

Zoznam najvýznamnejších publikácií

ADC Omelka, Radoslav - Vašíček, Dušan - Martiniaková, Monika - Bulla, Jozef - Bauerová, Mária: Simultaneous detection of malignant hyperthermia and genetic predisposition for improved litter size in pigs by multiple, 2004.

In: Folia biologica (Krakov). - ISSN 0015-5497, Vol. 52, no. 1 (2004) p. 113-115.

ADC Martiniaková, Monika - Omelka, Radoslav - Chrenek, Peter - Vondráková, Mária - Bauerová, Mária: Age-related changes in histological structure of the femur in juvenile and adult rabbits: a pilot study, 2005.

In: Bulletin of the Veterinary Institute in Pulawy. - ISSN 0042-4870, Vol. 49, no. 2 (2005), p. 227-230.

ADC Omelka, Radoslav - Bauerová, Mária - Mlynek, Juraj - Buchová, Blanka - Peškovičová, Dana - Bulla, Jozef: Effect of the oestrogen receptor (ESR) gene on reproductive traits of Large White, White Meaty and Landrace pigs, 2005.

In: Czech Journal of Animal Science. - ISBN 1212-1819, Roč. 50, č. 6 (2005), s. 249-253.

ADC Martiniaková, Monika - Omelka, Radoslav - Chrenek, Peter - Ryban, Ľuboš - Parkányi, Vladimír - Grosskopf, Birgit - Vondráková, Mária - Bauerová, Mária: Changes of femoral bone tissue microstructure in transgenic rabbits, 2005.

In: Folia Biologica (Praha). - ISSN 0015-5500, Roč. 51, č. 5 (2005), s.140-144.

ADC Martiniaková, Monika - Omelka, Radoslav - Ryban, Ľuboš - Grosskopf, Birgit - Vondráková, Mária - Bauerová, Mária - Fabiš, Marián - Chrenek, Peter: Comparative study of compact bone tissue microstructure between non-transgenic and transgenic rabbits with WAP-hFVIII gene construct, 2006.

In: Anatomia histologia embryologia. - ISSN 0340-2096, Vol. 35, no. 5 (2006), p. 310-315.

ADC Martiniaková, Monika - Grosskopf, Birgit - Omelka, Radoslav - Vondráková, Mária - Bauerová, Mária: Differences among species in compact bone tissue microstructure of mammalian skeleton: use of a discriminant function analysis for species identification, 2006.

In: Journal of Forensic Sciences. - ISSN 0022-1198, Vol. 51, no. 6 (2006), p. 1235-1239.

ADC Martiniaková, Monika - Grosskopf, Birgit - Vondráková, Mária - Omelka, Radoslav - Fabiš, Marián: Differences in femoral compact bone tissue microscopic structure between adult cows (*Bos taurus*) and pigs (*Sus scrofa domestica*), 2006.

In: Anatomia, histologia, embryologia. - ISSN 0340-2096, Vol. 35, no. 3 (2006), p. 167-170.

ADC Omelka, Radoslav - Peškovičová, Dana - Martiniaková, Monika - Bauer, Miroslav - Bauerová, Mária: Effect of the estrogen receptor (ESR) and ryanodine receptor (RYR1) genes on reproductive traits of Slovak Large White, White Meaty and Landrace pigs (short communication), 2006.

In: Archiv für Tierzucht - Archives of animal breeding. - ISSN 0003-9438, Vol. 49, no. 4 (2006), p. 357-362.

ADC Martiniaková, Monika - Bauerová, Mária - Vondráková, Mária - Omelka, Radoslav - Grosskopf, Birgit: Histological analysis of ovine compact bone tissue, 2007.

In: Journal of Veterinary Medical Science. - ISSN 0916-7250, Vol. 69, no. 4 (2007), p. 409-411.

ADC Martiniaková, Monika - Grosskopf, Birgit - Omelka, Radoslav - Dammers, Kim - Vondráková, Mária - Bauerová, Mária: Histological study of compact bone tissue in some mammals: a method for species determination, 2007.

In: International Journal of Osteoarchaeology. - ISSN 1047-482X, Vol. 17, no. 1 (2007), p. 82-90.

ADC Omelka, Radoslav - Martiniaková, Monika - Peškovičová, Dana - Bauerová, Mária: Associations between Alu I polymorphism in the prolactin receptor gene and reproductive traits of Slovak Large White, White Meaty and Landrace Pigs, 2008.

In: Asian-Australasian journal of animal sciences. - ISSN 1011-2367, Vol. 21, no. 4 (2008), p. 484-488.

ADC Martiniaková, Monika - Omelka, Radoslav - Grosskopf, Birgit - Sirotkin, Alexander V. - Chrenek, Peter: Sex-related variation in compact bone microstructure of the femoral diaphysis in juvenile rabbits, 2008.

In: Acta Veterinaria Scandinavica. - ISSN 0044-605X, Vol. 50, no. 15 (2008), p. 1-6.

ADC Sirotkin, Alexander V. - Chrenek, Peter - Rafay, Ján - Omelka, Radoslav - Vetr, Helga - Jurčík, Rastislav - Binder, B.R.: Some endocrine traits of transgenic rabbits. I. Changes in plasma and milk hormones, 2008.
In: *Physiological Research*. - ISSN 0862-8408, Vol. 57, no. 5 (2008), p. 735-743.

ADC Martiniaková, Monika - Omelka, Radoslav - Grosskopf, Birgit - Chovancová, Hana - Massányi, Peter - Chrenek, Peter: Effects of dietary supplementation of nickel and nickel-zinc on femoral bone structure in rabbits - art. no. 52, 2009.
In: *Acta Veterinaria Scandinavica*. - ISSN 0044-605X, Vol. 51 (2009), p. 52-53.

ADC Martiniaková, Monika - Omelka, Radoslav - Jančová, Alena - Stawarz, Róbert - Formicki, Grzegorz: Heavy metal content in the femora of yellow-necked mouse (*Apodemus flavicollis*) and wood mouse (*Apodemus sylvaticus*) from different types of polluted environment in Slovakia, 2010.
In: *Environmental Monitoring and Assessment*. - ISSN 0167-6369, Vol. 171, no. 1-4 (2010), p. 651-660.

ADC Martiniaková, Monika - Omelka, Radoslav - Grosskopf, Birgit - Jančová, Alena: Yellow-necked mice (*Apodemus flavicollis*) and bank voles (*Myodes glareolus*) as zoomonitors of environmental contamination at a polluted area in Slovakia, 2010.
In: *Acta Veterinaria Scandinavica* art. 58. - ISSN 0044-605X, Vol. 52, (2010) p. 58.

ADC Martiniaková, Monika - Omelka, Radoslav - Jančová, Alena - Stawarz, Róbert - Formicki, Grzegorz: Concentrations of selected heavy metals in bones and femoral bone structure of bank (*Myodes glareolus*) and common (*Microtus arvalis*) voles from different polluted biotopes in Slovakia, 2011.
In: *Archives of Environmental Contamination and Toxicology*. - ISSN 0090-4341, Vol. 60, no. 3 (2011), p. 524-532.

ADC Martiniaková, Monika - Chovancová, Hana - Omelka, Radoslav - Grosskopf, Birgit - Toman, Róbert: Effects of a single intraperitoneal administration of cadmium on femoral bone structure in male rats, 2011.
In: *ACTA VETERINARIA SCANDINAVICA*. - ISSN 0044-605X, Vol. 53 (2011), Article Number: 49.

ADC Luptáková, Lenka - Babelová, Andrea - Omelka, Radoslav - Kolena, Branislav - Vondráková, Mária - Bauerová, Mária: Sex determination of early medieval individuals through nested PCR using a new primer set in the SRY gene, 2011.
In: *Forensic Science International*. - ISSN 0379-0738, Vol. 207, no. 1-3 (2011), p. 1-5.

ADC Chovancová, Hana - Martiniaková, Monika - Omelka, Radoslav - Grosskopf, Birgit - Toman, Róbert: Structural changes in femoral bone tissue of rats after intraperitoneal administration of nickel, 2011.
In: *Polish Journal of Environmental Studies*. - ISSN 1230-1485, Vol. 20, no. 5 (2011), p. 1147-1152.

ADC Martiniaková, Monika - Omelka, Radoslav - Stawarz, Róbert - Formicki, Grzegorz: Accumulation of Lead, Cadmium, Nickel, Iron, Copper, and Zinc in Bones of Small Mammals from Polluted Areas in Slovakia, 2012.
In: *POLISH JOURNAL OF ENVIRONMENTAL STUDIES*. - ISSN 1230-1485, Vol. 21, no. 1 (2012), p. 153-158.

ADC Martiniaková, Monika - Omelka, Radoslav - Jančová, Alena - Formicki, Grzegorz - Stawarz, Róbert - Bauerová, Mária: Accumulation of risk elements in kidney, liver, testis, uterus and bone of free-living wild rodents from a polluted area in Slovakia, 2012.
In: *JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A : TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING*. - ISSN 1093-4529, Vol. 47, no. 9 (2012), p. 1202-1206.

ADC Martiniaková, Monika - Boboňová, Ivana - Omelka, Radoslav - Grosskopf, Birgit - Stawarz, Róbert - Toman, Róbert: Structural changes in femoral bone tissue of rats after subchronic peroral exposure to selenium, 2013.
In: *ACTA VETERINARIA SCANDINAVICA*. - ISSN 0044-605X, Vol. 55, no. 8 (2013), p. 1-6.

ADE Sutovsky, P. - Motlik, J. - Neuber, E - Pavlok, A - Schatten, G - Palecek, J - Hyttel, Poul - Adebayo, O. T. - Adwan, K - Alberio, R - Bagis, H - Bataineh, Z - Bjerregaard, B. - Bodo, S - Bryja, V - Carrington, M - Couf, M - De La Fuente, R - Diblík, J - Esner, M - Forejt, J - Fulka Jr., J - Geussova, G - Gjørret, J.O. - Libík, M - Hampl, A - Hassane, M. S. - Houshmand, M - Hozak, J - Jezova, M - Kania, G - Kanka, J. - Kandil, O. M. - Kishimoto, T - Klima, J - Kohoutek, J - Kopska, T - Kubelka, M - Lapathitis, G - Laurinčík, Jozef - Lefevre, B - Mihalik, J -

Novakova, M - Oko, R - Omelka, Radoslav - Owiny, D - Pachernik, J - Pacholikova, J - Peknicova, J - Pesty, A - Ponya, Z - Preclikova, H - Sloskova, A - Svoboda, P. - Strejček, František - Toth, S - Tepla, O - Valdivia, M - Vodicka, P - Zudova, D: Accumulation of the proteolytic marker peptide ubiquitin in the trophoblast of mammalian blastocysts, 2001.

In: Cloning and Stem Cells. - ISSN 1536-2302, Vol. 3, no. 3 (2001), p. 157-161.

ADE Martiniaková, Monika - Grosskopf, Birgit - Vondráková, Mária - Omelka, Radoslav - Fabiš, Marián: Observation of the microstructure of rat cortical bone tissue, 2005.

In: Scripta Medica. - ISSN 1211-3395, Vol. 78, no. 1 (2005), p. 45-50.

ADE Omelka, Radoslav - Martiniaková, Monika - Žofková, Ivana: Genetický výskum osteoporózy: možnosti a experimentálne východiská = Genetic research in osteoporosis : Perspectives and experimental bases, 2007.

In: Osteological bulletin. - ISSN 1211-3778, Vol. 12, no. 1 (2007), p. 11-17.

ADE Martiniaková, Monika - Omelka, Radoslav - Grosskopf, Birgit - Jančová, Alena - Stawarz, Róbert - Formicki, Grzegorz - Toman, Róbert: Accumulation of xenobiotics and biogenic elements in femora of yellow-necked mouse (*Apodemus flavicollis*) from different biotopes in relationship to bone structure, 2008.

In: Metal ions in biology and medicine. - Paris : John Libbey Eurotext, 2008. - ISBN 978-2-7420-0714-1, P. 39-44.

ADE Martiniaková, Monika - Omelka, Radoslav - Grosskopf, Birgit - Smoláriková, Vladimíra - Bauerová, Mária - Chrenek, Peter: Femoral bone microstructure in 1 month-old non-transgenic versus transgenic rabbits with the WAP-hFVIII gene construct, 2008.

In: Folia Biologica. - ISSN 0015-5500, Roč. 54, č. 1 (2008), s. 12-17.

ADE Rojas, Jesus E - Wilches, Miriam A - Cepeda, Libia A - Garcés, Maria F - Suarez, Miguel A - Baldrich, Rita M - Vélez, Cesar A - Guerrero, Mario F - Garcia, Martha R - Moreno, Iván H - Bravo, Susana B - Omelka, Radoslav - Caminos, Jorge E: Molecular diagnostics of porcine stress syndrome susceptibility associated with the Arg615Cys mutation using real-time PCR with fluorescent hybridization probes, 2008.

In: Revista Colombiana de Anestesiologia. - ISSN 0120-3347, Vol. 36, no. 1 (2008), p. 11-18.

ADE Galbavý, Drahomír - Omelka, Radoslav - Bauerová, Mária - Hunák, Otakar: Vzťah polymorfizmov v ESR, CALCR a VDR génoch k hustote kostného minerálu, markerom kostného obratu a výskytu fraktúr v populácii slovenských osteoporotických žien = ESR, CALCR and VDR gene polymorphisms and their relation to bone mineral density, bone turnover markers and incidence of fractures in Slovak osteoporotic women, 2010.

In: Osteologický Bulletin. - ISSN 1211-3778, Roč. 15, č. 4 (2010), s. 156-164.

AAB Bauerová, Mária - Bauer, Miroslav - Omelka, Radoslav: Analýza vybraných genetických markerov ošípanej metódou PCR. - Nitra : UKF, 2004. - 125 s. - ISBN 80-8050-734-1.

AAB Omelka, Radoslav - Galbavý, Drahomír - Krajčovičová, Vladimíra - Martiniaková, Monika - Bauerová, Mária: Analýza polymorfizmov v kandidátskych génoch vo vzťahu k osteoporóze. - Nitra : UKF, 2010. - 114 s. - ISBN 978-80-8094-778-1.

AAB Martiniaková, Monika - Chovancová, Hana - Boboňová, Ivana - Omelka, Radoslav: Účinky rizikových látok na štruktúru kostného tkaniva potkanov. - Nitra : UKF, 2013. - 187 s. - ISBN 978-80-558-0295-4.