

CTR Journal Club 2010-2011 Schedule

Date	Presenter	Article Presented
03-06-10	Erica Watson	Parast et al, 2009. PPAR-gamma regulates trophoblast proliferation and promotes labyrinth trilineage differentiation. PLoS one 4(11): e8055.
17-06-10	Andrew Sharkey	Sonderegger et al, 2010. Wingless (Wnt)-3A induces trophoblast migration and matrix metalloproteinase-2 secretion through canonical Wnt signaling and protein kinase B/AKT activation. Endocrinology 151(1): 211-220.
01-07-10	Nisha Padmanabhan	Ralston et al, 2010. Gata3 regulates trophoblast development downstream of Tead4 and in parallel to Cdx2. Development 137:395-403.
Summer Break		
22-09-10	Abby Fowden	Jones et al, 2009. High-fat diet before and during pregnancy causes marked up-regulation of placental nutrient transport and fetal overgrowth in C57/BL6 mice. FASEB J 23: 271.
13-10-10	Norah Fogarty	Orendi et al, 2010. The choriocarcinoma cell line BeWo: Syncytial fusion and expression of syncytium-specific proteins. Reproduction [Advanced publication, PMID: 20696850].
27-10-10	Billy Yung	Iwawaki et al, 2009. Function of IRE1 alpha in the placenta is essential for placental development and embryonic viability. PNAS 106(39): 16657-62.
10-11-10	Erica Watson	Stephenson et al, 2010. Disorganized epithelial polarity and excess trophectoderm cell fate in preimplantation embryos lacking E-cadherin. Development 137: 3383-3391.
24-11-10	Owen Vaughan	Petropoulos et al, 2010. Effect of glucocorticoids on regulation of placental multidrug resistance phosphoglycoprotein (P-gp) in the mouse. Placenta 31:803-810.
08-12-10	Marika Charalambous	Alder et al, 2010. Ring1B and Suv39h1 delineate distinct chromatin states at bivalent genes during early mouse lineage commitment. Development 137: 2483-92.
Christmas Break		
26-01-11	Graham Burton	Robbins et al, 2010. Placental syncytiotrophoblast constitutes a major barrier to vertical transmission of Listeria monocytogenes. PLoS Pathogens 6(1): e1000732.
09-02-11	Alice Herreboudt	Bilban et al, 2003. Kisspeptin-10, a KiSS-1/metastatin-derived decapeptide, is a physiological invasion inhibitor of primary human trophoblasts. Journal of Cell Science 117: 1319-1328.
23-02-11	Kathy Niakan	Murakami et al, 2011. Choice of random rather than imprinted X inactivation in female embryonic stem cell-derived extra-embryonic cells. Development 138: 197-202.
09-03-11	Elisabeth Ritter	***Postponed***
23-03-11	Gavin Kelsey	Hudson et al, 2011. Extra-embryonic-specific imprinted expression is restricted to defined lineages in the post-implantation embryo. Developmental Biology, Article in press, doi:10.1016/j.ydbio.2011.02.017.
13-04-11	Andrew Sharkey	Berg et al, 2011. Trophoblast lineage determination in cattle. Developmental Cell 20: 244-55. Rossant, 2011. A mouse is not a cow. Nature 471:457-8.
27-04-11	Nisha Padmanabhan	***Postponed***
11-05-11	Elisabeth Ritter	Lawn and McCance, 1962. Ventures with an artificial placenta: I. Principles and preliminary results. Proceedings of the Royal Society of London. Series B, Biological Sciences 155(961): 500-9.