

VOLUME 57, CONTENTS

REVIEW ARTICLES

HRUSKA K, FRANEK M: Sulfonamides in the environment	1
BUKOWSKA D, KEMPISTY B, PIOTROWSKA H, WALCZAK R, SNIADEK P, DZIUBAN J, BRUSSOW KP, JASKOWSKI JM, NOWICKI M: The invasive and new non-invasive methods of mammalian oocyte and embryo quality assessment	169
SINKO J, RAJCHARD J, BALOUNOVA Z, FIKOTOVA L: Biologically active substances from water invertebrates	177
LANDA L: Pain in domestic animals and how to assess it	185
JAGLIC Z, CERVINKOVA D: Genetic basis of resistance to quaternary ammonium compounds – the <i>qac</i> genes and their role	275
VALLIYATE M, ROBINSON NG, GOODMAN JR: Current concepts in simulation and other alternatives for veterinary education	325
MOTA-ROJAS D, MARTINEZ-BURNES J, VILLANUEVA-GARCIA D, ROLDAN-SANTIAGO P, TRUJILLO-ORTEGA ME, OROZCO-GREGORIO H, BONILLA-JAIME H, LOPEZ-MAYAGOITIA A: Animal welfare in the newborn piglet	338
WOZNA M, KEMPISTY B, PIOTROWSKA H, DORSZEWSKA J, BUKOWSKA D, NOWICKI M: The immunological, biochemical and molecular bases of canine senescence and carcinogenesis	350
EYER L, HRUSKA K: Single-domain antibody fragments derived from heavy-chain antibodies	439
FELSMANN MZ, SZAREK J, FELSMANN M, BABINSKA I: Factors affecting temporary cavity generation during gunshot wound formation in animals – new aspects in the light of flow mechanics	569
HRUSKA K, KAEVSKA M: Mycobacteria in water, soil, plants and air	623

ORIGINAL PAPERS

DOLEZEL R, RUZICKOVA K, MACECKOVA G: Growth of the dominant follicle and endometrial folding after administration of hCG in mares during oestrus	36
SCHEER P, SVERAKOVA V, DOUBEK J, JANECKOVA K, UHRIKOVA I, SVOBODA P: Basic values of M-mode echocardiographic parameters of the left ventricle in outbred Wistar rats	42
FARAHPOUR MR, HABIBI M: Evaluation of the wound healing activity of an ethanolic extract of Ceylon cinnamon in mice	53
AWAH-NDUKUM J, KUDI AC, BRADLEY G, ANE-ANYANGWE I, TITANJI VPK, FON-TEBUG S, TCHOUMBOUE J: Prevalence of bovine tuberculosis in cattle in the highlands of Cameroon based on the detection of lesions in slaughtered cattle and tuberculin skin tests of live cattle	59
SABOL F, DANCAKOVA L, GAL P, VASILENKO T, NOVOTNY M, SMETANA K, LENHARDT L: Immunohistological changes in skin wounds during the early periods of healing in a rat model	77
VANGROENWEGHE F, SULS L, VAN DRIESSCHE E, MAES D, DE GRAEF E: Health advantages of transition to batch management system in farrow-to-finish pig herds	83
STANIMIROVIC M, PETRUJKIC B, DELIC N, DJELIC N, STEVANOVIC J, STANIMIROVIC Z: Dietary conjugated linoleic acid influences the content of stearic acid in porcine adipose tissue	92

KASNY M, BERAN L, SIEGLOVA V, SIEGEL T, LEONTOVYC R, BERANKOVA K, PANKRAC J, KOSTAKOVA M, HORAK P: Geographical distribution of the giant liver fluke (<i>Fascioloides magna</i>) in the Czech Republic and potential risk of its further spread	101
BARTOVA E, SEDLAK K: <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> antibodies in goats in the Czech Republic	111
KOSINOVA E, BENDOVA J, VASICKOVA P, SMITALOVA R, PRODELALOVA J: The prevalence of hepatitis E virus in piglets on Czech pig production farms and phylogenetic analysis of recovered isolates	115
MOHAMMAD FK, MANSOOR AS, AL-ZUBAIDY MHI: Comparative single intraperitoneal dose pharmacokinetics of aspirin and acetaminophen in chicks	121
LOBOVA D, KOHOUTOVA L, MOLINKOVA D, ROSENBERGOVA K, KUBICEK O, CELER V: Prevalence of etiological agents of selected respiratory infections in chicken and turkey farms in the Czech Republic	125
PRINOSILOVA P, RYBAR R, ZAJICOVA A, HLAVICOVA J: DNA integrity in fresh, chilled and frozen-thawed canine spermatozoa	133
MOMTAZ H, RAHIMI E, MOSHKELANI S: Molecular detection of antimicrobial resistance genes in <i>E. coli</i> isolated from slaughtered commercial chickens in Iran	193
GUPTA K, SOOD NK: Pathological and immunohistochemical studies on rare cases of primary extra-genital transmissible venereal tumours in the mammary gland	198
UHRIKOVA I, REHAKOVA K, RAUSEROVA-LEXMAULOVA L, LOJEK A, DOUBEK J: Total antioxidant capacity in dogs with gastric dilatation and volvulus	207
MATLOVA L, KAEVSKA M, MORAVKOVA M, BERAN V, SHITAYE JE, PAVLIK I: Mycobacteria in peat used as a supplement for pigs: failure of different decontamination methods to eliminate the risk	212
PAVLATA L, MISUROVA L, PECHOVA A, HUSAKOVA T, DVORAK R: Direct and indirect assessment of selenium status in sheep – a comparison	219
ADAMSKA M, LEONSKA-DUNIEC A, SAWCZUK M, MACIEJEWSKA A, SKOTARCZAK B: Recovery of <i>Cryptosporidium</i> from spiked water and stool samples measured by PCR and real time PCR	224
WANG H, NIU YY, SI W, LI YJ, YAN Y: Reference data of clinical chemistry, haematology and blood coagulation parameters in juvenile cynomolgus monkeys (<i>Macaca fascicularis</i>)	233
ERDOGAN S: The branching of the aortic arch in the Eurasian bittern (<i>Botaurus stellaris</i> , Linnaeus 1758) ...	239
VRSKOVA D, MODRA H: Evaluation of the developmental toxicity of 2-phenoxyethanol and clove oil anaesthetics using the Frog Embryo Teratogenesis Assay: <i>Xenopus</i> (FETAX)	245
SKOCZYLAS B, BRUDNICKI W, NOWICKI W, KIRKILLO-STACEWICZ K, JABLONSKI R, WACH J: The cortical branches of the middle cerebral artery in the otter (<i>Lutra lutra</i>)	282
DURMUS AS, YAMAN M, CAN HN: Effects of <i>extractum cepae</i> , heparin, allantoin gel and silver sulfadiazine on burn wound healing: an experimental study in a rat model	287
WIECZOREK K, SZEWCZYK R, OSEK J: Prevalence, antimicrobial resistance, and molecular characterization of <i>Campylobacter jejuni</i> and <i>C. coli</i> isolated from retail raw meat in Poland	293
VERBRUGGHE A, JANSSENS GPJ, HESTA M: Palatability of different concentrations of a liquid nutritional supplement in healthy cats and dogs of different ages and breeds	300
PRIETO M, BARRIO M, QUINTELA LA, PEREZ-MARIN CC, BECERRA JJ, VIGO M, DIAZ C, CAINZOS J, PRIETO A, FERNANDEZ FI, MARTINEZ D, HERRADON PG: Validation of a simple method for the interpretation of uterine cytology in cows	360
LANDA L, SLAIS K, SULCOVA A: The effect of felbamate on behavioural sensitization to methamphetamine in mice	364

ALAM MR, KIM WI, KIM JW, NA CS, KIM NS: Effects of Chitosan-oligosaccharide on diarrhoea in Hanwoo calves	385
PECHOVA A, SEVCIKOVA L, PAVLATA L, DVORAK R: The effect of various forms of selenium supplied to pregnant goats on selected blood parameters and on the concentration of Se in urine and blood of kids at the time of weaning	394
MOBINI B: Histological and histochemical studies on the Harderian gland in native chickens	404
ZUR G, SKORINSKY I, BDOLAH-ABRAM T: Canine atopic dermatitis in the Middle East: clinical signs, signalment and common allergens	410
DEMIRUTKU A, OZER K, DEVECIOGLU Y, MUTLU Z, DUZGUN O, ERAVCI E, HAKTANIR D, ARUN SS: Pinnal squamous cell carcinoma in cats and the effectiveness of treatment with radical pinnectomy	420
AYDIN A, KARAN M: The spinal nerves forming the brachial plexus in mole-rats (<i>Spalax leucodon</i>)	430
CENGIZ O, KOKSAL BH, TATLI O, SEVIM O, AVCI H, EPIKMEN T, BEYAZ D, BUYUKYORUK S, BOYACIOGLU M, UNER A, ONOL AG: Influence of dietary organic acid blend supplementation and interaction with delayed feed access after hatch on broiler growth performance and intestinal health	515
TAMURA K, NAGASHIMA N, ODA H, KUNIMI M, ITOI T, YASUKAWA M, MIYATA T, TERAKADO K, TAKEMITSU H: Investigations into the lymphocyte phenotypes and the presence of rheumatoid factor and antinuclear antibody in the peripheral blood of 515 dogs	529
SPINELLA G, VILAR JM, ANASTASI C, SANTANA A, PRATI U, ROVEDA L, RICCIARDI G, BRITTI D: Three combinations of clonidine in association with tiletamine-zolazepam for anaesthesia induction in rats: evaluation of reflexes and pain sensibility	536
LANDA L, SLAIS K, SULCOVA A: The effect of memantine on behavioural sensitisation to methamphetamine in mice	543
CHROUST K, VODNANSKY M, PIKULA J: Parasite load of European brown hares in Austria and the Czech Republic	551
ERDEMIR A, AKTAS M, DUMANLI N, TURGUT-BALIK D: Isolation, cloning and sequence analysis of lactate dehydrogenase gene from <i>Theileria annulata</i> may lead to design of new antitheilerial drugs	559
SIUGZDAITE J, GABINAITIENE A, KERZIENE S: Susceptibility of <i>Mycoplasma bovis</i> field isolates to antimicrobial agents	575
DE UK, MUKHERJEE R: Dynamics of milk leukocytes in response to intramammary infusion of amoxicillin plus sulbactam during bovine subclinical mastitis	583
ADAMU L, NORANIZA MA, RASEDEE A, BASHIR A: Metabolic responses in endurance horses during racing in relation to uric acid profile, leucocytes, heart rate and plasma biochemical parameters	591
LEDECKY V, KNAZOVICKY D, BADIDA M, DULEBOVA L, HLUCHY M, HORNÁK S: Mechanical testing of orthopaedic suture material and a crimp clamp system for the extracapsular stabilisation of canine cruciate-deficient stifles	597
LANDA L, SLAIS K, SULCOVA A: The effect of sertindole on behavioural sensitisation to methamphetamine in mice	603
CASE REPORTS	
KUMMEL J, KRAMETTER-FROETSCHER R, SIX G, BRUNTHALER R, BAUMGARTNER W, ALTENBRUNNER-MARTINEK B: Descriptive study of botulism in an Austrian dairy herd	143
JELINEK F, HOZMANOVA F: Lymphoma of the trachea in a cat	150
KLEIN D, PROSL H, THALLER D, FLOECK M: Diagnosis of a <i>Dicrocoelium dendriticum</i> infection in New World Camelids	154

SKORIC M, MRLIK V, SVOBODOVA J, BERAN V, SLANY M, FICTUM P, POKORNY J, PAVLIK I: Infection in a female Komodo dragon (<i>Varanus komodoensis</i>) caused by <i>Mycobacterium intracellulare</i>	163
OTROCKA-DOMAGALA I, PROCAJLO Z, PAZDZIOR K, GESEK M, ROTKIEWICZ T, SZWEDA W: Immunohistochemical profile of multicentric cutaneous epitheliotropic T-cell lymphoma with generalised lymphadenopathy in a Holstein-Friesian cow	251
Kim IS, Kim CS, Lee KC, Kim NS, Kim MS, Alam MR, Lee HB: Treatment of an infected total knee replacement with two-stage arthrodesis in a dog	258
BLUTKE A, KNEBEL J, BRÜHSCHWEIN A, BREUER W, HERMANN S W: Hemangiopericytoma in a cat	263
ADAMIAK Z, POMIANOWSKI A, OTROCKA-DOMAGALA I, JASKOLSKA M: Magnetic resonance imaging of a sacral bone with telangiectatic osteosarcoma in a dog	270
OGE H, OGE S, GONENC B, OZBAKIS G, ASTI C: Coenurosis in the lumbar region of a goat	308
AVCI H, YAYGINGUL R, GULTEKIN M, EPIKMEN ET, URAL K, BELGE A, BIRINCIOLU SS: Primary intestinal fibrosarcoma caused by intestinal perforation in a dog	314
OZMEN O: Cholangiocarcinoma in a Ring-Necked Pheasant (<i>Phasianus colchicus</i>)	320
SOOD NK, SANDHU BS, GUPTA K, NARANG D, VASUDEVA K, SINGH ND: Mesenteric caseous lymphadenitis in a cow calf caused by <i>Corynebacterium pseudotuberculosis</i>	371
ABOUELNASR K, ISHII M, INOKUMA H, KOBAYASHI Y, LEE K, YAMADA K: Atresia coli in a Japanese black calf diagnosed by a barium sulphate enema contrast radiograph in the standing position	376
KRALOVA-KOVARIKOVA S, HUSNIK R, HONZAK D, KOHOUT P, FICTUM P: <i>Stenotrophomonas maltophilia</i> urinary tract infections in three dogs	380
GARCIA-SANCHO M, RODRIGUEZ-FRANCO F, RODRIGUEZ-BERTOS A, CARRASCO V, VILLAESCUSA A, SAINZ A: Transient ileocolic intussusception in a dog with histiocytic ulcerative tiflocolitis	434
MARYCZ K, GRZESIAK J, WRZESZCZ K, GOLONKA P: Adipose stem cell combined with plasma-based implant bone tissue differentiation <i>in vitro</i> and in a horse with a <i>phalanx digitalis distalis</i> fracture	610
PALUMBO PICCIONELLO A, DINI F, TAMBELLA AM, CERQUETELLA M, VULLO C: Hypertrophic osteopathy associated with a bronchial foreign body (grass awn) in a dog	618

AUTHOR INDEX

- ABOUELNASR K ... 376
ADAMIAK Z ... 270
ADAMSKA M ... 224
ADAMU L ... 591
AKTAS M ... 559
ALAM MR ... 258, 385
ALTENBRUNNER-MARTINEK B ... 143
AL-ZUBAIDY MHI ... 121
ANASTASI C ... 536
ANE-ANYANGWE I ... 59
ARUN SS ... 420
ASTI C ... 308
AVCI H ... 314, 515
AWAH-NDUKUM J ... 59
AYDIN A ... 430
- BABINSKA I ... 569
BADIDA M ... 597
BALOUNOVA Z ... 177
BARRIO M ... 360
BARTOVA E ... 111
BASHIR A ... 591
BAUMGARTNER W ... 143
BDOLAH-ABRAM T ... 410
BECERRA JJ ... 360
BELGE A ... 314
BENDOVA J ... 115
BERAN L ... 101
BERAN V ... 163, 212
BERANKOVA K ... 101
BEYAZ D ... 515
BIRINCIOGLU SS ... 314
BLUTKE A ... 263
BONILLA-JAIME H ... 338
BOYACIOGLU M ... 515
BRADLEY G ... 59
BREUER W ... 263
BRITTI D ... 536
BRUDNICKI W ... 282
BRUHSCHWEIN A ... 263
BRUNTHALER R ... 143
BRUSSOW KP ... 169
BUKOWSKA D ... 169, 350
BUYUKYORUK S ... 515
- CAINZOS J ... 360
CAN HN ... 287
CARRASCO V ... 434
- CELER V ... 125
CENGIZ O ... 515
CERQUETELLA M ... 618
CERVINKOVA D ... 275
CHROUST K ... 551
- DANCAKOVA L ... 77
DE GRAEF E ... 83
DE UK ... 583
DELIC N ... 92
DEMIRUTKU A ... 420
DEVECIOGLU Y ... 420
DIAZ C ... 360
DINI F ... 618
DJELIC N ... 92
DOLEZEL R ... 36
DORSZEWSKA J ... 350
DOUBEK J ... 42, 207
DULEBOVA L ... 597
DUMANLI N ... 559
DURMUS AS ... 287
DUZGUN O ... 420
DVORAK R ... 219, 394
DZIUBAN J ... 169
- EPIKMEN T ... 314, 515
ERAVCI E ... 420
ERDEMIR A ... 559
ERDOGAN S ... 239
EYER L ... 439
- FARAHPOUR MR ... 53
FELSMANN M ... 569
FELSMANN MZ ... 569
FERNANDEZ FI ... 360
FICTUM P ... 163, 380
FIKOTOVA L ... 177
FLOECK M ... 154
FON-TEBUG S ... 59
FRANEK M ... 1
- GABINAITIENE A ... 575
GAL P ... 77
GARCIA-SANCHO M ... 434
GESEK M ... 251
GOLONKA P ... 610
GONENC B ... 308
GOODMAN JR ... 325

- GRZESIAK J ... 610
GULTEKIN M ... 314
GUPTA K ... 198, 371
- HABIBI M ... 53
HAKTANIR D ... 420
HERMANN S W ... 263
HERRADON PG ... 360
HESTA M ... 300
HLAVICOVA J ... 133
HLUCHY M ... 597
HONZAK D ... 380
HORAK P ... 101
HORNÁK S ... 597
HOZMANOVA F ... 150
HRUSKA K ... 1, 439, 623
HUSAKOVA T ... 219
HUSNIK R ... 380
- INOKUMA H ... 376
ISHII M ... 376
ITO I T ... 529
- JABLONSKI R ... 282
JAGLIC Z ... 275
JANECKOVA K ... 42
JANSSENS GPJ ... 300
JASKOLSKA M ... 270
JASKOWSKI JM ... 169
JELINEK F ... 150
- KAEVSKA M ... 212, 623
KARAN M ... 430
KASNY M ... 101
KEMPISTY B ... 169, 350
KERZIENE S ... 575
KIM CS ... 258
KIM IS ... 258
KIM JW ... 385
KIM MS ... 258
KIM NS ... 258, 385
KIM WI ... 385
KIRKILLO-STACEWICZ K ... 282
KLEIN D ... 154
KNAZOVICKY D ... 597
KNEBEL J ... 263
KOBAYASHI Y ... 376
KOHOUT P ... 380
KOHOUTOVA L ... 125
KOKSAL BH ... 515
KOSINOVA E ... 115
KOSTAKOVA M ... 101
- KRALOVA-KOVARIKOVA S ... 380
KRAMETTER-FROETSCHER R ... 143
KUBICEK O ... 125
KUDI AC ... 59
KUMMEL J ... 143
KUNIMI M ... 529
- LANDA L ... 185, 364, 543, 603
LEDECKY V ... 597
LEE HB ... 258
LEE K ... 376
LEE KC ... 258
LENHARDT L ... 77
LEONSKA-DUNIEC A ... 224
LEONTOVYC R ... 101
LI YJ ... 233
LOBOVA D ... 125
LOJEK A ... 207
LOPEZ-MAYAGOITIA A ... 338
- MACECKOVA G ... 36
MACIEJEWSKA A ... 224
MAES D ... 83
MANSOOR AS ... 121
MARTINEZ D ... 360
MARTINEZ-BURNES J ... 338
MARYCZ K ... 610
MATLOVA L ... 212
MISUROVA L ... 219
MIYATA T ... 529
MOBINI B ... 404
MODRA H ... 245
MOHAMMAD FK ... 121
MOLINKOVA D ... 125
MOMTAZ H ... 193
MORAVKOVA M ... 212
MOSHKELANI S ... 193
MOTA-ROJAS D ... 338
MRLIK V ... 163
MUKHERJEE R ... 583
MUTLU Z ... 420
- NA CS ... 385
NAGASHIMA N ... 529
NARANG D ... 371
NIU YY ... 233
NORANIZA MA ... 591
NOVOTNY M ... 77
NOWICKI M ... 169, 350
NOWICKI W ... 282

- ODA H ... 529
OGE H ... 308
OGE S ... 308
ONOL AG ... 515
OROZCO-GREGORIO H ... 338
OSEK J ... 293
OTROCKA-DOMAGALA I ... 251, 270
OZBAKIS G ... 308
OZER K ... 420
OZMEN O ... 320
- PALUMBO PICCIONELLO A ... 618
PANKRAC J ... 101
PAVLATA L ... 219, 394
PAVLIK I ... 163, 212
PAZDZIOR K ... 251
PECHOVA A ... 219, 394
PEREZ-MARIN CC ... 360
PETRUJKIC B ... 92
PIKULA J ... 551
PIOTROWSKA H ... 169, 350
POKORNY J ... 163
POMIANOWSKI A ... 270
PRATI U ... 536
PRIETO A ... 360
PRIETO M ... 360
PRINOSILOVA P ... 133
PROCAJLO Z ... 251
PRODELALOVA J ... 115
PROSL H ... 154
- QUINTELA LA ... 360
- RAHIMI E ... 193
RAJCHARD J ... 177
RASEDEE A ... 591
RAUSEROVA-LEXMAULOVA L ... 207
REHAKOVA K ... 207
RICCIARDI G ... 536
ROBINSON NG ... 325
RODRIGUEZ-BERTOS A ... 434
RODRIGUEZ-FRANCO F ... 434
ROLDAN-SANTIAGO P ... 338
ROSENBERGOVA K ... 125
ROTKIEWICZ T ... 251
ROVEDA L ... 536
RUZICKOVA K ... 36
RYBAR R ... 133
- SABOL F ... 77
SAINZ A ... 434
SANDHU BS ... 371
- SANTANA A ... 536
SAWCZUK M ... 224
SCHEER P ... 42
SEDLAK K ... 111
SEVCIKOVA L ... 394
SEVIM O ... 515
SHITAYE JE ... 212
SI W ... 233
SIEGEL T ... 101
SIEGELOVA V ... 101
SINGH ND ... 371
SINKO J ... 177
SIUGZDAITE J ... 575
SIX G ... 143
SKOCZYLAS B ... 282
SKORIC M ... 163
SKORINSKY I ... 410
SKOTARCZAK B ... 224
SLAIS K ... 364, 543, 603
SLANY M ... 163
SMETANA K ... 77
SMITALOVA R ... 115
SNIADEK P ... 169
SOOD NK ... 198, 371
SPINELLA G ... 536
STANIMIROVIC M ... 92
STANIMIROVIC Z ... 92
STEVANOVIC J ... 92
SULCOVA A ... 364, 543, 603
SULS L ... 83
SVERAKOVA V ... 42
SVOBODA P ... 42
SVOBODOVA J ... 163
SZAREK J ... 569
SZEWCZYK R ... 293
SZWEDA W ... 251
- TAKEMITSU H ... 529
TAMBELLA AM ... 618
TAMURA K ... 529
TATLI O ... 515
TCHOUMBOUE J ... 59
TERAKADO K ... 529
THALLER D ... 154
TITANJI VPK ... 59
TRUJILLO-ORTEGA ME ... 338
TURGUT-BALIK D ... 559
- UHRIKOVA I ... 42, 207
UNER A ... 515
URAL K ... 314

VALLIYATE M ... 325	WACH J ... 282
VAN DRIESSCHE E ... 83	WALCZAK R ... 169
VANGROENWEGHE F ... 83	WANG H ... 233
VASICKOVA P ... 115	WIECZOREK K ... 293
VASILENKO T ... 77	WOZNA M ... 350
VASUDEVA K ... 371	WRZESZCZ K ... 610
VERBRUGGHE A ... 300	
VIGO M ... 360	YAMADA K ... 376
VILAR JM ... 536	YAMAN M ... 287
VILLAESCUSA A ... 434	YAN Y ... 233
VILLANUEVA-GARCIA D ... 338	YASUKAWA M ... 529
VODNANSKY M ... 551	YAYINGUL R ... 314
VRSKOVA D ... 245	
VULLO C ... 618	ZAJICOVA A ... 133
	ZUR G ... 410

AUTHOR INSTITUTION INDEX

Austria

University of Veterinary Medicine, Vienna 143, 154

Bangladesh

Bangladesh Agricultural University, Mymensingh 258, 385

Belgium

Animal Health Care Flanders, Torhout 83

AntiMicrobial Consumption and Resistance in Animals, Merelbeke 83

Elanco Animal Health, Brussels 83

Ghent University, Merelbeke 83, 300

Cameroon

University of Buea, Buea 59

University of Dschang, Dschang 59

University of Ngaoundere, Ngaoundere 59

Canada

University of Prince Edward Island, Charlottetown 338

China

Kunming Biomed International and Yunnan Key Lab of Nonhuman Primate Disease Model, Kunming 233

Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming 233

Czech Republic

Administration of the Kokorinsko Protected Landscape Area, Melnik 101

Baby Horse Center, Beroun 36

Charles University, Prague 77, 101

Masaryk University, Brno 364, 543, 603

National Institute for Nuclear, Chemical and Biological Protection, Kamenna 125

Private Veterinary Practices, Velke Nemcice 36

Regional Institute of Public Health, Brno 163

St. Anne's University Hospital, Brno 42

State Veterinary Institute, Prague 111

Trauma Hospital, Brno 42

University of South Bohemia in Ceske Budejovice 177

University of Veterinary and Pharmaceutical Sciences, Brno 36, 42, 111, 125, 163, 185, 207, 219, 245,
364, 380, 394, 543, 551, 603

Veterinary Clinic Erika, Prague 150

Veterinary Histopathological Laboratory, Prague 150

Veterinary Office StarVet, Stary Plzenec 163

Veterinary Research Institute, Brno 1, 115, 133, 163, 212, 275, 439, 623

Egypt

Mansoura University, Mansoura 376

Germany

Bavarian State Office for Health and Food Safety, Oberschleißheim	263
Christian-Albrechts-University, Kiel	59
Leibniz Institute for Farm Animal Biology, Dummerstorf	169
Ludwig-Maximilians-University, Munich	263

India

Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab	198, 371
Veterinary Affairs People for the Ethical Treatment of Animals India, Juhu, Mumbai	325
Veterinary Research Institute, Izatnagar, Uttar Pradesh	583

Iran

Islamic Azad University, Urmia Branch, Urmia	53
Islamic Azad University, Shahrekord Branch, Shahrekord	193, 404

Iraq

University of Mosul, Mosul	121
----------------------------------	-----

Israel

Hebrew University of Jerusalem, Rehovot	410
Monosson VetDerm Referrals, Monosson	410

Italy

University of Camerino, Matelica	618
University of Catanzaro, Germaneto	536
Veterinary practitioner, Catanzara	536
Veterinary practitioner, Vicenza	536

Japan

Aikouishida Animal Hospital, Kanagawa	529
Nippon Veterinary and Life Science University, Tokyo	529
Obihiro University of Agriculture and Veterinary Medicine, Obihiro	376

Lithuania

Lithuanian University of Health Science, Veterinary Academy, Kaunas	575
---	-----

Malaysia

University Putra Malaysia, Serdang, Selangor	591
--	-----

Mexico

Autonomous University of Tamaulipas, Tamaulipas	338
Children’s Hospital of Mexico “Federico Gomez”, Mexico	338
Metropolitan Autonomous University, Iztapalapa, Mexico	338
Metropolitan Autonomous University-Xochimilco, Mexico	338
National Autonomous University of Mexico, Mexico	338

Nigeria

Ahmadu Bello University, Zaria	59
--------------------------------------	----

Poland

Equivet Horse Hospital, Gliwice	610
National Veterinary Research Institute, Pulawy	293
Nicolaus Copernicus University, Torun	569

Poznan University of Life Sciences, Poznan	169, 350
Poznan University of Medical Sciences, Poznan	169, 350
University of Environmental and Life Sciences, Wroclaw	610
University of Szczecin, Szczecin	224
University of Technology and Life Sciences, Bydgoszcz	282
University of Warmia and Mazury, Olsztyn	251, 270, 569
Wroclaw University of Technology, Wroclaw	169
Republic of Korea	
Chonbuk National University, Jeonju	258, 385
Seonam University, Namwon	385
Serbia	
Belgrade University, Belgrade	92
Institute for Animal Husbandry, Zemun	92
Resinex FAC d.o.o., Novi Sad	92
Slovak Republic	
East-Slovak Institute of Cardiovascular Diseases, Kosice	77
Kosice-Saca Hospital, Kosice	77
Pavol Jozef Safarik University, Kosice	77
Slovak Health University, Kosice	77
Technical University of Kosice, Kosice	597
University of Veterinary Medicine and Pharmacy, Kosice	77, 597
Spain	
Complutense University of Madrid, Madrid	434
Unit of Embryo Transfer (FEFRIGA), Bos, A coruna	360
University of Cordoba, Cordoba	360
University of Las Palmas de Gran Canaria, Gran Canaria	536
University of Santiago de Compostela, Lugo,	360
Turkey	
Adnan Menderes University, Aydin	314, 515
Ankara University, Ankara	308
Dicle University, Diyarbakir	202, 239
Firat University, Elazig	287, 430, 559
Istanbul University, Istanbul	420
University of Mehmet Akif Ersoy, Burdur	320
Yildiz Technical University, Istanbul	559
United Kingdom	
University of Plymouth, Plymouth	59
USA	
Colorado State University, Fort Collins, CO	325
Laboratory Investigations People for the Ethical Treatment of Animals, Washington, DC	325

In 2012, the journal Veterinarni Medicina published 45 original papers, 11 review articles, 17 case reports, written by 304 authors from 92 institutions of 27 countries.

LIST OF REVIEWERS

Acknowledgement of the reviewers

There is no possibility of publishing a scientific journal without the invaluable help of reviewers. They assess the novelty of results and interpret them in the correct light, they teach hundreds of people for whom they usually remain unknown for ever. The great help of Neysan Donnelly of the Max Planck Institute of Biochemistry, Munich, Germany, in language revision of nearly all published papers is also acknowledged. The following 114 experts from 27 countries (Australia, Austria, Belgium, Canada, Czech Republic, Denmark, France, Germany, Greece, Hungary, India, Israel, Japan, Malaysia, Norway, Pakistan, Poland, Portugal, Slovak Republic, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, United Kingdom and United States of America) accepted our invitation to review manuscripts in 2012 and have contributed enormously to maintaining the standard of the journal. Both authors and editors are very grateful to the following colleagues:

Agerholm JS, Copenhagen, Denmark	Groubels S, Merelbeke, Belgium
Angelidis AS, Thessaloniki, Greece	Hafez HM, Berlin, Germany
Anger M, Brno, Czech Republic	Havlicek V, Vienna, Austria
Aranaz A, Madrid, Spain	Henke J, Mietingen, Germany
Araujo JM, Toronto, Canada	Hera A, Brno, Czech Republic
Azevedo C, Porto, Portugal	Hill M, Prague, Czech Republic
Barnes HJ, Raleigh, USA	Hoedemaker M, Hannover, Germany
Besser TE, Pullman, USA	Holmes MA, Cambridge, UK
Bhat MA, Jaminu, India	Hruska K, Brno, Czech Republic
Burvenich C, Merelbeke, Belgium	Janssens G, Ghent, Belgium
Carbonero A, Cordoba, Spain	Jelinek F, Prague, Czech Republic
Carmichael S, Glasgow, UK	Juntes P, Ljubljana, Slovenia
Caswell JL, Guelph, Canada	Jurica J, Brno, Czech Republic
Cepica S, Libechov, Czech Republic	Kaevska M, Brno, Czech Republic
Cock IE, Brisbane, Australia	Kastelic JP, Lethbridge, Canada
Coldham NG, Addlestone, UK	Kazda J, Kiel, Germany
Cook JKA, Huntingdon, UK	Khan MZ, Faisalabad, Pakistan
Corr S, Nottingham, UK	Kitagawa M, Kanagawa, Japan
Cousins DV, Melbourne, Australia	Kockar F, Balikesir, Turkey
Craig TM, College Station, USA	Kovarcik K, Brno, Czech Republic
Daxnerova Z, Kosice, Slovak Republic	Kralik P, Brno, Czech Republic
Faldyna M, Brno Czech Republic	Kucera T, Prague, Czech Republic
Falkinham JO, Blacksburg, USA	Lamka J, Hradec Kralove, Czech Republic
Flecknell P, Newcastle, UK	Langlais LM, Cambridge, Canada
Fliss I, Quebec, Canada	Larsen JA, Davis, USA
Fodor L, Budapest, Hungary	Longauer F, Kosice, Slovak Republic
Fossum TW, College Station, USA	MacKillop E, Pittsburgh, USA
Franek M, Brno, Czech Republic	Marounek M, Prague, Czech Republic
Freeman LM, North Grafton, USA	Melhorn H, Dusseldorf, Germany
Goldman E, Washington, USA	Meng XJ, Blackburg, USA
Gram L, Lyngby, Denmark	Michel AL, Onderspoort, South Africa
Grant IR, Belfast, UK	Michel KE, Philadelphia, USA

Mortensen A, Copenhagen, Denmark
Moser VC, Triangle Park, USA
Motlik J, Libechov, Czech Republic
Muyldermans S, Brussels, Belgium
Nagy B, Budapest, Hungary
Nayak P, Guntur, India
Necas A, Brno, Czech Republic
Niebauer G, Paris, France
Nicholas RAJ, Addlestone, UK
Novobilsky A, Uppsala, Sweden
Opriessnig T, Ames, USA
Orden JA, Madrid, Spain
Osek J, Pulawy, Poland
Papadopoulou C, Ioannina, Greece
Papich MG, Raleigh, USA
Pavlik I, Brno, Czech Republic
Pierzchala M, Jastrzebiec, Poland
Pokorny B, Velenie, Slovenia
Pospischil A, Zurich, Switzerland
Pribylova R, Brno, Czech Republic
Prochazka R, Libechov, Czech Republic
Rasedee A, Serdang, Malaysia
Rubes J, Brno, Czech Republic
Rychlik I, Brno, Czech Republic
Shahar R, Rehovoth, Israel

Schwarz S, Neustadt-Mariensee, Germany
Singh AK, Chicago, USA
Slana I, Brno, Czech Republic
Sogorb MA, Elche, Spain
Stabel JH, Ames, USA
Stadejek T, Warsaw, Poland
Strnad M, Olomouc, Czech Republic
Svoboda M, Brno, Czech Republic
Tenhagen BA, Berlin, Germany
Toman M, Brno, Czech Republic
Vanderhaeghen W, Ukkel, Belgium
Vatansever Z, Kars, Turkey
Vilcek S, Kosice, Slovakia
Vos AD, Rosslau, Germany
Voss K, Sydney, Australia
Waage S, Oslo, Norway
Watteyn A, Merelbeke, Belgium
Weiser GC, Calsdwell, USA
White SD, Davis, USA
Witzel A, Knoxville, USA
Yamada K, Obihiro, Japan
Yudelevich S, Rehovot, Israel
Zdunczyk S, Olsztyn, Poland
Zinsstag J, Basel, Switzerland
Zrieg R, Dusseldorf, Germany