

Barbara W. Kemppainen, PhD
Selected Publications

Haque MN, Islam KMS, Akbar MA, Chowdhury R, Khatun M, Karim MR, **Kemppainen BW**. Effect of dietary citric acid, flavomycin and their combination on performance, tibia ash, and immune status. *Canadian J Ag Sci* 90:57-63, 2010.

Sherrill JD, Sparks M, Dennis J, Mansour M, **Kemppainen BW**, Bartol FF, Morrison EE, Akingbemi BT. Developmental exposures of male rats to soy isoflavones impact Leydig cell differentiation. *Biol Repro* 83(3):488-501, 2010.

Hancock KD, Coleman ES, Tao Y-X, Morrison EE, Braden TD, **Kemppainen BW**, Akingbemi BT. Genistein decreases androgen biosynthesis in rat Leydig cells by interference with luteinizing hormone dependent signaling. *Toxicology Letters* 184:169-175, 2009.

Islam KMS, Afrin S, Das PM, Hassan MM, Valks M, Klein U, Burch DGS, **Kemppainen BW**. Compatibility of combination of tiamulin and chlortetracycline with salinomycin in feed during a pulsed medication program coadministration in broilers. *Poultry Science* 87:2528-2534, 2008.

Akingbemi B, Braden T, **Kemppainen B**, Hancock K, Sherrill J, Cook J, He X, Supko J. Exposure to phytoestrogens in the perinatal period affects androgen secretion by testicular Leydig cells in adult rat. *Endocrinology* 148(9):4475-4488, 2007.

El-Kholy H, **Kemppainen B**, Ravis W, Hoerr F. Pharmacokinetics of levamisole in broiler breeder chickens. *Journal of Veterinary Pharmacology and Therapeutics* 29:49-53, 2006.

El-Kholy H, **Kemppainen BW**. Levamisole residues in chicken tissues and eggs. *Poultry Science* 84:1-5, 2005.

Kemppainen BW, Avgeris S, Jones JB. Field cases of feline ciguatera toxicity. *Compendium on Continuing Education for the Practicing Veterinarian* 26:132-135, 2004.

Wang N-Z, Urry DW, Swaim SF, Gillette RL, Hinkle SH, Coolman SL, Luan C-X, Xu J, **Kemppainen BW**. Skin concentrations of thromboxane synthetase inhibitor after topical application with bioelastic membrane. *Journal of Veterinary Pharmacology and Therapeutics* 27:37-43, 2004.

Kemppainen BW, Urry DW, Luan C-X, Xu J, Swaim SF, Goel S. In vitro skin penetration of dazmegrel delivered with bioelastic matrix. *International Journal of Pharmaceutics* 271:301-303, 2004.

Kemppainen BW, Urry DW, Swaim SF, Sartin EA, Gillette RL, Hinkle SH, Coolman SL, Luan C-X, Xu J. Bioelastic membranes for topical application of a thromboxane synthetase inhibitor for protection of skin from pressure injury: a preliminary study. *Wound Repair and Regeneration* 12:453-460, 2004.

El-Koly H, **Kemppainen BW**. Liquid chromatographic method with ultraviolet absorbance detection for measurement of levamisole in chicken tissues, eggs, and plasma. *Journal of Chromatography B* 796:371-377, 2003.