

INDEX VOLUME 66

ORIGINAL PAPERS

- ANJUM FR, RAHMAN SU, ASLAM MA, QURESHI AS: Antiviral potential and stability analysis of chicken interferon- α produced by Newcastle disease virus in chicken embryo fibroblast cells 197
- AOUADI M, SEBAI E, SARATSIS A, KANTZOURA V, SARATSI K, MSAADA K, SOTIRAKI S, AKKARI H: Essential oil of *Rosmarinus officinalis* induces *in vitro* anthelmintic and anticoccidial effects against *Haemonchus contortus* and *Eimeria* spp. in small ruminants 146
- BENOVA K, DVORAK P, MATE D, SPALKOVA M, DOLEZALOVA J, KOVARIK L: Does the 1 Gy dose of gamma radiation impact the pork quality? 140
- CERMAKOVA E, PISOVSKA A, TRHONOVA V, SCHILLIGER L, KNOTEK Z: Comparison of three ECG machines for electrocardiography in green iguanas (*Iguana iguana*) 66
- DE SOUZA MC, CALESSO JR, CENCI B, CARDOSO MJL, MOURA FA, FAGNANI R: Kinematics of healthy American Pit Bull Terrier dogs 8
- DRAPAL J, STEINHAUSER L, STASTNY K, FALDYNA M: Cadmium concentration in cattle tissues in the Czech Republic 369
- FICHTELOVA V, KRALOVA A, FLEISCHER P, BABAK V, KOVARCIK K: Detection of *Mycobacterium avium* subspecies *paratuberculosis* in environmental samples from infected Czech dairy herds 1
- FREITAS JL, ANDRADE TS, MARTINS FILHO EF, D'SOARES CS, SOUZA ACSN, SILVA AWO, LEAL PV, PEIXOTO TC: Causes of spontaneous death and euthanasia in dogs: A background study in Bahia, Brazil 156
- GASPAR H, BARGALLO F, GRIFOLS J, CORREIA E, PINTO ML: Age and sex-related differences in the haematological parameters of captive African grey parrots (*Psittacus erithacus*) 330
- GASPAR H, BARGALLO F, GRIFOLS J, CORREIA E, PINTO ML: Haematological reference intervals in captive African Grey parrots (*Psittacus erithacus*) 24
- GERBAGA OZSEMR K, ALTUNATMAZ K: Treatment of extremity fractures in 20 wild birds with a modified Meynard external fixator and clinical assessment of the results 257
- GOKCE E, KIRMIZIGUL AH, ATAKISI O, KURU M, ERDOGAN HM: Passive immunity in lambs: Colostral and serum γ -glutamyltransferase as a predictor of IgG concentration and related to the diseases from birth to 12 weeks of life 45
- HANANEH W, ABABNEH M: Spotty liver disease in Jordan: An emerging disease 94
- HOCHLEITHNER M, HOCHLEITHNER C: The prevalence of *Trichomonas gallinae* in budgerigars (*Melopsittacus undulatus*) in a Veterinary Clinic in Vienna between 2000–2019 490

ISIDAN H, TURAN T: A comprehensive study of canine parvoviruses (Carnivore protoparvovirus 1, Carnivore bocaparvovirus 1 and 2) from shelter dogs in Turkey	423
ISLAM R, SULTANA N, AYMAN U, AKTER A, AFROSE M, HAQUE Z: Morphological and morphometric adaptations of testes in broilers induced by glucocorticoid	520
JEONG Y, YUN T, KIM H, KOO Y, KANG JH, YANG MP, KANG BT: Induction of atopic dermatitis by epicutaneous sensitisation with <i>Dermatophagoides farinae</i> in nongenetically predisposed Beagle dogs	413
KAMANOVA V, NEVRKLA P, HADAS Z, LUJKA J, FILIPCIK R: Changes of sperm morphology in Duroc, Landrace and Large White boars depending on the ambient temperature during the year	189
KARABULUT O: Estimation of the external quality characteristics of goose eggs of known breadth and length	440
KATSOGIANNOU EG, KATSOULOS PD, ZIOGAS C, NASKOU MC, CHRISTODOULOPOULOS G, POLIZOPOULOU ZS, TZIVARA A, ATHANASIOU LV: Blood cell count and morphology, and vitamin B12 concentration in pre- and post-weaned calves	513
KOLAROVA J, VELISEK J, SVOBODOVA Z: Comparison of <i>in vitro</i> (fish cell line) and <i>in vivo</i> (fish and crustacean) acute toxicity tests in aquatic toxicology	350
LANIKOVA J, MIKULA P, BLAHOVA J, TICHY F, MARES J, ENEVOVA V, CHMELOVA L, SVOBODOVA Z: Sodium chloride bath – A cheap and safe tool for antiparasitic treatment of fish	530
MAGALHAES TS, CARVALHO GGP, SANTOS EM, LIMA AES, FREITAS JUNIOR JE, PINA DS, SANTOS SA, PINTO LFB, MOURAO GB, SOARES FDS, PEREIRA TCJ, LEITE LC: Health concerns of lambs fed cottonseed hulls combined with chitosan by examining the blood metabolic profile and histopathology of the kidney, liver, and rumen	470
MARCHEGIANI A, BAZZANO M, CASSARANI MP, ARCELLI R, ORZALESI C, LOMBARDO G, LOMBARDO M, SPATERNA A, GIALLETTI R: Efficacy of riboflavin/UV-A corneal phototherapy as stand-alone treatment for ulcerative keratitis in horses	321
MARTINIAKOVA M, BLAHOVA J, KOVACOVA V, MONDOCKOVA V, BABOSOVA R, KALAFOVA A, CAPCAROVA M, OMEKKA R: Effects of bee bread, Cornelian cherries treatment on the femoral bone structure using Zucker diabetic fatty rats as an animal model	342
MINAROVA H, ONDRACKOVA P, PALIKOVA M, MARES J, BLAHOVA J, JAROVA K, FALDYNA M: Optimisation of phagocytosis assay in rainbow trout (<i>Oncorhynchus mykiss</i>)	298
MUNIR M, SHAH SNH, ALMAS U, KHAN FA, ZAIDI A, BUKHARI SM, MURTAZA G: An assessment of the wound healing potential of a herbal gel containing an <i>Azadirachta indica</i> leaf extract	99
NECASOVA A, PECHOVA A, BODOR R, MASAR M: Evaluation of the glutathione concentration in whole blood of dairy Holstein cows	179
NOVAK L, BUROVA J, STANKOVA L, RADO M: Changes in tracheal, oesophageal and rectal temperature over 60 minutes anaesthesia in non-heated dogs, spontaneously breathing or mechanically ventilated	287

PANINAROVA M, STEHLIK L, PROKS P, NYVLTOVA I, VIGNOLI M: Influence of simethicone and fasting on the quality of abdominal ultrasonography in dogs	385
PARK J, NOH D, LEE K: Abdominal fat content assessment by computed tomography in toy breed dogs	481
PIJACEK M, BZDIL J, BEDANOVA I, DANIHLIK J, MORAVKOVA M: The inhibiting effect of microwave radiation on <i>Paenibacillus larvae</i> spores suspended in water	110
POTRAPELUK A, JANISZEWSKI P, BOGDASZEWSKI M: Thermography as a tool to monitor the velvet temperature and ossification stage of fallow deer (<i>Dama dama</i>) antlers under normal and modified photoperiodic conditions	233
PRZYBOROWSKA-ZHALNIAROWICZ P, ZHALNIAROVICH Y, WASOWICZ K: Estimation of the prevalence of respiratory diseases in pigs in north-eastern Poland: Survey of pulmonary lesions in pigs at a slaughterhouse	242
PUTECOVA K, NEDBALCOVA K, BARTEJSOVA I, ZOUHAROVA M, MATIASKOVA K, JEKLOVA E, VISOVA M, ZOUZELKOVA P, JERABEK M, STASTNY K: Experimental determination of the pharmacokinetic properties of trimethoprim and sulfamethoxazole combination in the blood serum of broiler chickens	248
SENTHILKUMAR K, RAVIKUMAR G, ARAVINDHABABU RP: Spatio-temporal distribution of bovine leptospirosis in Tamil Nadu and a risk factor analysis	503
SKOCOVSKA M, FERENCIK M, SVOBODA M, SVOBODOVA Z: Residues of selected sulfonamides, non-steroidal anti-inflammatory drugs and analgesics-antipyretics in surface water of the Elbe river basin (Czech Republic)	208
SOUZA ES, MINTO BW, SALES LUIS JP, NOBILE M, LINS BT, LUCENA DVE, GOUVEIA MCP, DIAS LGGG: Rock back phenomenon in 32 dogs that underwent tibial plateau levelling osteotomy	58
THI TN, VU-KHAC H, DUC TN: Characterisation of <i>Clostridium perfringens</i> isolated from chickens in Vietnam	431
TOREHANOV MA, TULEMISSOVA ZK, IBAZHANOVA AS, RAFIKOVA ER, MUZAPBAROV B, KORABAEV EM, SIYABEKOV ST: Comparative effectiveness of interventions for treating interdigital necrobacillosis in cattle: A network meta-analysis	461
UEMURA A, HAMABE L, TANAKA R: Stress burden for dogs in a simple soundproof cage: Heart rate variability and behavioural analyses	376
UMAR Z, QURESHI AS, SHAHID R, DEEBA F: Histological and histomorphometric study of the cranial digestive tract of ostriches (<i>Struthio camelus</i>) with advancing age	127
VALASTANOVA M, PETRIKOVA M, KULIKOVA L, KNOTEK Z: Psittacine beak and feather disease virus and avian polyomavirus detection rate in clinically healthy captive birds in the Czech Republic	72
VOJTEK B, MOJZISOVA J, KULICHOVA L, SMRKO P, DRAZOVSKA M: Effects of dietary nucleotides and cationic peptides on vaccination response in cats	17

WATARADEE S, BOONSERM T, SANGAPRAKHON C, AJARIYAKHAJORN K, INCHAI SRI C: Use of an automatic needle-free injection device for foot-and-mouth disease vaccination in dairy heifers	87
YANG SB, MOON HS, HWANG YH, LEE HC, LEE D, LEE JH: Percutaneous endoscopic limited-lumbosacral-dorsal laminectomy in eight dogs – A cadaveric study	279
ZHOU H, SONG Y, WANG M, UGBOLUE UC, GU Y: Thermal imaging evaluation of the felines paw pad temperature before and after walking: A pilot study	393
ZIEMAK H, FRACKOWIAK H, ZDUN M: Domestic cat's internal carotid artery in ontogenesis	292

CASE REPORTS

COCOCETTA C, DEL SIGNORE F, CERASOLI I, DI GUARDO G, BAFFONI M, DI FRANCESCO G, CROCCHIANTI V, VIGNOLI M: Intracranial meningioma in a pet rat: MRI findings	406
COLAKOGLU HE, YAZLIK MO, ESEN A, TUNC AS: Partial uterine prolapse and ovarian cysts in two Djungarian hamsters	40
EROKSUZ Y, ABAYLI H, YERLIKAYA Z, INCILI CA, KARABULUT B, EROKSUZ H: Concurrent occurrence of a bovine viral diarrhoea virus type-1 (BVDV-1) infection and <i>Trueperella pyogenes</i> bronchopneumonia in a calf	167
EROKSUZ Y, POLAT E, INCILI CA, KARABULUT B, EROKSUZ H: Bovine bilateral mesenchymal hamartomas on the upper eyelid: A case report	494
FRANCO GG, SIQUEIRA EGM, SOUZA JAL, PRADO LOC, RAHAL SC, MAMPRIM MJ, MINTO BW, BRANDAO CVS, COSTA JR JS: Closed spinal dysraphism in a 6-month-old mixed breed dog	219
GOJSKA-ZYGNER O, GALANTY M, DEGORSKA B, FRYMUS J, ZYGNER W: Congenital gallbladder agenesis in a 9-month-old Bull Terrier	305
HANANEH W, AL RUKIBAT R, DARADKA M: Primary splenic diffuse large B-cell lymphoma with multinucleated giant cells in a horse	76
HOUSZKA M, BAZANOW B, WESOŁOWSKA I, SZCZEPANIK J: Infectious keratoconjunctivitis in red deer (<i>Cervus elaphus</i>) in Poland – A case report	117
JANUS I, JANECEK M, DZIMIRA S: Cystic compound odontoma in a dog: Diagnosis and management	400
KIM HS, KIM HJ, HWANG HJ, OH S, DO SH: Aggressive behaviour of Hodgkin's-like lymphoma in a domestic ferret	225
KIM J, KO J, YOON H, KIM H, HWANG J, EOM K, KIM J: Clinical and imaging findings of walled-off pancreatic necrosis misdiagnosed as an intra-abdominal neoplasia in a Schnauzer dog: A case report	32
KIM J, OH D, CHO J, KIM S, YOON J: Recurrent hydronephrosis and spontaneous renal rupture by lymphoplasmacytic inflammation in a cat	80

KIM MY, LEE JH, PARK HM, KIM JH, YOON HY: Surgical stabilization of hiatal hernia and gasatrosophageal reflux associated with idiopathic inflammatory polymyopathy in a Wire Fox Terrier	172
KIM TS, SEO JA, OH TH, PARK JK, JEONG KS, HONG IH: Congenital ichthyosis in a Maltese dog: A case report	546
LEE S, KANG MS, JEONG Y, KIM Y, KWAK HH, CHOI EW, CHOI S, PARK I, CHUNG JY, CHOI JH, AHN JO: Clinical and immunohistochemical findings of splenic mast cell tumour in a cat: A case report	498
NOH D, SHIN B, SHIN HG, LEE K: Imaging diagnosis of paranasal sinus mucocele in a Yorkshire Terrier dog	539
NOWICKI A, JAWORSKA J, BARANSKI W: Leech therapy in the treatment of a penile haematoma in a stallion	266
OLIVEIRA REM, ATTADEMO FLN, GALVINCIO JS, FREIRE ACB, SILVA AS, PIRES JML, LIMA LRP, AGUIAR JMF, MOREIRA AB, MELO LIS, GAVILAN SA, LIMA SA, LIMA MA, SILVA FJL, OLIVEIRA MF: Successful rehabilitation of an oiled sea turtle (<i>Lepidochelys olivacea</i>) affected by the biggest oil spill disaster in Brazil	313
PENNASILICO L, DI BELLA C, BOTTO R, MURGIA E, RICCIO V, PICCIONELLO AP: Use of micro-grafts in a chronic infected open wound after limb amputation in a cat	448
PINNA S, TASSANI C, ROSSINI M, LANZI F: External fixator for the treatment of narrowed pelvic canal in a cat	356
RUIZ-SUAREZ N, BHATTI SFM, HERMANS M, SILVA CB, HESTA M: Food hypersensitivity and feline hyperaesthesia syndrome (FHS): A case report	363
SANTOS DL, CHAVES JF, SOUTO MP, LIMA GMM, SIQUEIRA JS, SOUSA SS, SILVA GS, MOURA MAO, RIBAS PS, SCHWANKE K, BEZERRA JUNIOR PS, TEIXEIRA PPM: Episectomy and partial vaginectomy with urethroplasty for excision of vulvar mast cell tumour in a female dog	121
SOCHA PA, SOCHA BM: Congenital hydrocephalus in a Maine Coon foetus detected using ultrasound during pregnancy	456
TROVATELLI M, SALA G, ROMUSSI S, BOCCARDO A: An oesophageal benign stricture: Endoscopy treatment limitation and surgical management in a heifer	272