

Contents

Part 1. Veterinary medicine

Gerilovych A. P., Limanska O. Yu.,

Kulyk I. A., Gorbatenko S. K.

STUDYING OF PHYLOGENETIC RELATIONSHIPS OF LEUKEMIA VIRUS

WITH OTHER RETROVIRUSES IN CATTLE..... 5

Ksyonz I. M., Korniyenko M. V.

DEVELOPMENT OF PCR TEST SYSTEMS FOR SPECIES

DIFFERENTIATION OF CHLAMYDIAL AGENTS IN BIRDS..... 10

Part 2. Biotechnology

Fedota O. M., Ruban S. Yu., Mitioglo L. V.,

Tyzhnenko T. V., Gontar Yu. V., Lysenko N. G.

EFFECTS OF DIETARY BETAINE ON PRODUCTIVE TRAITS

AND REPRODUCTIVE HEALTH OF DAIRY COWS..... 18

Mazurenko V. R., Ponomarenko T. O.

CONTROLLING OF MYCOPLASMA BOVIS AT A FARM IN UKRAINE

AS A PART OF ERADICATION PROGRAM OF MASTITIS..... 26

Kukhtyn M. D., Horyuk Yu. V., Horyuk V. V.,

Perkiy Yu. B., Kovalenko V. L., Yaroshenko T. Ya.

THE MAIN REGULARITIES OF RAW MILK CONTAMINATION

WITH STAPHYLOCOCCUS AUREUS..... 30

Part 3. Biosafety

Kovalenko V. L., Ponomarenko O. V., Korniyenko V. I.,

Harkusha I. V., Gordiyenko A. D.

ANTIBACTERIAL EFFECT OF VEGETABLE ESSENTIAL OILS

BASED ON METAL NANOPARTICLES IN VITRO..... 34