

**CTR Journal Club
Articles Presented 2012-2013**

Date	Presenter	Article Presented
26-09-12	Erica Watson	Chhabra et al, 2012. Trophoblasts regulate the placental hematopoietic niche through PDGF-B signaling. <i>Developmental Cell</i> 22: 651-9.
24-10-12	Norah Fogarty	Robson et al, 2012. Uterine natural killer cells initiate spiral artery remodeling in human pregnancy. <i>FASEB J</i> 26(12): 4876-85.
14-11-12	Marika Charalambous	Mould et al, 2012. Blimp/Prdm1 governs terminal differentiation of endovascular trophoblast giant cells and defines multipotent progenitors in the developing placenta. <i>Genes and Development</i> 26(18): 2063-74.
28-11-12	Mary Cleaton	Shalom-Barak et al, 2012. Placental PPAR-gamma regulates spatiotemporally diverse genes and a unique metabolic network. <i>Developmental Biology</i> 372: 143-55.
05-12-12	Jens Kieckbusch	Rowe et al, 2012. Pregnancy imprints regulatory memory that sustains anergy to fetal antigen. <i>Nature</i> 490(7418): 102-6.
Christmas Break		
23-01-13	Amanda Sferruzzi-Perri	Cui et al, 2012. Role of Corin in trophoblast invasion and uterine spiral artery remodelling in pregnancy. <i>Nature</i> 484(7393): 246-250.
13-02-13	Nisha Padmanabhan	Corbel et al, 2013. Unusual chromatin status and organization of the inactive X chromosome in murine trophoblast giant cells. <i>Development</i> 140: 861-72.
27-02-13	Josie Higgins	Jones et al, 2013. Maternal Dietary Omega-3 Fatty Acid Supplementation Reduces Placental Oxidative Stress and Increases Fetal and Placental Growth in the Rat. <i>Biology of Reproduction</i> 88(2): 37, 1-8.
13-03-13	Basia Musial	Rosario et al, 2013. Mammalian target of rapamycin signalling modulates amino acid uptake by regulating transporter cell surface abundance in primary human trophoblast cells. <i>Journal of Physiology</i> . 591: 609-625.
27-03-13	Louise Gaynor	Thaxton et al, 2013. NKG2D Blockade Inhibits Poly(I:C)-Triggered Fetal Loss in Wild Type but Not in IL-10 ^{-/-} Mice. <i>J Immunology</i> 190(7): 3639-47.
10-04-13	Margherita Turco	Amita et al, 2013. Complete and unidirectional conversion of human embryonic stem cells to trophoblast by BMP4. <i>PNAS</i> 110(013): 1212-21.