# 27th Head Group Meeting – 9th January 2014

| Time | |
|---|---|
| 10:15-11:15 | ***Registration - Coffee*** |
| *Chairperson* | **Cynthia Andoniadou,** Craniofacial Development and Stem Cell Biology, King's College London |
| 11:15-11.35 | ***Hazha Star,*** Department of Craniofacial Development & Stem Cell Biology, Kings College<br>*The role of Eda signalling in tooth root development* |
| 11.35-11.55 | ***Gabriella Careno*** Developmental Biology & Cancer Programme, Stem Cells and Regenerative Medicine, UCL Institute of Child Health<br>*Understanding the role of SHH signalling in normal pituitary development and tumorigenesis* |
| 11.55-12:15 | ***Alessandro Borghi*** Stem Cells and Regenerative Medicine, UCL Institute of Child Health<br>*Finite Element model of the infant skull with craniosynostosis* |
| 12:15-12:35 | ***Sophie Miller*** Department of Physiology, Development and Neuroscience, University of Cambridge<br>*The development of olfactory ensheathing cells* |
| 12:35-12:55 | ***Georgy Koentges*** Laboratory of Systems Biomedicine and Evolution, School of Life Sciences, D028, University of Warwick<br>*Neural crest cells as postnatal CO2 sensors of the mammalian brain* |
| 1:00-2:00 | ***Lunch*** |
| *Chairperson* | ***Sophie New*** Stem Cells and Regenerative Medicine, UCL Institute of Child Health |
| 2:00-2:20 | ***Annalisa Buniello*** Wolfson Centre for Age-Related Diseases, King's College London<br>*Wbp2-deficient mice show high frequency loss due to cochlear innervation defects* |
| 2:20-2:40 | ***Barbora Vagaska*** Stem Cells and Regenerative Medicine, UCL Institute of Child Health<br>*Identification of a novel population of neural stem cells expressing MHC class II molecules in the developing human nervous system* |
| 2:40-3:00 | ***Timothy Goodman,*** Biomedical Research Centre, School of Biological Sciences, University of East Anglia<br>*Who is who in the neurogenic niche of the postnatal mouse hypothalamus?* |
| 3:00-3:20 | ***Pari Müller*** Houart Lab, MRC Centre for Developmental Neurobiology, King's College London<br>*Conservation of the Anterior Neural Border Signalling Centre between Fish and Mammals* |
| 3:20-3:40 | ***Tea Break*** |
| *Chairperson* | ***Conor McCann*** Stem Cells and Regenerative Medicine, UCL Institute of Child Health |
| 3:40-4:00 | ***Nicola Lewis*** Stem Cells and Regenerative Medicine, UCL Institute of Child Health<br>*Investigating the molecular mechanisms that cause glaucoma: The LMX1B pathway* |
| 4:00-4:20 | ***Francesca Mackenzie - UCL Institute of Ophthalmology***<br>*Neural crest cell-derived VEGF promotes embryonic jaw extension* |
| 4:20-4:40 | ***Ana Rolo*** Developmental Biology and Birth Defects, UCL Institute of Child Health<br>*Regulation of cell protrusions by small GTPases during neural tube closure* |
| 4:40-5:00 | ***Sandra Gonzalez*** Craniofacial Development and Stem Cell Biology, King's College London<br>*GSK3 requirements in cranial neural crest migration* |
| *Chairperson* | **Patrizia Ferretti** Stem Cells and Regenerative Medicine, UCL Institute of Child Health, London |
| 5:00-5:45 | **Peter Thorogood Memorial Lecture**<br>**Prof. Guy P Richardson, FRS**<br>Neuroscience Department, University of Sussex<br>***Development and Ageing of the Tectorial Membrane, an Extracellular Matrix Required for Hearing*** |