

## CONTENTS

### **Genetics and farm animal breeding**

1. G.M. Polak – Characteristics of the Polish population of horses competing in long-distance rides 103
2. J. Calik – Analysis of some genetic and productive parameters and egg quality of hens from RIW (A-33) and RIR (K-22) conservation lines 113

### **Biology, physiology and animal reproduction**

3. E. Sosnówka-Czajka, R. Muchacka, I. Skomorucha – Physiological indicators in broiler chickens from different commercial lines reared under organic conditions 121
4. P. Hanczakowski, B. Szymczyk – The effect of dietary pure saturated fatty acids on fatty acid and triacylglycerol content of rats' blood 127

### **Animal nutrition and feedstuffs**

5. F. Brzóska – Milk production and composition as influenced by soybean meal, rapeseed meal or rapeseed cake in concentrates for dairy cows 133
6. K. Węglarzy, K. Bilik – Effect of diverse feeding regimes on rearing performance of Holstein-Friesian Red heifer calves 145
7. F. Borowiec, R. Augustyn, A. Ćwiek – Influence of some oilseeds in sheep diets on rumen digesta, blood plasma indicators and rumen microflora 155
8. J. Koreleski, S. Świątkiewicz – Effect of dietary supplementation of vitamin E, antioxidants and a synthetic carotenoid on changes in chicken breast meat quality during storage 167

### **Environment, hygiene and animal production technology**

9. E. Kuźnicka, W. Rant – Comparison of ewe milk production and lamb growth in żelaźnieńska sheep kept in a barn or under overhead shelter 175