

INFLUENCE OF POLYPEPTIDE IMMUNOMODULATOR GANGLIINE ON THE FOWL ORGANISM RESISTANCE

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Summary. Biologically active substances capable of normalizing the activity of immunity system are called immunomodulators. A preparation Gangliine was produced from Teuthoidea ganglions by an ion exchange chromatographic method. We investigated its toxic and immunostimulating properties in cases of immunosuppression using chicken embryos and chickens. It was determined that gangliine doses 40 µg/kg and 100 µg/kg did not produce a toxic effect on the embryos, whereas the administration of 100µg/kg intramuscularly restored an immunosuppression effect of cyclophosphane.

Keywords: immunomodulators, chicken embryos, toxicity, immunosuppression, Gangliine.