

BSDB Autumn Meeting - Development of Sensory Systems
St Anne's College, Oxford
7th – 9th September, 2010

Tuesday 7th September		
12:00		Registration Opens – <i>Foyer, Ruth Deech Building</i>
13:00 – 14:00		Buffet Lunch – <i>Dining Hall</i>
14:00 – 15:45		<i>Tsuzuki Lecture Theatre</i>
<i>14:00 – 14:35</i>	S1	Session title to be confirmed Patrick Ernfors - Karolinska Institute
<i>14:35 – 15:10</i>	S2	A “sixth sense”: the development of vertebrate electroreceptors Claire Baker - University of Cambridge
<i>15:10 – 15:45</i>	S3	Bridging the gap between proneural factors and sensory neuronal differentiation in <i>Drosophila</i> Andrew Jarman - University of Edinburgh
15:45 – 16:15		Tea, coffee and poster viewing – <i>Foyer/Seminar Room 7</i>
16:15 – 17:25		<i>Tsuzuki Lecture Theatre</i>
<i>16:15 – 16:50</i>	S4	Using the <i>Drosophila</i> sensory system to uncover neurite self-destruction programs Darren Williams - King's College, London
<i>16:50 – 17:05</i>	O1	FGFR1 functions in inner ear hair cell morphogenesis and function R K Ladher – RIKEN CDB, Japan
<i>17:05 – 17:20</i>	O2	Genetic and molecular dissection of axonal branching mechanisms D Ayaz - VIB, Leuven, Belgium
17:30 – 19:30		Poster session and drinks – <i>Seminar Room 7</i>
19:30 – 21:00		Dinner – <i>Dining Hall</i>
Wednesday 8th September		
08:00 – 09:00		Breakfast - <i>Dining Hall</i>
08:30		Registration opens – <i>Foyer, Ruth Deech Building</i>
09:00 – 10:45		<i>Tsuzuki Lecture Theatre</i>
<i>09:00 – 09:35</i>	S5	Towards retinal stem cell therapy: Generation of new cone and rod photoreceptors in the adult retina by transplantation of precursor cells Jane Sowden - University College London
<i>09:35 – 10:10</i>	S6	The evolution of arthropod sense organs – conserved genes, different functions Angelika Stollewerk - Queen Mary University, London
<i>10:10 – 10:45</i>	S7	The roles of BMP and Notch signals in patterning the developing cochlea Andy Groves - Baylor College of Medicine, Houston
10:45 – 11:15		Tea, coffee, posters and exhibition viewing – <i>Foyer/Seminar Room 7</i>
11:15 – 12:25		<i>Tsuzuki Lecture Theatre</i>
<i>11:15 - 11:50</i>	S8	Hair cell evolution in Chordates Lucia Manni - University of Padova
<i>11:50 – 12:25</i>	S9	Sox10 contributes to the balance of fate choice in dorsal root ganglion progenitors Robert Kelsh - University of Bath
12:25 - 13:30		Lunch - <i>Dining Hall</i>

Wednesday 8 th September Continued/....		
13:30 – 15:15		<i>Tsuzuki Lecture Theatre</i>
13:30 – 14:05	S10	PRDM proto-oncogene control of olfactory sensory neurogenesis Adrian Moore - RIKEN Brain Science Institute, Japan
14:05 – 14:40	S11	Semicircular canal formation in the zebrafish inner ear requires the function of <i>lauscher</i>, an adhesion class G protein-coupled receptor gene Tanya Whitfield - University of Sheffield
14:40 – 15:15	S12	From epibranchial placode to ganglion: neurogenesis and migration Jo Begbie - University of Oxford
15:15 – 15:45		Tea, coffee, posters and exhibition viewing – <i>Foyer/Seminar Room 7</i>
15:45 – 16:55		<i>Tsuzuki Lecture Theatre</i>
15:45 – 16:20	S13	CO₂ sensory circuit formation in <i>Drosophila</i> Ilona Grunwald-Kadow - MPI, Martinsried, Germany
16:20 – 16:35	O3	Different roles of BMP activity during specification and patterning of the lens and olfactory epithelium L Gunhaga – Umea University
16:35 – 16:50	O4	How is the transition from proliferation to cell cycle exit and neurogenesis regulated in the zebrafish retinal stem cell niche? K L Cerveny – University College London
19:30 – 21:00		Conference Dinner - Dining Hall
Thursday 9 th September		
08:00 – 09:00		Breakfast - <i>Dining Hall</i>
08:30		Registration opens - <i>Foyer, Ruth Deech Building</i>
09:00 – 10:45		<i>Tsuzuki Lecture Theatre</i>
09:00 – 09:35	S14	The evolution of sensory integrative brain centres in Bilateria Detlev Arendt - EMBL, Heidelberg, Germany
09:35 – 10:10	S15	Molecular mechanisms of whisker-to-barrel topographic map formation in the mouse trigeminal brainstem Filippo Rijli - FMI, Basel, Switzerland
10:10 – 10:45	S16	Olfactory Map Formation in <i>Drosophila</i> Thomas Hummel - University of Muenster, Germany
10:45 – 11:15		Tea, coffee and poster viewing – <i>Foyer/Seminar Room 7</i>
11:15 – 12:25		<i>Tsuzuki Lecture Theatre</i>
11:15 – 11:50	S17	Molecular genetic dissection of Wnt/β-catenin function in the development of mammalian taste buds Linda Barlow - University Colorado, USA
11:50 – 12:25	S18	Development of the Frog and Fish Vertebrate Retina Bill Harris, University of Cambridge
12:30		Conference concludes and delegates depart