**Publications of the W-1171 Regional Research Project**

**(Jan. 1, 2005 – Dec. 31, 2008)**

**1. Refereed Journal Articles**

Anupriwan, A., M. Schenk, K. Kongmanas, R. Vanichviriyakit, D.C. Santos, A. Yaghoubian, F. Liu, A. Wu, T. Berger, K.F. Faull, P. Saitongdee, P. Sretarugsa, and N. Tanphaichitr. 2008. Presence of arylsulfatase A and sulfogalactosylglycerolipid in mouse ovaries: Localization to the corpus luteum. Endocrinology 149:3942-3951.

Aston, K., G.P. Li, B. Hicks, B. Sessions, B. Pate, D. Hammon, T. Bunch, and K. White. 2006. Effect of the time interval between fusion and activation on nuclear state and development in vitro and in vivo of bovine somatic cell nuclear transfer embryos. Reproduction 131:1-8.

Aston, K.I., G.P. Li, B.A. Hicks, B.R. Sessions, B.J. Pate, D.S. Hammon, T.D. Bunch, and K.L. White. 2006. The developmental competence of bovine nuclear transfer embryos derived from cow versus heifer cytoplasts. Anim. Reprod. Sci. 95:234-243.

At-Taras, E.E., I.C. Kim, T. Berger, A. Conley, and J.F. Roser. 2008. Reducing endogenous estrogen during development alters hormone production by porcine leydig cells and seminiferous tubules. Domest. Anim. Endocrinol. 34:100-108.

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Barcelo-Fimbres, M., and G.E. Seidel, Jr. 2007. Effects of fetal calf serum, phenazine ethosulfate and either glucose or fructose during in vitro culture of bovine embryos on embryonic development after cryopreservation. Mol. Reprod. Dev. 74:1395-1405.

Barcelo-Fimbres, M., and G.E. Seidel, Jr. 2007. Effects of either glucose or fructose and metabolic regulators on bovine embryonic development and lipid accumulation in vitro. Mol. Reprod. Dev. 74:1406-1418.

Bass, B.E., R.A. Cederberg, G.A. Mills, and B.R. White. 2008. Responsiveness of GnRH receptor and gonadotropin subunit genes to GnRH in lines of swine divergent for ovulation rate. Biol. Reprod. (Submitted).

Bass, L.D., D.J. Denniston, L.J. Maclellan, P.M. McCue, G.E. Seidel, Jr., and E.L. Squires. 2004. Methanol as a cryoprotectant for equine embryos. Theriogenology 62:1153-1159.

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Behboodi, E., S.L. Ayres, E. Memili, B.C. Reggio, M. O'Coin, L.H. Chen, A. Landry, H.M. Meade, R.A. Godke, and Y. Echelard. 2005. Health and reproductive profiles of transfected somatic cell nuclear transfer derived goats producing malaria antigen. Cloning & Stem Cells 7:107-108.

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Blomberg, L.A., W.M. Garrett, M. Guillomot, J.R. Miles, T.S. Sonstegard, C.P. Van Tassell, and K.A. Zuelke. 2006. Transcriptome profiling of the tubular porcine conceptus identifies the differential regulation of growth and developmentally associated genes. Mol. Reprod. Dev. 73:1491-502.

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Cherrington, B.D., T.A. Farmerie, B.E. Bass, R.A. Cederberg, C.M. Clay, and B.R. White. 2008. Emergence of a new regulatory element in the proximal promoter of the gonadotropin releasing hormone receptor in Chinese Meishan swine. Biol. Reprod. (Accepted).

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