

# Contents

## Part 1. Veterinary medicine

Pyskun O. O., Pyskun A. V., Ukhovskyi V. V., Sytiuk M. P.	
ETIOLOGICAL STRUCTURE OF LEPTOSPIROSIS AMONG THE WILD BOARS AND DOMESTIC PIGS IN THE TERRITORY OF UKRAINE, ITS ANALYSIS AND CHARACTERISTICS .....	5

Ponomarenko N. G.	
ANTI-EXUDATIVE ACTIVITY OF 7-DISUBSTITUTED 8-METHYLPIPERAZINE-1,3-DIMETHYLBANTHINES .....	12

## Part 2. Biosafety

Kovalenko V. L., Harkavenko V. M., Kukhtyn M. D., Ponomarenko G. V., Ihnatieva T. M.	
STUDY OF THE INFLUENCE OF BACTERICIDAL PREPARATION ON CELL CULTURES .....	15

Rodionova K. O., Paliy A. P.	
INFLUENCE OF MODERN VACUUM PACKAGING ON QUALITY AND SAFETY OF SAUSAGE PRODUCTS .....	18

## Part 3. Biotechnology and genetics

Fedota O. M., Skrypkina I. Y., Mitioglo L. V., Tyzhnenko T. V., Ruban S. Yu.	
EFFECTS OF MTHFR GENE ON REPRODUCTIVE HEALTH AND PRODUCTIVE TRAITS OF DAIRY COWS .....	24

Raksha-Slyusareva O. A., Slyusarev O. A., Tarasova I. A., Boyeva S. S., Ostapenko V. M.	
THE EFFECT OF FOOD ADDITIVE 'AQUACAROTIN' ON MAIN PHYSIOLOGICAL BODY PARAMETERS IN MODEL EXPERIMENTS ON ANIMALS .....	28