ANNOTATION

Academic group BT-51M

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for coursework in the discipline "Biotechnology Agricultural Production"

"Vaccines for animals"

Coursework: 34 pages, 1 figure, 2 tables, 17 references.

In this project observed basic principles of classification, manufacturing methods and practical application of veterinary vaccines. To achieve this goal in the course of an analysis of scientific literature, modern trends in immunization of animals and manufacturers of veterinary vaccines.

This work contains general information about the veterinary vaccines, their properties and classification. Distinguished some main methods of design and production of vaccines for animals. Listed Ukrainian manufacturers of veterinary vaccines, foreign manufacturers, in particular CIS, observed vaccine preparations for different purposes. Represented global significance and application of the vaccines for animals. Showed some directions to ensure quality production of veterinary vaccines and noted general prospects of the development and consummation of veterinary vaccines.

There were also determined that the most perspective way in the development of new vaccines is to construct micromolecular complexes comprising necessary antigenic determinants and the carrier structure providing phenotypic correction.

Following results can be used effectively to increase knowledge in the field of veterinary science and agricultural biotechnology, as well as to further modeling and design research process of certain types of vaccines and their application.