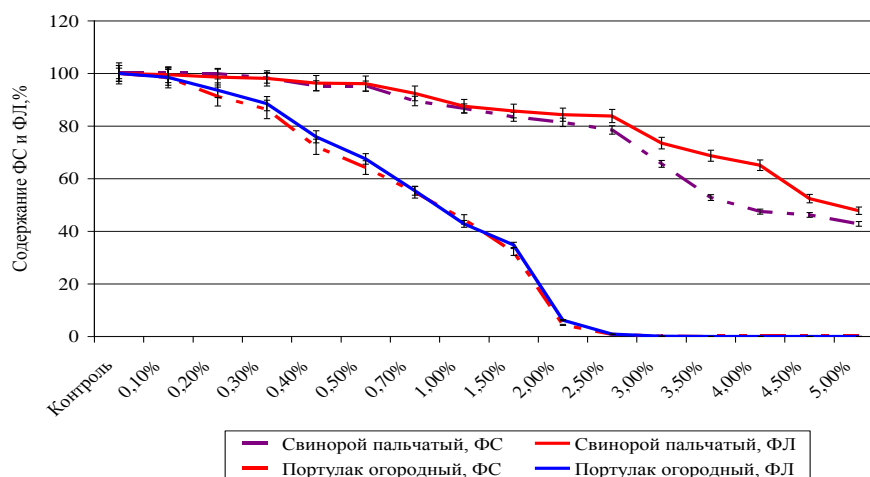


**Grant of the Ministry of Education and Science of the Republic of
Kazakhstan "Optimization of the functioning of decentralized biological
wastewater treatment systems in the pharmaceutical and cosmetology
industry by selecting the composition of phytomeliorant plants" (due date:
2021)**

The purpose of the work is to select the optimal species composition of plants resistant to specific pollutants and conditions to optimize the functioning of local biological wastewater treatment systems of enterprises in the pharmaceutical and cosmetology industry.

The main design and technical and operational indicators: a method for biological wastewater treatment of pharmaceutical and cosmetology enterprises has been developed, 1 recommendation for the use of phytomeliorant plants has been developed, 1 bioindication school of phytotoxicity of xenobiotics of a pharmacological and cosmetological nature



The effect of different concentrations of substrate detergents on the quantitative content of FS and FL in plant root biomass



Head: Doctor of Biological Sciences, Professor Issayeva A.U.

Performer: Tleukeeva A.E.

It comes from him ↓

Commercialization of results: 1 project has been prepared for the competition of grant financing of projects for commercialization.

It comes from him ↓

Patent protection:

N п/п	Name	Output data	Authors
1	Способ биологической очистки загрязненных вод	Патент на полезную модель №6578	Исаева А.У., Сейткулов Н.А., Тлеукеева А., Тлеукеев Ж.