

Title	Procedure for obtaining the proteoglycan preparation and its testing in the zootechnical field
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Patent no.	Patent application No. a20220059
Description	The invention refers to development of a process for The invention refers to development of a process for obtaining the proteoglycan preparation with high content of sulfated polysaccharides. The process is based on the use of cyanobacteria biomass remaining from the production of BioR bioremedy. Proteoglycans are used for substitution therapy in medicine; as an additive in animal feed, as well as in cosmetic industry. The technical result of the invention consists in the elaboration of the procedure for obtaining the proteoglycan preparation with a content of sulphated polysaccharides of: $661\pm 2.30\dots 733\pm 1.55$ mg/L which is 28.96...32.12 times respectively more than closest solution.
EN	The extracts possess superoxide dismutase activity of $54.68\pm 2.82 \dots 38.41\pm 0.42$ U/mg protein and increased protein content $20.66\pm 0.12\dots 26.50\pm 0.06$ % dry weight., carbohydrates $23.69\pm 0.73\dots 20.71\pm 0.42$ % dry weight., the advantages of process are the obtaining proteoglycan preparation with antioxidant properties. <i>Applications: Agriculture and Food Industry</i> <i>The research was carried out within project 20.80009.5107.16 "New biologically active microbial preparations for increasing the reproductive and productive potential of animals of zootechnical interest", funded by NARD, Republic of Moldova</i>