Early Origins of Adult Health – Publications

Journal Articles

Nyugen, Muhlhauser, **Bottling, Morrison**, Maternal undernutrition alters fat cell size distribution, but not lipogenic gene expression, in the visceral fat of the late gestation guinea pig fetus, Placenta, (2010 in press)

**Rattanatray**, MacLaughlin, Kleemann, Walker, Muhlhauser, **McMillen** Impact of Maternal Periconceptional Overnutrition on Fat Mass and Expression of Adipogenic and Lipogenic Genes in Visceral and Subcutaneous Fat Depots in the Postnatal Lamb Endocrinology (2010 in press)

**Zhang, Rattanatray**, MacLaughlin, Cropley, Suter, Molloy, Kleemann, Walker, Muhlhauser, **Morrison and McMillen** Periconceptional Undernutrition in Normal and Overweight Ewes Leads to Increased Adrenal Growth and Epigenetic Changes in Adrenal Igf2/H19 Gene in Offspring. The FASEB Journal (2010 in press)


BS Muhlhauser, **JL Morrison** and **IC McMillen**, Rosiglitazone increases the expression of Peroxisome Proliferator-Activated Receptor-γ target genes in adipose tissue, liver and skeletal muscle in the sheep fetus in late gestation Endocrinology, 150(9) (2009) 4287-94.


Muhlhausler BS, Duffield JA, McMillen IC (2006) 'Increased maternal nutrition stimulates Peroxisome Proliferator Activated Receptor-γ (PPAR-γ), adiponectin and leptin mRNA expression in adipose tissue before birth'. *Endocrinology* (electronic publication ahead of print) 2006-115


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MacLaughlin SM, Muhlhauser BS, Gentili S, McMillen IC (2006) 'When in gestation do nutritional alterations exert their effects? A focus on the early origins of adult disease'. *Current Opinion in Endocrinology and Diabetes* 13:516-522


Williams SJ, Campbell ME, McMillen IC and Davidge ST (2005) 'Differential effects of maternal hypoxia or nutrient restriction on carotid and femoral vascular function in neonatal rats'. Am J Physiol Regul Integr Comp Physiol. 288:R360-3677.


