## Elaine S. Coleman, DVM, PhD

Selected Publications

**Coleman ES**, Dennis JC, Braden TD, Judd RL, Posner P. Insulin treatment prevents diabetesinduced alterations in astrocyte glutamate uptake and GFAP content in rats at 4 and 8 weeks of diabetes duration. Brain Res 1306:131-141, 2010.

Hudmon A, Davenport G, **Coleman ES**, Sartin.JL. Low doses of estradiol partly inhibit release of GH in sheep without affecting basal levels. Domestic Animal Endocrinology 37:181-187, 2009.

Mansour M, **Coleman E**, Dennis J, Akingbemi B, Schwartz D, Braden T, Judd R, Plaisance E, Stewart LK, Morrison E. Activation of PPARgamma by rosiglitazone does not negatively impact male sex steroid hormones in diabetic rats. PPAR Res, published online 2009:101857. Epub 2009 Jun 11

Dennis JC, **Coleman ES**, Swyers SE, Moody SW, Wright JC, Judd R, Morrison EE. Changes in mitotic rate and GFAP expression in the primary olfactory axis of streptozotocin-induced diabetic rats. J Neurocytology 34:3-10, 2005.

**Coleman ES**, Judd R, Hoe L, Dennis J, Posner P. Effects of diabetes on astrocyte GFAP and glutamate transporters in the CNS. GLIA 48:166-178, 2004.

**Coleman ES**. Canine narcolepsy and the role of the nervous system. Compendium on Continuing Education for the Practicing Veterinarian 21:641-650, 1999.

**Coleman ES**, Sartin JL. Endotoxin stimulates in vitro pituitary growth hormone release in an eicosanoid-dependent manner. Am J Vet Res 57:1662-1667, 1996.

**Coleman ES**, Wooten MW. Nerve growth factor-induced differentiation of PC12 cells employs the PMA-insensitive protein kinase C-zeta isoform. J Molecular Neurosci 5:1-15, 1994.

**Coleman ES**, Elsasser TH, Kemppainen RJ, Coleman DA, Sartin JL. The effects of endotoxin on pituitary hormone secretion in sheep. Neuroendocrinology 58:111-122, 1993.