Łukasz Pawłowski

Lista publikacji

1. Pawłowski, Ł., Wawrzyniak, J., Banach-Kopeć, A., Cieślik, B. M., Jurak, K., Karczewski, J., … Zieliński, A. (2022). Antibacterial properties of laser-encapsulated titanium oxide nanotubes decorated with nanosilver and covered with chitosan/Eudragit polymers. Biomaterials Advances, 138(February), 212950. https://doi.org/10.1016/j.bioadv.2022.212950

2. Pawłowski, Ł., Akhtar, M. A., Zieliński, A., & Boccaccini, A. R. (2024). Electrophoretic deposition and characterization of composite chitosan/Eudragit E 100 or poly(4-vinylpyridine)/mesoporous bioactive glass nanoparticles coatings on pre-treated titanium for implant applications. Surface and Coatings Technology, 479, 130542. https://doi.org/10.1016/j.surfcoat.2024.130542

3. Pawłowski, Ł., Mania, S., Banach-Kopeć, A., Bartmański, M., Ronowska, A., Jurak, K., … Zieliński, A. (2023). Osteoblast and bacterial cell response on RGD peptide-functionalized chitosan coatings electrophoretically deposited from different suspensions on Ti13Nb13Zr alloy. Journal of Biomedical Materials Research. Part B, Applied Biomaterials, 111(10), 1800–1812. https://doi.org/10.1002/jbm.b.35286

4. Pawłowski, Ł., Asim Akhtar, M., Zieliński, A., & Boccaccini, A. R. (2023). Biological properties of chitosan/Eudragit E 100 and chitosan/poly(4-vinylpyridine) coatings electrophoretically deposited on the AgNPs-decorated titanium substrate. Materials Letters, 133885. https://doi.org/10.1016/J.MATLET.2023.133885

5. Pawłowski, Ł., Bartmański, M., Ronowska, A., Banach-Kopeć, A., Mania, S., Cieślik, B. M., … Zieliński, A. (2024). Cytocompatibility, antibacterial, and corrosion properties of chitosan/polymethacrylates and chitosan/poly(4-vinylpyridine) smart coatings, electrophoretically deposited on nanosilver-decorated titania nanotubes. Journal of Biomedical Materials Research Part B: Applied Biomaterials, 112(1), 1–14. https://doi.org/10.1002/jbm.b.35332