

## Research Day – 1<sup>st</sup> November 2011

Durham County Cricket Club, Chester le Street

### Programme

**10.30am**                      **Registration, poster set up & refreshments**

Session 1: Chaired by Professor Majlinda Lako

11.00 – 11.45                **Keynote Talk:** Culture Adaption in Human Embryonic Stem Cell  
Culture: Oncogenesis *in vitro*?  
*Professor Peter Andrews, University of Sheffield*

11.45 – 12.15                Human dendritic cell deficiency is caused by GATA-2 mutation and can  
be potentially cured by haematopoietic stem cell transplantation.  
*Dr Rachel Dickinson, Newcastle University*

12.15 – 12.45                *In situ* lineage tracking of human prostatic stem cells: in search of the  
niche  
*Dr Stuart Williamson, Newcastle University*

**12.45 – 14.00**                **Lunch & poster session**

Session 2: Chaired by Dr Akis Karakesisoglou

14.00 – 14.30                **Keynote Talk:** Directing human pluripotent stem cell differentiation:  
not as easy as it seems?  
*Professor Majlinda Lako, Newcastle University*

14.30 – 15.00                From human embryonic stem cells to sympathetic neurons: a model  
for understanding neuroblastoma pathogenesis.  
*Dr Jane Carr-Wilkinson, Newcastle University*

15.00 – 15.15                Modulating embryonic stem cell pluripotency through bioprocessing.  
*David Yeo, Imperial College London*

15.15 – 15.30 The role of epithelial to mesenchymal transition in induced pluripotent stem (iPS) cells of the human prostate.  
*Deepali Pal, Newcastle University*

**15.30 – 15.50 Short break with refreshments**

Session 3: Chaired by Professor Colin Jahoda

15.50 – 16.20 **Keynote Talk:** Regenerating steroidogenesis in adrenal failure  
*Professor Simon Pearce, Newcastle University*

16.20 – 17.05 **Keynote Talk:** The use of human induced pluripotent stem cells (hiPSC) for disease modelling.  
*Dr Alan Colman, A\*STAR Institute of Medical Biology, Singapore*

17.05 – 17.15 Presentation of prizes with presentation from prize sponsor Cambridge Bioscience.

**17.15 – 18.00 Drinks reception**

**18.00 Buses home**