

Dmytro Grekov publications (February 2021)

- A state of the “heart”: application of bioengineered materials for cardiac surgery / A. A. Sokol, **D. A. Grekov**, G. I. Yemets, A. Y. Galkin, N. V. Shchotkina, A. A. Dovghaliuk, O. V. Telehuzova, I. M. Yemets // Journal of Education, Health and Sports. – 2020. – Vol.10, №9 – P. 927-936.
- Comparison of bovine pericardium decellularization protocols for production of biomaterial for cardiac surgery / A. A. Sokol, **D. A. Grekov**, G. I. Yemets, A. Yu. Galkin, N. V. Shchotkina, A. A. Dovghaliuk, O. V. Telehuzova, I. M. Yemets // Biopolymers and Cell. – 2020. – Vol. 36. № 5. – P. 392-403.
- The efficiency of decellularization of bovine pericardium of different concentration of sodium dodecyl sulfate / A.A. Sokol, **D. A. Grekov**, G.I. Yemets, O.Yu. Galkin, N. V. Shchotkina, A. A. Dovghaliuk, N.M. Rudenko, I.M. Yemets // Innovative Biosystems and Bioengineering. – 2020. – Vol.4, № 4. – P. 189 - 198.
- Biocompatibility analysis of the decellularized bovine pericardium / A.A. Sokol, **D. A. Grekov**, G.I. Yemets, O.Yu. Galkin, N. V. Shchotkina, I.M. Yemets // Cell and Organ Transplantology. – 2020. – Vol.8, №2 – P. 112-116.
- Prospects for application of bovine pericardial scaffold for cardiac surgery / A.A. Sokol, **D. A. Grekov**, G.I. Yemets, O.Yu. Shchotkina, A.A. Dovgaliuk, N.M. Rudenko, I.M. Yemets // Biotechnologia Acta. - 2020 – Vol. 13, №6 – P. 41-49.
- Features of manufacture of decellularized scaffolds for use in cardiac surgery / A.A. Sokol, **D. A. Grekov**, O.Yu. Galkin, G.I. Yemets, N. V. Shchotkina, I.M. Yemets // V International Scientific Conference: Actual problem of biochemistry, cell biology and physiology (15-16th October): theses. – Dnipro, Ukraine. – 2020. – P. 121-123.