

## Contents

### Reviews

1. Adrianna PAWLIK, Grażyna SENDER, Agnieszka KORWIN-KOSSAKOWSKA – Bovine lactoferrin gene polymorphism and expression in relation to *mastitis* resistance – a review . . . . . 263
2. Jean-François HOCQUETTE, Isabelle CASSAR-MALEK, Carine BERNARD-CAPEL, Brigitte PICARD – Functional genomics and new markers for beef production – minireview . . . . . 273

### Original papers

1. Edyta JUSZCZUK-KUBIAK, Krzysztof SŁONIEWSKI, Jolanta OPRZADEK, Krystyna WICIŃSKA, Jarosław POŁOSZYNOWICZ, Stanisław ROSOCHACKI – The effect of polymorphisms in the intron 12 of *CAST* gene on meat quality of young bulls . . . . . 281
2. Tomasz DASZKIEWICZ, Stanisław WAJDA, Dorota KUBIAK, Joanna KRASOWSKA – Quality of meat from young bulls in relation to its ultimate pH value . . . . . 293
3. Karol WĘGLARZY – Lactation productivity of dairy cows as affected by the length of preceding dry period . . . . . 303
4. Nina STRZAŁKOWSKA, Artur JÓŻWIK, Emilia BAGNICKA, Józef KRZYŻEWSKI, Karina HORBAŃCZUK, Bożena PYZEL, Jarosław Olav HORBAŃCZUK – Chemical composition, physical traits and fatty acid profile of goat milk as related to the stage of lactation . . . . . 311
5. Giuseppe PICCIONE, Giovanni CAOLA, Claudia GIANNETTO, Fortunata GRASSO, Sebastiano CALANNI RUNZO, Alessandro ZUMBO, Pietro PENNISI – Selected biochemical serum parameters in ewes during pregnancy, post-parturition, lactation and dry period . . . . . 321
6. Violeta RAZMAITE, Sigita KERZIENE, Virginija JATKAUSKIENE – Body and carcass measurements and organ weights of Lithuanian indigenous pigs and their wild boar hybrids . . . . . 331
7. Wojciech KAPELAŃSKI, Anna HAMMERMEISTER, Salomea GRAJEWSKA, Maria BOCIAN, Joanna WIŚNIEWSKA – Effect of pre-slaughter handling on body weight loss and carcass and meat quality in crossbred fatteners . . . . . 343
8. Wojciech KAPELAŃSKI, Milena BIEGNIIEWSKA – Slaughter value of once-bred gilts vs. their littermates fattened according to common standards . . . . . 353
9. T.C. DOU, S.R. SHI, H.J. Sun, K.H. WANG – Growth rate, carcass traits and meat quality of slow-growing chicken grown according to three raising systems . . . . . 361
10. Ewa OCHWANOWSKA, Bożena WITEK, Adam KOŁĄTAJ – The effect of intraperitoneally administered glucagon on the lysosomal enzyme activity in the liver of the mice . . . . . 371