

Najman SJ, Cvetković VJ, Najdanović JG, Stojanović S, Vukelić-Nikolić MĐ, Vučković I, Petrović D. Ectopic osteogenic capacity of freshly isolated adipose-derived stromal vascular fraction cells supported with platelet-rich plasma: a simulation of intraoperative procedure. *Journal of Cranio-Maxillofacial Surgery* 2016. In Press, Accepted Manuscript doi: 10.1016/j.jcms.2016.08.011. IF 1.592

Najdanović JG, Cvetković VJ, Stojanović S, Vukelić-Nikolić MĐ, Čakić-Milošević MM, Živković J, Najman S. Effects of bone tissue engineering triad components on vascularization process: comparative gene expression and histological evaluation in an ectopic bone forming model. *Biotechnology & Biotechnological Equipment* 2016 <http://dx.doi.org/10.1080/13102818.2016.1213662> IF 0.373

Takić Miladinov D, Tomić SLj, Stojanović S, Najdanović J, Filipović J, Trajanović M, Najman S. Synthesis, swelling properties and evaluation of genotoxicity of hydrogels based on (meth)acrylates and itaconic acid. *Materials Research* 2016; DOI: 10.1590/1980-5373-MR-2016-0222. IF 0.873

Vuković JS, Babić MM, Antić KM, Filipović JM, Stojanović ST, Najman SJ, Tomić SLj. In vitro cytotoxicity assessment of intelligent acrylate based hydrogels with incorporated copper in wound management. *Materials Chemistry and Physics* 2016; 175:158–163. IF 2.357

Cvetković V, Najdanović J, Vukelić-Nikolić M, Stojanović S, Najman S. Osteogenic potential of in vitro osteo-induced adipose-derived mesenchymal stem cells combined with platelet-rich plasma in an ectopic model. *International Orthopaedics* 2015; 39(11):2173-2180. IF 2.387

Najdanović J, Cvetković V, Stojanović S, Vukelić-Nikolić M, Stanisavljević M, Živković J, Najman S. The Influence of adipose-derived stem cells induced into endothelial cells on ectopic vasculogenesis and osteogenesis. *Cellular and Molecular Bioengineering* 2015; 8(4):577-590. IF 1.589

Barbeck M, Najman S, Stojanović S, Mitić Ž, Živković JM, Choukroun J, Kovačević P, Sader R, Kirkpatrick CJ, Ghanaati S. Addition of blood to a phycogenic bone substitute leads to an increased in vivo vascularization. *Biomedical materials* 2015; 10(5):055007. IF 3.361

Živković J, Najman S, Vukelić M, Stojanović S, Aleksić M, Stanisavljević M, Najdanović J. Osteogenic effect of inflammatory macrophages loaded onto mineral bone substitute in subcutaneous implants. *Archives of biological sciences* 2015; 67(1):173-186. IF 0.503

Rajković J, Stojanović S, Đorđević Lj, Cvetković T, Najman S. Locally applied cholecalciferol and alfacalcidol act differently on healing of femur defects filled with bone mineral matrix and platelet-rich plasma in ovariectomized rats. *Biotechnology & Biotechnological Equipment* 2015; 29(5):963-969. IF 0.373

Savić V, Nikolić V, Arsić I, Stanojević Lj, Najman S, Stojanović S, Mladenović-Ranisavljević I. Comparative Study of the Biological Activity of Allantoin and Aqueous Extract of the Comfrey Root. *Phytotherapy Research* 2015; 29(8):1117-1122. IF 2.694

Damnjanovic I, Najman S, Stojanovic S, Stojanovic D, Veljkovic A, Kocic H, Langerholc T, Damnjanovic Z, Pesic S. Crosstalk between possible cytostatic and antiinflammatory potential of ketoprofen in the treatment of culture of colon and cervix cancer cell lines. Bratislavske Lekarske Listy 2015; 116(4):227-232. IF 0.474

Ilić D, Stojanović S, Najman S, Nikolić V, Stanojević Lj, Tačić A, Nikolić Lj. Biological evaluation of synthesized allicin and its transformation products obtained by microwaves in methanol: antioxidant activity and effect on cell growth. Biotechnology & Biotechnological Equipment 2015; 29(1):189-194. IF 0.373

Vukelić-Nikolić M, Kolarević A, Tomović K, Yancheva D, Cherneva E, Najman S, Smelcerović A. Effects on MC3T3-E1 Cells and In silico Toxicological Study of Two 6-(Propan-2-yl)-4-methyl-morpholine-2,5-diones. Natural product communications 2015; 10(8):1423-1426 IF 0.884

Stojanović IZ, Najman S, Jovanović O, Petrović G, Najdanović J, Vasiljević P, Smelcerović A. Effects of Depsidones from Hypogymnia physodes on HeLa Cell Viability and Growth. Folia Biologica (Praha) 2014; 60(2):89-94 IF 1.000

Damnjanovic I, Kocic G, Najman S, Stojanovic S, Stojanovic D, Veljkovic A, Conic I, Langerholc T, Pesic S. Chemopreventive potential of alpha lipoic acid in the treatment of culture of colon and cervix cancer cell lines. Bratislavske Lekarske Listy 2014; 115(10):611-616. IF 0.439

Kostić M, Najman S, Najdanović J, Krunić N, Kostić I. Application of direct contact test in evaluation of cytotoxicity of acrylic denture base resins. Acta Medica Medianae 2012; 51(1):66-72.

Krunić N, Nikolić Lj, Kostić M, Najman S, Nikolić V, Najdanović J. In vitro examination of oral tissue conditioners potential toxicity. Hemijska Industrija 2011; 65(6):697-706 IF 0.205
Odabrana saopštenja na naučnim skupovima:

Stojanović S, Mitić Ž, Miljković M, Rajković J, Trajanović M, Najman S. SEM-EDX Analysis of Bio-Oss® Granules After Incubation In Cell Culture Medium. Proceedings of the III Advanced Ceramics and Applications Conference, Chapter 18, W.E. Lee et al. (eds.) Atlantis Press and the author(s) 2016:259-264. doi: 10.2991/978-94-6239-157-4

Mitić Ž, Stojanović S, Najman S, Cakić M, Ignjatović N, Uskoković D, Stolić A, Trajanović M. FTIR and SEM-EDX spectroscopic characterization of biomaterial calcium phosphate/poly-(dl-lactide-co-glycolide) under in vitro simulated physiological conditions. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry "PHYSICAL CHEMISTRY 2014", Belgrade, Serbia, 22-26 September, 2014, Proceedings-Volume II, p. 518-521.

Živković J, Stojanović S, Vukelić-Nikolić M, Najdanović J, Cvetković V, Čakić-Milošević M, Najman S. In vivo degradation of Bio-Oss® in implants loaded with macrophages treated with lipopolysaccharide. Serbian Ceramic Society Conference ADVANCED CERAMICS AND APPLICATION V, New Frontiers in Multifunctional Material Science and Processing, 21-23. September 2016, Belgrade, Serbia

Stojanović S, Najman S, Korać A. Different adipogenic potential of mesenchymal stem cells isolated from lipoma and normal adipose tissue – a preliminary results. 4th International Symposium on Adipobiology and Adipopharmacology (ISAA), 28-31 October 2015, Bucharest, Romania. Abstracts published in Romanian Journal of Diabetes, Nutrition and Metabolic Diseases 22 (2015) / Supplement 2, pp. 68-69.

Najman S, Petrović D, Vučković I, Najdanović J, Cvetković V, Stojanović S, Živković J, Vukelić-Nikolić M, Petrović S, Mitić Ž, Trajanović M. From adipose tissue to the bone – our experimental studies. 4th International Symposium on Adipobiology and Adipopharmacology (ISAA), 28-31 October 2015, Bucharest, Romania. Abstracts published in Romanian Journal of Diabetes, Nutrition and Metabolic Diseases 22 (2015) / Supplement 2, pp. 38-39.

Najman S, Đorđević Lj, Vasiljević P, Ćirić M, Vukelić-Nikolić M, Živković J, Stojanović S, Najdanović J, Rajković J, Cvetković V, Stanisavljević M, Vučković I, Golubović Z, Ajduković Z, Petrović D, Mitić Ž, Petrović S, Golubović I, Mihailović D, Trajanović M. Bone tissue engineering on experimental models. Advanced Ceramics and Applications IV, 21-23 September 2015, Belgrade, Serbia, Program and the Book of abstracts, pp. 86-87.

Rajković J, Najman S, Stojanović S, Đorđević Lj, Cvetković V, Ajduković Z. Early fracture healing in ovariectomized rats femur helped with alfacalcidol and platelet-rich plasma on Bio-Oss carrier. 13th Young Researchers' Conference – Materials Science and Engineering, Belgrade, Serbia, 10-12 December, 2014, Programme and the book of abstracts p.8.

Takić Miladinov D, Najdanović J, Tričković-Vukić D, Stojanović S, Tomić S, Vasiljević P, Najman S. Evaluation of genotoxicity of (meth)acrylate polymers in HeLa cells by using alkaline comet assay. 13th Young Researchers' Conference – Materials Science and Engineering, Belgrade, Serbia, 10-12 December, 2014, Programme and the book of abstracts (2014) p.10.

Živković J, Najman S, Stojanović S, Stanisavljević M, Vukelić-Nikolić M, Najdanović J, Tričković-Vukić D. The effect of macrophages on initiation of osteogenesis in subcutaneous implants. The 33rd Balkan Medical Week, Bucharest, 8-11 October 2014. Archives of the Balkan Medical Union, Supplement I, A131

Najdanović J, Najman S, Cvetković V, Živković J, Stojanović S, Stanisavljević M, Vukelić-Nikolić M, Živanov-Čurlis J. Neovascuogenic and osteogenic potential of adipose-derived stem cells implanted in combination with bone mineral matrix and platelet-rich plasma at ectopic site. The 33rd Balkan Medical Week. Bucharest, Romania, 8-11 October 2014. Archives of the Balkan Medical Union, Supplement I, A111

Cvetković V, Najman S, Najdanović J, Stanisavljević M, Vukelić-Nikolić M, Stojanović S, Rajković J. Histochemical analysis of in vivo osteogenic processes in constructs consisted of adipose-derived stem cells, platelet-rich plasma and bone mineral matrix. The 33rd Balkan Medical Week. Bucharest, Romania, 8-11 October 2014. Archives of the Balkan Medical Union, Supplement I, A93

Stojanović S, Najman S, Miljković M, Mitić Ž, Rajković J, Trajanović M. Analysis of the Surface of Bio-OSS® Particles after Incubation in Cell Culture Medium using Scanning Electron Microscopy. The Third Serbian Ceramic Society Conference »Advanced Ceramics and Application III« Belgrade, Serbia, September 29 – October 1, 2014, Program and the Book of Abstracts, page 127.

Najman S, Vučković I, Petrović D, Petrović S, Živković J, Stojanović S. Osteogenic Potential of Adipose-derived Mesenchymal Stem cells applied with Bio-OSS® as Carrier. The Third Serbian Ceramic Society Conference »Advanced Ceramics and Application III« Belgrade, Serbia, September 29 – October 1, 2014, Program and the Book of Abstracts, page 128.

Najdanović J, Cvetković V, Vukelić-Nikolić M, Živković J, Stojanović S, Najman S. Examination of in vitro neovasculogenic potential of mice adipose-derived stem cells. V Congress of the Serbian Genetic Society, Belgrade, Serbia, Sept 28 – Oct 02, 2014, Book of Abstracts p.94.

Cvetković V, Najdanović J, Vukelić-Nikolić M, Stanisavljević M, Rajković J, Živković J, Stojanović S, Najman S. Gene expression pattern of some bone-related markers in in vitro osteoinduced adipose-derived stem cells isolated from Balb/c mice. V Congress of the Serbian Genetic Society, Belgrade, Serbia, Sept 28 – Oct 02, 2014, Book of Abstracts p.105.

Stojanović S, Najman Stevo, Golubović Zoran, Stojanović Saša, Golubović Ivan, Petrović Slađana, Ćirić Milan. Osteogenic potential of adipose-derived mesenchymal stem cells in the case of osteoporosis. 53rd Congress of Anthropological Society of Serbia with international participation, Vranje, Serbia, June 4-7, 2014, Programme and Abstracts, page 77.

Hedrih A, Milosevic-Djordjevic O, Najman S, Stojanovic S. Spontaneous Chromosomal Instability Related to Aging and Gender. International Symposium of the German Society for Biochemistry and Molecular Biology "Molecular Life Sciences 2013", Frankfurt am Main, Germany, October 3 – 6, 2013, Abstracts, page 46.

Stojanović S, Mitić Ž, Najman S, Miljković M, Ajduković Z, Ignjatović N, Uskoković D. SEM-EDS analysis of cobalt-substituted hydroxyapatite nanoparticles changes in culture medium in vitro. The Serbian Ceramic Society Conference »Advanced Ceramics and Application II«, Belgrade, Sept 30 – Oct 1, 2013, Program and The Book of Abstracts, page 50.

Mitić Ž, Stojanović S, Miljković M, Najman S, Ignjatović N, Uskoković D. SEM-EDS analysis of calcium phosphate/poly-(DL-lactide-co-glycolide) nanoparticles changes in culture medium in vitro. The Serbian Ceramic Society Conference »Advanced Ceramics and Application II«, Belgrade, Sept 30 – Oct 1, 2013, Program and The Book of Abstracts, page 50.

Stojanović S, Mitić Ž, Najman S, Ignjatović N, Uskoković D. Scanning electron microscopy study of changes in nanoparticles surface under in vitro simulated physiological conditions. Fifteenth annual conference YUCOMAT 2013, Herceg Novi, Montenegro, September 2-6, 2013, Programme and The Book of Abstracts, page 149.

Najman S, Petrović D, Vučković I, Živković J, Stojanović S, Ignjatović N, Uskoković D. Osteogenic potential of freshly isolated cells of adipose-derived mesenchymal fraction applied with nanoparticles. Fifteenth annual conference YUCOMAT 2013, Herceg Novi, Montenegro, September 2-6, 2013, Programme and The Book of Abstracts, page 45.

Najman S, Stojanović S, Vučković I, Petrović D, Najdanović J, Živković J, Vukelić M, Mitković M, Golubović Z, Mladenović D, Vasiljević P, Milovanović J, Trajanović M. Assisted regeneration of the human body – new strategies and technologies. 52nd Congress of Anthropological Society of Serbia, Novi Sad, June 5-8, 2013, Programme and Abstracts, page 74.

Najman S, Stojanović S, Mitić Ž, Ajduković Z, Ignjatović N, Uskoković D. Examination of the influence of nanomaterials calcium phosphate/poly-(DL-lactide-co-glycolide) and cobalt-exchanged hydroxyapatite on the viability of Saos-2 cells. 11th Young Researchers' Conference: Materials Science and Engineering, Belgrade, Serbia, December 3-5, 2012, Book of Abstracts, page 110.

Najman S, Najdanović J, Petrović D, Vučković I, Živković J, Stojanović S, Cvetković V, Vukelić M, Sekulović Lj, Djindjić B. Osteo-regenerative potential of adipose tissue derived mesenchymal stem cells. XXXII Balkan Medical Week, Nis, Serbia, September 21-23, 2012, Book of Abstracts.

Stojanović S, Najman S, Ajduković Z, Ignjatović N, D. Uskoković. Comparative study of the effects of different nanomaterials on the viability of human osteoblast-like cells. Fourteenth annual conference YUCOMAT 2012, Herceg Novi, September 3-7, 2012, Book of Abstracts, page 126.

Najman S, Stojanović S, Najdanović J, Živković J, Petrović D, Vučković I, Cvetković V, Sekulović Lj, Tričković-Vukić D, Vukelić M, Vasiljević P, Trajanović M. Adipose derived mesenchymal stem cells as a model for study of osteoinductive activity of bone substituting biomaterials. Fourteenth annual conference YUCOMAT 2012, Herceg Novi, September 3-7, 2012, Book of Abstracts, page 126.

Najman S, Stojanović S, Najdanović J, Ignjatović N, Uskoković D. Assessment of the effects of nanoparticles of CP/PLGA on cultures of different cell lines. Tenth Young Researchers' Conference „Materials Science and Engineering“, Belgrade, Serbia, December 21-23, 2011, Book of Abstracts, page 6.

Stojanović S, Najman SJ, Najdanović J, Živković J, Najman SS, Ignjatović N, Uskoković D. Application of MTT viability test for biocompatibility examination of N-CP/DLPLG nanoparticles on cell cultures. "The Ninth Students' Meeting" SM-2011 Processing and application of ceramics. Novi Sad, Serbia, November 16-18, 2011, Book of Abstracts, pages 66-67.

Milosevic V, Stojanovic S, Najman S, Miltojevic A, Randjelovic J, Najdanovic J. Effects of Chelidonium majus ethanolic extracts on viability and proliferation of different cell types in vitro. YES meeting, 6th Young European Scientist Meeting, Porto, Portugal, 16-18 September 2011. Int J Med Students 2012; 1(Suppl 1): Abstracts, p. 22.

Rajković J, Stojanović S, Najman S, Kostić M, Savić V. Propolis effect on morphology of human gingival fibroblasts in vitro. 10th Multinational Congress on Microscopy. Scientific Campus, Urbino University "Carlo Bo", Italy, September 4-9, 2011, Proceedings, pages 221-222. (*nagrada za najbolju poster prezentaciju u kategoriji prirodnih nauka)

Dodic N, Najdanovic J, Vukelic M, Zivkovic J, Stojanovic S, Stanisavljevic M, Stojiljkovic M, Najman S, Tomic S. The effect of the hydrogel poly(ethylene glycol) dimethacrylates on the viability and proliferation. 6th International Pirogov Scientific Medical Conference of Students and Young Scientists, Moscow, Russia, 24th March 2011, page 226. (*prva nagrada za poster prezentaciju u sesiji „Medicinska nanobiotehnologija“)

Stojanović S, Najdanović J, Najman S. In vitro effects of Royal jelly on viability and proliferation of HeLa cells. IXth International Congress of Medical Sciences (ICMS), Sofia, Bulgaria, 13- 16 May 2010, Abstract Book, page 55.

Najdanović J, Stojanović S, Živković P, Živković J, Vasiljević P, Najman S. In vitro osteogenic differentiation and phenotypisation of mouse adipose tissue derived mesenchymal cells. IXth International Congress of Medical Sciences (ICMS), Sofia, Bulgaria, 13-16 May 2010, Abstract Book, page 57. (*druga nagrada za poster prezentaciju u kategoriji pretkliničkih istraživanja)

Damnjanović I, Kocić G, Najman S, Stojanović S, Veljković A, Pešić S. NF-κB as potential chemopreventive target of meloxicam in the treatment of colon cancer cells in vitro. VI Serbian Congress of Pharmacy with international participation. Belgrade, Serbia, 15-19 October, 2014, Abstract Book p. 256-257.

Živković J, Stojanović S, Najdanović J, Tričković-Vukić D, Stanisavljević M, Vukelić M, Rajković J, Cvetković V, Živanov-Čurlis J, Najman S. Procena produkcije slobodnih radikala kiseonika u peritonealnim makrofagima miša semikvantitativnim mikroskopskim NBT testom. Drugi kongres SDMSRF "Život sa slobodnim radikalima: Hemija, Biologija, Medicina", Niš, Srbija, 28. septembar, 2013, Knjiga sažetaka, str. 62.

Stojanović S, Ilić D, Najman S, Nikolić V, Stanković M, Savić V, Nikolić Lj. Efekat alicina i proizvoda njegove transformacije na vijabilnost i proliferaciju HeLa ćelija. IX Simpozijum „Savremene tehnologije i privredni razvoj“ sa međunarodnim učešćem, Leskovac, Srbija, Oktobar 21-22, 2011, Zbornik izvoda radova, strana 118.