

Contents

Review articles

1. Aleksandra DUNISŁAWSKA, Jagoda ŁACHMAŃSKA, Anna SŁAWIŃSKA,
Maria SIWEK – Next generation sequencing in animal science – a review 205
2. Krystyna ŻYŻYŃSKA-GALEŃSKA, Anna PILISZEK, Jacek A. MODLIŃSKI
– From blastomeres to somatic cells: reflections on cell developmental potential
in light of chimaera studies – a review 225

Original articles

1. Alicja SATOŁA, Ewa PTAK, Wojciech JAGUSIAK, Agnieszka
OTWINOWSKA-MINDUR – Genetic relationship of conformation traits
with lactose percentage and urea concentration in milk of Polish Holstein-Friesian cows 241
2. Irena VRTKOVÁ, Andrzej FILISTOWICZ, Janusz T. BUCZYŃSKI,
Štěpán VRTEK, Lenka FALKOVÁ – Parameters of variability and diversity
of tetrameric STRs for practical use in Zlotnicka White and Zlotnicka Spotted pigs 253
3. Ewa RASIŃSKA, Ewa CZARNIECKA-SKUBINA, Jarosława RUTKOWSKA,
Wiesław PRZYBYLSKI, Marian BRZOZOWSKI – Fatty acid profile of meat
of seasonally fed slow-growing rabbits 265
4. Jan CZERWIŃSKI, Katarzyna ŚLIŻEWSKA, Agnieszka KORWIN-KOSSAKOWSKA,
Ilona BACHANEK, Stefania SMULIKOWSKA – Effects of genetically modified maize
and soybean meal on the diversity and activity of gut microbiota in broiler chicken 279
5. Agata KOKOCIŃSKA, John ENSMINGER, Tadeusz JEZIERSKI – Effects of novel
odours on the mating behaviour in mice 301
6. Muhammad Sajjad ANSARI, Bushra ALLAH RAKHA, Shamim AKHTER –
Cryopreservation of bull semen in OptiXcell® and conventional extenders:
Comparison of semen quality and fertility 317

Full texts are available at: <http://www.ighz.edu.pl/journal>

The journal is covered in the following Thomson Scientific products and services:

- Journal Citation Reports/Science Edition (JCR)
- Science Citation Index Expanded (SciSearch ®)
- Biology Abstracts
- BIOSIS Previews

The journal is also abstracted/indexed in:

- Index Copernicus International (www.indexcopernicus.com)
- CAB ANIMAL BREEDING ABSTRACTS
- POLISH SCIENTIFIC JOURNALS CONTENTS (AGRIC. & BIOL. SCI.) URL address:
<http://psjc.icm.edu.pl>
- GENETIC ABSTRACTS (Cambridge Scientific Abstracts) – selectively.