

Key IPs	produced porous sponge layer on titanium to guide cell behavior, Adv. Eng. Mater., 18, 476-483 DOI: 10.1002/adem.201500456. (SJR= 0.92, IF =2.319, Q1) 3. Ulasevich, S. A., Koshel, E. I., Kassirov, I. S., Brezhneva, N., Shkodenko, L., Skorb, E. V. (2020). Oscillating of physicochemical and biological properties of metal particles on their sonochemical treatment. Materials Science and Engineering: C, 109, 110458 DOI: 10.1016/j.msec.2019.110458 (SJR= 1.15, IF= 5.07, Q1) 4. Ulasevich, S. A., Gusinskaia, T. A., Semina, A. D., Gerasimov, A. A., Kovtunov, E. A., Iakovchenko, N. V., Olga Yu. Orlova, Skorb, E. V. (2020). Ultrasound-assisted fabrication of gluten-free dough for automatic producing dumplings. Ultrasonics Sonochemistry, 105198 DOI: 10.1016/j.ultsonch.2020.105198 (SJR= 1.49, IF = 7.279, Q1) 5. Ulasevich, S., Ryzhkov, N. V., Andreeva, D. V., Ozden, D. S., Piskin, E., & Skorb, E. V. (2020). Light-to-Heat Photothermal Dynamic Properties of Polypyrrole-Based Coating for Regenerative Therapy and Lab on a Chip Applications. Advanced Materials Interfaces, 7(21), 2000980 DOI: 10.1002/admi.202000980 (SJR= 1.55, IF = 4.948, Q1) ✓ Method for electrochemical deposition of hydroxyapatite on certain areas of the titanium surface / S.A. Ulasevich, S.K. Poznyak, A.I. Kulak, S.A. Karpushenkov, O. N. Musskaya, L.A. Lesnikovich. BY 20347 C1 2016.08.30 ✓ Composition for the preparation of electrolyte for plasma electrolytic oxidation of titanium implant / S.A. Karpushenkov, S.K. Poznyak, A.I. Kulak, L.S. Karpushenkov, S.A. Ulasevich, O. N. Musskaya. BY 20321
Supervisor's specific	C1 2016.08.30 ✓ Strong background in physical chemistry
requirements	✓ Basic / advanced programming skills
Code of the subject area of the PhD program	1.4.1 Inorganic Chemistry1.4.4 Physical Chemistry