

CTR Journal Club

Articles presented in 2011-2012

Date	Presenter	Article Presented
28-09-11	Erica Watson	Hu and Cross, 2011. Ablation of Tpbpa-positive trophoblast precursors leads to defects in maternal spiral artery remodeling in the mouse placenta. <i>Developmental Biology</i> 358(1): 231-9.
12-10-11	Nisha Padmanabhan	Nusken et al, 2011. Fetal programming of gene expression in growth-restricted rats depends on the cause of low birth weight. <i>Endocrinology</i> 152(4): 1327-35.
26-10-11	Owen Vaughan	Ng et al, 2010. Chronic high-fat diet in fathers programs beta cell dysfunction in female rat offspring. <i>Nature</i> 467: 963-7.
09-11-11	Marika Charalambous	Dupressior et al, 2011. A pair of co-opted retroviral envelope syncytin genes is required for formation of the two-layered murine placental syncytiotrophoblast. <i>PNAS</i> [in press] doi:10.1073/pnas.1112304108.
23-11-11	Selma Boulenouar	Chakraborty et al, 2011. Natural killer cells direct hemochorial placentation by regulating hypoxia-inducible factor dependent trophoblast lineage decisions. <i>PNAS</i> [in press] doi:10.1073/pnas.1109478108.
Christmas Break		
25-01-12	Cheryl Lee	Abell et al, 2011. MAP3K4/CBP-regulated H2B acetylation controls epithelial-mesenchymal transition in trophoblast stem cells. <i>Cell Stem Cell</i> 8:525-37.
08-02-12	Alice Herreboudt	Pennisi et al, 2012. Crim1 has an essential role in glycogen trophoblast cell and sinusoidal-trophoblast giant cell development in the placenta. <i>Placenta</i> [in press]. doi:10.1016/j.placenta.2011.12.014
22-02-12	Jens Kieckbusch	Hunkapiller et al, 2012. A role for Notch signaling in trophoblast endovascular invasion and in the pathogenesis of pre-eclampsia. <i>Development</i> 138: 2987-98
14-03-12	Norah Fogarty	Longtine et al, 2012. Villous trophoblast apoptosis is elevated and restricted to cytotrophoblasts in pregnancies complicated by preeclampsia, IUGR or preeclampsia with IUGR. <i>Placenta</i> [in press] doi:10.1016/j.placenta.2012.01.017
11-04-12	Andrew Sharkey	Wang et al, 2012. Preeclampsia up-regulates angiogenesis-associated microRNA (i.e., miR-17, -20a, and -20b) that target ephrin-B2 and EPHB4 in human placenta. <i>J Clin Endocrin Metabol</i> 97(6) [in press] doi:10.1210/jc.2011-3131.