

20th HEAD GROUP MEETING

17-18th January 2008

Institute of Child Health, UCL, London, Kennedy Lecture Theatre

Thursday 17th	
13.00-2.00	REGISTRATION
Chairperson	Philip Stanier
2:00-2:45	Andrew Wilkie Weatherall Institute of Molecular Medicine, John Radcliff Hospital, University of Oxford, UK <i>Craniosynostosis: human genetics, and modelling mutations in mice</i>
2:45-3:05	Paula Alexandre Department of Anatomy and Developmental Biology, UCL, London UK <i>Live imaging reveals potential role for polarity proteins in symmetric and asymmetric divisions during neurogenesis in the zebrafish CNS</i>
3:05-3:25	John Griffin Department of Craniofacial Development, King's College London, London UK <i>Disintegration of Craniofacial Patterning and Development in a Fgf8 Hypomorph</i>
3:25-3:45	Quenten Schwarz UCL Institute of Ophthalmology, London UK <i>Neuropilin 1 and neuropilin 2 control cranial gangliogenesis and axon guidance through neural crest cells.</i>
3:45-4:15	TEA
Chairperson	Jane Sowden
4:15-5:00	David Price Biomedical Sciences, The University of Edinburgh, Edinburgh, UK <i>Connecting brain cells: Molecular regulation of thalamocortical axonal navigation</i>
5:00-6:00	POSTER SESSION
6:00	WINE RECEPTION
Friday 18th	
Chairperson	Sarah Guthrie / Jane Sowden
9:30	Paul Trainor Stowers Institute for Medical Research, Kansas City, USA <i>Making faces: unmasking the role of neural crest cells in craniofacial development and congenital birth defects such as Treacher Collins syndrome</i>
10:15	Steven Cadman MRC Centre for Developmental Neurobiology, King's College London, London UK <i>Towards a zebrafish model for Kallmann syndrome</i>
10:35-10:55	Nicole Verhey van Wijk Division of Molecular Neurobiology, National Institute for Medical Research, Mill Hill, London UK <i>Cholinergic neuron differentiation in the mammalian forebrain</i>
10:55-11:20	COFFEE
11:20-11:40	James Allen Institute of Biomedical and Clinical Science, Peninsula Medical School, Plymouth, UK <i>Regulation of cranial nerve migration by the Plexin A family</i>
11:40-12:00	Heather Szabo Rogers Post Doctoral Research Associate, Guy's Tower, Kings College London, London UK <i>Revealing tissue interactions between the nasal pit and facial mesenchyme</i>
12:00-12:20	Yannis Kokkinopoulos Developmental Biology Unit, UCL Institute of Child Health, London UK <i>Isolation and characterisation of neural progenitor cells from the adult Chx10^{orJ}/orJ central neural retina</i>
12:20-12:40	Thomas Hawkins Department of Anatomy and Developmental Biology, UCL, London UK <i>An Online Atlas of Zebrafish Neuroanatomical Development</i>
12:40-1:00	Morag Lewis Wellcome Trust Sanger Institute, Hinxton, UK <i>An ENU-induced mutation of a miRNA associated with progressive hearing loss</i>
1:00-2:00	LUNCH AND POSTERS
Chairperson	Michael Depew

2:00 – 2:45	Michael Akam Laboratory for Development and Evolution, University Museum of Zoology, Cambridge, UK <i>How to make a head : A view from across the protostome-deuterostome divide</i>
2:45 – 3:05	Timothy Grocott Department of Craniofacial Development, King's College London, London UK <i>Sensory Palcodes: How to Suppress Lens?</i>
3:05 – 3:25	Nicoletta Bobola Faculty of Human and Medical Sciences, The University of Manchester, Manchester UK <i>Molecular control of second branchial arch development</i>
3:25 – 3:45	Carles Gaston Massuet Neural Development Unit, UCL Institute of Child Health, London UK <i>Genetic interaction between the homeobox transcription factors HESX1 and SIX3 is required for normal pituitary development</i>
3:45-4:15	TEA
4:15 – 4:35	Saroshi Amirthalingam Division of Developmental Neurobiology, The National Institute for Medical Research, Mill Hill, London UK <i>Signalling mechanisms which are involved in the establishment of Hoxb4 in the chick neural tube</i>
4:35-4:55	Sarah Barnes MRC Centre for Developmental Neurobiology, King's College London, London UK <i>Role of cadherins in cranial motor axon growth and guidance</i>
<i>Chairperson</i>	Patrizia Ferretti
5.00- 5:45	Peter Thorogood Memorial Lecture Prof. Cheryll Tickle Department of Biology and Biochemistry, University of Bath, Bath UK <i>Embryonic limb development: a model for pattern formation in vertebrates</i>