

List of patents obtained by professors and students of Shymkent University

№	Publication title	Job Description	Year and certificate number	Author	Certificate
1.	Intraspecific type K-2020 of the Krainian honey bee family of the South Kazakhstan population	Patent	Utility model patent. №1095 2020/001.5. 30.06.2020 11.11.2023.	Shimilkova R.Zh.	
2.	Bath composition based on natural ingredients	Patent	Utility model patent. № 3423 2018/0460.2 26.06.2018 30.01.2019	Bishimbaev V.K., Tleukeeva A.E., Issayeva A.U.	
3.	Thiobacillus ferrooxidans ThioA1 strain for bioleaching of rare earth metals	Patent	Patent for invention. №33667 2017/0777.1 19.09.2017 07.08.2019	Rubtsova L.V., Issayeva A.U.	
4.	A composition for health baths based on natural ingredients	Patent	Patent for invention. №34627 2019/0469.1 26.06.2019 26.06.2023	Aitbaeva GB, Seitkali N.M., Kobilbekova N.U., Issayeva A.U., Abubakirova A.A., Yeshibaev A.A., Bishimbaev V.K	
5.	Complex for oral care based on natural raw materials	Patent	Utility model patent. №34660 2019/0470.1 26.06.2019 30.10.2020	Issayeva A.U., Yeshibaev A.A., Bishimbaev V.K., Abubakirova A.A., Aitbaeva GB, Seitkali N.M., Kobilbekova N.U.	
6.	Antibacterial organic bar soap	Patent	Patent for invention. №6065 2020/0927.2 15.10.2020 15.10.2021	Tleukeyeva A.E., Issayeva A.U.	
7.	Method for biological treatment of contaminated water	Patent	Utility model patent. №6578 2021/0649.2 28.06.2021 26.11.2021	Tleukeyeva A.E., Issayeva A.U., Seitkulov N.A., Tleukeyev Zh.A.	

8.	Composition for health baths based on natural raw materials	Patent	Patent for invention. № 202092341 KZ2020/069 10.05.2020 29.04.2022	Issayeva A.U., Seitkulov N.A., Tleukeyeva A.E., Praliev G.S.	
9.	Process For Bioconversion Of Phosphorus-Containing Waste To Obtain Biofertilizers For Tomatoes	Patent	Patent for invention. № 36030 2021/0714.1 24.11.2021 30.12.2022	Tleukeyeva A.E., Issayeva A.U., Tleukeyev Zh.A. Eginbay A.M., Alibayev A.	
10.	Method of producing a combined bacterial-humic preparation	Patent	Utility model patent. №7697 2022/0947.2 31.10.2022 30.12.2022	Tleukeeva A.E., Issayeva A.U., Issayev E.B., Mahmoud Ar-Rahman A., Tleukeev J.A., Alpamysova G.B.	
11.	Method of biological treatment of contaminated water	Patent	Utility model patent. №8510 2023/0741.2 04.07.2023 05.07.2024	Baimukasheva Shynar Khabibuliyevna (KZ) Issayeva Akmaral Umurbekovna (KZ) Wojciech Antkowiak (PL)	