

Robert J. Kemppainen, DVM, PhD
Selected Publications

Broome MR, Peterson ME, **Kemppainen RJ**, Parker VJ, Richter KP. Exogenous thyrotoxicosis in dogs secondary to consumption of all-meat commercial dog food or treats: 14 cases (2008-2013). J Am Vet Med Assoc, 2014. (In press)

Kemppainen RJ, Behrend EN. Interpretation of endocrine diagnostic test results for adrenal and thyroid disease. Current Veterinary Therapy XV (Small Animal Practice), J Bonagura and D Twedt (eds), 2104.

Reid LE, Behrend EN, Martin LG, **Kemppainen RJ**, Ward CR, Lurye JC, Donovan TC, Lee HP. Effect of trilostane and mitotane on aldosterone secretory reserve in dogs with pituitary-dependent hyperadrenocorticism. J Vet Int Med 28:443-450, 2014.

Kemppainen RJ. Introduction to the Endocrine System: The Merck Veterinary Manual, 11th edition, 2013.

Kemppainen RJ. Inoculation of dogs with a recombinant ACTH Vaccine. Am J Vet Res 74:1499-1505, 2013.

Kemppainen RJ, Behrend EN. Acute inhibition of carboxypeptidase E expression in AtT-20 cells does not affect regulated secretion of ACTH. Regulatory Peptides 165:174-179, 2010.

Compton SL, **Kemppainen RJ**, Behrend EN. Prenylated Rab acceptor domain family member 1 is involved in stimulated ACTH secretion and inhibition. Cellular Signaling 21:1901-1909, 2009.

Behrend EN, **Kemppainen RJ**, Bruyette DS, Busch KA. Intramuscular administration of a low dose of ACTH for ACTH stimulation testing in dogs. JAVMA 229:528-530, 2006.

Kemppainen RJ, Birchfield JR. Measurement of total T4 concentration in serum from dogs and cats by use of various methods. American Journal of Veterinary Research 67:259-265, 2006.

Kemppainen RJ, Behrend EN, Busch KA. Use of compounded adrenocorticotrophic hormone (ACTH) for adrenal function testing in dogs. Journal of the American Animal Hospital Association 41:368-372, 2005.

Kemppainen RJ, Cox E, Behrend EN, Brogan MD, Ammons JM. Identification of a glucocorticoid response element in the 3-flanking region of the human Dexras1 gene. Biochimica et Biophysica Acta 1627:85-89, 2003.

Brogan MD, Behrend EN, **Kemppainen RJ**. Regulation of Dexras1 expression by endogenous steroids. Neuroendocrinology 74:244-250, 2001.

Kemppainen RJ, Behrend EN. Dexamethasone rapidly induces a novel RAS superfamily member-related gene in AtT-20 cells. *Journal of Biological Chemistry* 273:3129-3131, 1998.