

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/metastin-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. |