

## 2006 REFEREED JOURNAL ARTICLES

Shen, Q. W., W. J. Means, K. R. Underwood, S. A. Thompson, M. J. Zhu, R. J. McCormick, S. P. Ford, M. Ellis, M. Du. 2006. Early post-mortem AMP-activated protein kinase (AMPK) activation leads to phosphofructokinase-2 and -1 (PFK-2 and PFK-1) phosphorylation and the development of pale, soft, and exudative (PSE) conditions in porcine longissimus muscle. *J. Agric. Food Chem.* 54:5583-5589.

Vonnahme, K. A., B. W. Hess, M. J. Nijland, P. W. Nathanielsz, and S. P. Ford. 2006. Placentomal differentiation may compensate for maternal nutrient restriction in ewes adapted to harsh range conditions. *J. Anim. Sci.* 84:3451-3459.

Echternkamp, S.E., K.A. Vonnahme, J.A. Green, S.P. Ford. 2006. Increased vascular endothelial factor and pregnancy-associated glycoproteins, but not insulin-like growth factor-I, in maternal blood of cows gestating twin fetuses. *J. Anim. Sci.* 84:2057-2064.

Zhu, M. J., S. P. Ford, W. J. Means, W. J. Hess, B. W. Nathanielsz, M. Du. 2006. Maternal nutrient restriction affects properties of skeletal muscle in offspring. *J. Physiol.* 575:241-250.