

## CONTENTS

### REVIEW

- BAUER EA: Progressive trends on the application of artificial neural networks in animal sciences – A review ..... 219

### ORIGINAL PAPERS

- GUNER B, KULAKSIZ R, SAAT N, KISADERE I, OZTURKLER M, DALGINLI KY, PANCARCI SM: Effect of pre-synchronisation with progestogen and eCG on reproductive activity in synchronised ewes during anoestrous season ..... 231
- RAUSER P, NEMECKOVA H, MRAZOVA M, VACLAVIKOVA J, NOVAK L: Influence of fentanyl, ketamine or lidocaine infusion on intraocular pressure and pupil size in conscious dogs ..... 240
- BAE CS, AHN T: Albumin infusion ameliorates liver injury in streptozotocin-induced diabetic rats ..... 245

### CASE REPORTS

- FILIFEJOVA Z, AGUDELO CF, KOSKOVA B, STERBOVA M, PANINAROVA M, SKORIC M, CRHA M: Neuroendocrine carcinoma of the heart base in a dog: A case report ..... 257
- OLIVERI M, AGUDELO CF, CERMAKOVA E, KNOTKOVA Z, KRIZOVA P, LUCIANI A, KNOTEK Z: Congestive heart failure in a veiled chameleon (*Chamaeleo calyptratus*): A case report ..... 263