., **Stanković, S.**, Vukojević, J. (2018), Frankincense and myrrh essential oils and burn incense fume against microinhabitants of sacral ambients. Wisdom of the ancients? *Journal of Ethnopharmacology* 219, 1–14.
7. Nikolić, I., **Stanković, S.**, Dimkić, I., Berić, T., Stojšin, V., Janse, J., Popović, T. (2018), Genetic diversity and pathogenicity of *Pseudomonas syringae* pv. *aptata* isolated from sugar beet, *Plant Pathology*, 67 (5), 1194-1207.
8. Unković, N., Dimkić, I., Stupar, M., **Stanković, S.**, Vukojević, J., Ljaljević Grbić, M. (2018), Biodegradative potential of fungal isolates from sacral ambient: *In vitro* study as risk assessment implication for the conservation of wall paintings, *PLoS ONE* 13(1): e0190922.

9. Talevska, A., Pejin, B., Kojic, V., Beric, T., **Stankovic. S.** (2018), A contribution to pharmaceutical biology of freshwater sponges, *Natural Product Research*, 32 (5), 568-571
10. Kuzmanović, M., Božanić, D. K., Milivojević, D., Mitić Ćulafić, D., **Stanković, S.**, Ballesterose, C., Gonzalez-Benito, J. (2017), Sodium-alginate biopolymer as a template for the synthesis of nontoxic red emitting Mn²⁺-doped CdS nanoparticles, *RSC Advances*, 7, 53422-53432.
11. Popović, T., Jelušić, A., Milovanović, P., Janjatović, S., Budnar, M., Dimkić, I., **Stanković, S.** (2017), First Report of *Pectobacterium atrosepticum* Causing Bacterial Soft Rot on Calla Lily in Serbia, *Plant Disease*, 101 (12), 2145-2146.
12. Draganić, V., Lozo, J., Biočanin, M., Dimkić, I., Garalejić, E., Fira, Đ., **Stanković, S.**, Berić, T. (2017), Genotyping of *Bacillus* spp. isolate collection from natural samples, *Genetika*, 49 (2), 445-456.
13. Dimkić, I., **Stanković, S.**, Nišavić, M., Petković, M., Ristivojević, P., Fira, Đ., Berić, T. (2017), The profile and antimicrobial activity of *Bacillus* lipopeptide extracts of five potential biocontrol strains, *Frontiers in Microbiology*, 8, 925.
14. Unković, N., Erić, S., Šarić, K., Stupar, M., Savković, U., **Stanković, S.**, Stanojević, O., Dimkić, I., Vukojević, J., Ljaljević Grbić, M., (2017), Biogenesis of secondary mycogenic minerals related to wall paintings deterioration process, *Micron*, 100, 1-9.
15. Talevska, A., Pejin, B., Beric, T., **Stankovic, S.** (2017), Further insight into the bioactivity of the freshwater sponge *Ochridaspongia rotunda*, *Pharmaceutical Biology*, 55:1, 1313-1316.
16. **Stanković, S.**, Dimkić, I., Vujisić, Lj., Pavković-Lučić, S., Jovanović, Z., Stević, T., Sofrenić, I., Mitić, B., Tomić, V. (2016), Chemical defence in a millipede: evaluation and characterization of antimicrobial activity of the defensive secretion from *Pachyiulus hungaricus* (Karsch, 1881) (Diplopoda, Julida, Julidae). *PLoS ONE* 11(12): e0167249.
17. Cirkovic, I., Bozic, D., Draganic, V., Lozo, J., Beric, T., Kojic, M., Arsic, B., Garalejic, E., Djukic, S., **Stankovic, S.** (2016), Licheniocin 50.2 and bacteriocins from *Lactococcus lactis* subsp. *lactis* biovar. *diacetylactis* BGBU1-4 inhibit biofilms of coagulase negative staphylococci and *Listeria monocytogenes* clinical isolates. *PLoS ONE* 11(12): e0167995
18. Dimkić, I., Ristivojević, P., Janakiev, T., Berić, T., Trifković, J., Milojković-Opsenica, D, **Stanković, S.**, (2016), Phenolic profiles and antimicrobial activity of various plant resins as potential botanical sources of Serbian propolis, *Industrial Crops and Products*, 94, 856–871.

19. Savković, Ž., Unković, N., Stupar, M., Franković, M., Jovanović, M., Erić, S., Šarić, K., **Stanković, S.**, Dimkić, I., Vukojević, J., Ljaljević Grbić, M. (2016). Diversity and biodeteriorative potential of fungal dwellers on ancient stone stela, International Biodeterioration and Biodegradation, 115, 212-223.
20. Stanojević, O., Milijašević-Marčić, S., Potočnik, I., Stepanović, M., Dimkić, I., **Stanković, S.**, Berić, T. (2016). Isolation and identification of *Bacillus* spp. from compost material, compost and mushroom casing soil active against *Trichoderma* spp. Archives of Biological Sciences, 68 (4): 845-852.
21. Ristivojević, P., Dimkić, I., Trifković, J., Berić, T., Vovk, I., Milojković-Opsenica, D., **Stanković, S.** (2016). Antimicrobial Activity of Serbian Propolis Evaluated by Means of MIC, HPTLC, Bioautography and Chemometrics. PLoS ONE 11(6): e0157097.
22. **Stanković, S.**, Pešić, D., Berić, T., Simić, D., (2016), Determination of cyclodextrin production by cyclodextrin glycosyltransferase from alkalophilic *Bacillus circulans* strain B-65, Botanica Serbica 40 (1), 49-54.
23. Dimkić, I., Berić, T., Stević, T., Pavlović, S., Šavikin, K., Fira, D., **Stanković, S.** (2015), Additive and synergistic effects of *Bacillus* spp. isolates and essential oils on the control of phytopathogenic and saprophytic fungi from medicinal plants and marigold seeds, Biological Control, 87, 6-13.
24. Ivanović, Ž., Popović, T., Janse, J., Kojić, M., **Stanković, S.**, Fira, D. (2015), Molecular assessment of genetic diversity of *Xanthomonas arboricola* pv. *juglandis* strains from Serbia by various DNA fingerprinting techniques, Eur. J. Plant. Pathol., 141, 133-145.
25. Stojšin, V., Balaž, J., Budakov, D., **Stanković, S.**, Nikolić, I., Ivanović, Ž., Popović, T. (2015), First report of *Pseudomonas syringae* pv. *aptata* causing bacterial leaf spot on sugar beet in Serbia, Plant Disease, 99, (2) 281.
26. Lozo, J., Berić, T., Terzić-Vidojević, A., **Stanković, S.**, Fira, Dj., Stanisljević, Lj. (2015), Microbiota associated with pollen, bee bread, larvae and adults of solitary bee *Osmia cornuta* (Hymenoptera: Megachilidae), Bull. Ent. Res., 105 (4) 470- 476.
27. Stević, T., Berić, T., Šavikin, K., Soković, M., Gođevac, D., Dimkić, I., **Stanković, S.** (2014), Antifungal activity of selected essential oils against fungi isolated from medicinal plant, Industrial Crops & Products, 55, 116-122.
28. Berić, T., **Stanković, S.**, Draganić, V., Kojić, M., Lozo, J., Fira, D., (2014), Novel antilisterial bacteriocin licheniocin 50.2 from *Bacillus licheniformis* VPS50.2 isolated from soil sample, Journal of Applied Microbiology, 116, 502-510.
29. Dimkić, I., Živković, S., Berić, T., Ivanović, Ž., Gavrilović, V., **Stanković, S.**, Fira, D., (2013), Characterization and evaluation of two *Bacillus* strains, SS-12.6 and SS-13.1, as potential agents for the control of phytopathogenic bacteria and fungi, Biological Control, 65, 312-321.

30. Pavić, A., **Stanković, S.**, Saljnikov, E., Krüger, D., Buscot, F., Tarkka, M., Marjanović, Z. (2013), Actinobacteria may influence white truffle (*Tuber magnatum* Pico) nutrition, ascocarp degradation and interactions with other soil fungi, *Fungal Ecology*, 6 (6), 527-538.
31. Popović, T., Jošić, D., Starović, M., Milovanović, P., Dolovac, N., Poštić, D., **Stanković, S.**, (2013), Phenotypic and genotypic characterization of *Xanthomonas campestris* strains isolated from cabbage, kale and broccoli, *Arch. Biol. Sci., Belgrade*, 65 (2), 585-593.
32. Gavrilović, V., Ivanović, Ž., Popović, T., Živković, S., **Stanković, S.**, Berić, T., Fira, Đ., (2013), Genetic characterization of pathogenic fluorescent pseudomonads isolated from necrotic cherry and plum buds in Serbia, *Genetika*, 45 (3), 953-961.
33. Ivanović, Ž., **Stanković, S.**, Živković, S., Gavrilović, V., Kojić, M., Fira, D., (2012), Molecular characterization of *Pseudomonas syringae* isolates from fruit trees and raspberry in Serbia, *Eur. J. Plant. Pathol.*, 134, 191-203.
34. Berić, T., Kojić, M., **Stanković, S.**, Topisirović, Lj., Degrassi, G., Myers, M., Venturi, V., Fira, Dj., (2012), Antimicrobial Activity of *Bacillus* sp. Natural Isolates and Their Potential for Use in Biocontrol of Phytopathogenic Bacteria, *Food Technol. Biotehnol.*, 50, 25-31.
35. Dragutinović, V., Vrvić, M. M., Swiecicka, I., Cvetković, O., Berić, T., **Stanković, S.**, (2012), Characterization of New *Bacillus circulans* Strain Isolated from Oil Shale, *Food Technol. Biotehnol.*, Food Technol. Biotehnol., 50, 123-127.
36. Stević, T., Pavlović, S., **Stanković, S.**, Šavikin, K., (2012), Pathogenic Microorganisms of Medicinal Herbal Drugs, *Arch. Biol. Sci., Belgrade*, 64 (1), 49-58.
37. **Stanković, S.**, Zlatković, S., Šabić, D., Milinčić, M., Vučadinović, S., Knežević-Vukčević, J., (2012), Geographical and Biological Analysis of the Water Quality of Moravica Spring in the Sokobanjska Moravica Drainage Basin, Serbia, *Arch. Biol. Sci., Belgrade*, 64 (1), 59-64.
38. Tasić, S., Kojić, M., **Stanković, S.**, Obradović, D., (2012), Identification and Molecular Characterization of *Chryseobacterium vrystaatense* ST1 Isolated from Oligomineral Water of Southeast Serbia, *Arch. Biol. Sci., Belgrade*, 64 (3), 877-883.
39. **Stanković, S.**, Mihajlović, S., Draganić, V., Dimkić, I., Vukotić, G., Berić, T., Fira, Đ., (2012), Screening of the presence of biosynthetic genes for antimicrobial lipopeptides in natural isolates of *Bacillus* sp., *Arch. Biol. Sci.*, 64 (4), 1425-1432.
40. Pavić, A., **Stanković, S.**, Marjanović, Ž., (2011), Biochemical characterization of a sphingomonad isolate from the ascocarp of white truffle (*Tuber magnatum* Pico), *Arch. Biol. Sci.*, 63, 697-704.
41. Zlatković, S., Šabić, D., Milinčić, M., Knežević-Vukčević, J., **Stanković, S.** (2010), Geographical and Biological Analysis of the Water Quality of Bovan Lake, *Arch. Biol. Sci.*, 62, 1083-1090.

42. Berić. T., Urdaci, M.C., **Stanković, S.**, Knežević-Vukčević, J., (2009), RAPD analysis of genetic diversity and qualitative assessment of hydrolytic activities in a collection of *Bacillus* sp. isolate, Arch. Biol. Sci., 61, 645-652.
43. Ivanović, Ž., Živković, S., Starović, M., Jošić, D., **Stanković, S.**, Gavrilović, V., (2009), Diversity among *Pseudomonas syringae* strains originating from fruit trees in Serbia, Arch. Biol. Sci., Belgrade, 61, 863-870.