

PUBLICATIONS

Peer-Reviewed Publications

1. Gordon DL, Radtke CL. Treatment of chronic sinusitis in a horse with systemic and intra-sinus antimicrobial therapy. *Can Vet J* 2017;58(3):289-292.
2. Gomez DE, Radtke CL, Russell LA, Lopez A, Wichtel M. Acute pancreatitis following granulosa cell tumor removal in a mare. *Can Vet J* 2015;56(10):1049-52.
3. Radtke CL, Nino-Fong R, Rodriguez-Lecompte JC, Esparza Gonzalez B, Stryhn H, McDuffee LA. Osteogenic potential of sorted equine mesenchymal stem cell subpopulations. *Can J Vet Res* 2015 Apr;79(2):101-8.
4. Muirhead TL, Pack L, Radtke CL. Unilateral Notomelia in a Newborn Holstein Calf. *Can Vet J* 2014;55(7):659-62.
5. Radtke CL, Nino-Fong R, Esparza Gonzalez BP, McDuffee LA. Application of a novel mesenchymal stem cell sorting system for equine mesenchymal stem cells. *Can J Vet Res* 2014 Oct;78(4):290-6.
6. Radtke CL, Nino-Fong R, Esparza Gonzalez BP, et al. Characterization and Osteogenic Potential of Equine Muscle Tissue and Periosteal Tissue-Derived Mesenchymal Stem Cells in Comparison with Bone Marrow and Fat Tissue-Derived Mesenchymal Stem Cells. *Am J Vet Res* 2013;74:790-800.
7. Bentley VA, Sample SJ, Livesey MA, Scollay MC, Radtke CL, Frank JD, Kalscheur VL, Muir P. Morphologic changes associated with functional adaptation of the navicular bone of horses. *J Anat* 211:662-672, 2007.
8. Morgan JW, Santschi EM, Zekas L, Scollay-Ward MC, Markel MD, Radtke CL, Sample SJ, Keuler NS, Muir P. Comparison of radiography and computed tomography to evaluate metacarpo- and metatarso-phalangeal joint pathology of paired limbs of Thoroughbred racehorses sustaining a severe condylar fracture. *Vet Surg* 35:611-617, 2006.
9. Muir P, McCarthy J, Radtke CL, Markel MD, Santschi EM, Scollay MC, Kalscheur VL. Role of endochondral ossification of articular cartilage and adaptation of the subchondral plate in the development of fatigue microcracking of joints. *Bone* 38:342-349, 2006.
10. Da Costa Gómez T, Barrett JG, Sample SJ, Radtke CL, Kalscheur VL, Lu Y, Santschi EM, Scollay MC, Markel MD, Muir P. Up-regulation of site-specific remodeling without accumulation of microcracking and loss of osteocytes. *Bone* 37:16-24, 2004.
11. Danova NA, Colopy SA, Radtke CL, Kalscheur VL, Markel MD, Vanderby Jr. R, McCabe RP, Escarcega AJ, Muir P. Degradation of bone structural properties by accumulation and coalescence of microcracks. *Bone* 33:197-205, 2003.
12. DaCosta Gómez T, Radtke CL, Kalscheur VL, Swain CA, Scollay MC, Edwards RB, Santschi EM, Markel MD, Muir P. Effect of focused and radial extracorporeal shockwaves on equine third metacarpal/third metatarsal bone microdamage. *Vet Surg* 33:49-55, 2004.
13. Stepnik MW, Radtke CL, Scollay MC, Oshel PE, Albrecht RM, Santschi EM, Markel MD, Muir P. Fractographic examination of third metacarpal/third metatarsal bone failure surfaces in Thoroughbred racehorses using scanning electron microscopy. *Vet Surg* 33:2-10, 2004.
14. Radtke CL, Danova NA, Scollay MC, Santschi EM, Markel MD, Muir P. Fatigue fracture of the condyles of the third metacarpal/third metatarsal bone in Thoroughbred racehorses. *Am J Vet Res* 64:1110-1116, 2003.