

Joint Meeting of the British Societies for Cell Biology and Developmental Biology Spring Conference Programme 2010

Monday 12th April

Time		Location		Location
14.00 – 18.00	Registration			
14.30 – 18.30	BSDB committee meeting	tbc	BSCB committee meeting	tbc
18.00 – 19.30	Dinner			
19.30 – 20.30	BSDB Plenary Lecture – Mike Levine Transcriptional precision in the Drosophila embryo Dept Mol Cell Biol, Center for Integrative Genomics, University of California, Berkeley	Main Theatre		
20.30 – 21.30			BSCB Garland Plenary lecture - Elaine Fuchs Skin Stem Cells and Niche Interactions in Morphogenesis and Cancer Howard Hughes Medical Institute, Laboratory of Mammalian Cell Biology and Development, The Rockefeller University, New York	Main Theatre

Tuesday 13th April

Time		Location		Location
Session 1:	BSDB: Limb Development: Classical Development in a post-genomic era	Main Theatre	BSCB: Stem Cell Biology I	Cinema
09.00 – 09.30	Invited speaker: Cheryll Tickle (chair) Genomic and computational approaches to studying digit pattern formation in chick wing development Biology and Biochemistry, University of Bath, Bath, UK		Invited speaker: Ihor Lemischka : Pluripotency	
09.30 – 09.45	Talk chosen from abstract		Talk chosen from abstract	
09.45 – 10.15	Invited speaker: Marty Cohn		Invited speaker: Austin Smith hu/mESC self-renewal	
10.15 – 10.45	Refreshment break		Refreshment break	
10.45 – 11.15	Invited speaker: Rolf Zeller A Self-Regulatory and Robust Morpho-Regulatory System controls Initiation, Progression and Termination of Mouse Limb Bud Development Department of Biomedicine, University of Basel, Basel, Switzerland		Invited speaker: Geoff Raisman Regeneration of Nervous System UCL Institute of Neurology, Spinal Repair Unit, London, UK	
11.15 – 11.30	Talk chosen from abstract		Talk chosen from abstract	
11.30 – 12.00	Invited speaker: Richard Behringer		Invited speaker: Christine Mummery Cardiovascular derivatives of pluripotent stem cells in cardiac repair, drug discovery and disease Anatomy & Embryology, Leiden University Medical Center (LUMC), Leiden, Netherlands	
12.00 – 14.00	Lunch		Lunch	
Session 2:	BSDB: Interactions of signalling pathways	Cinema	BSCB: Genome and disease	Main Theatre
14.00 – 14.30	Invited speaker: Roger Patient (chair)		Invited speaker: Eric Miska miRNAs	
14.30 – 14.45	Talk chosen from abstract		Talk chosen from abstract	
14.45 – 15.15	Invited speaker: Lee Niswander Gene Interactions and Environmental Influences in Neural Tube Closure Pediatrics, University of Colorado, Aurora, Colorado, USA		Invited speaker: Colin Stewart The nuclear envelope/lamina regulates Wnt signaling in premature aging (progeria) Institute of Medical Biology, Biopolis, Singapore	
15.15 – 15.45	Refreshment break		Refreshment break	
15.45 – 16.15	Invited speaker: Jennifer Nemhauser Information Processing during Early Seedling Development Department of Biology, University of Washington, Seattle, WA, USA		Invited speaker: Mandy Fisher Epigenetics and lineage choice	
16.15 – 16.30	Talk chosen from abstract		Talk chosen from abstract	
16.30 – 17.00	Invited speaker: Alex Joyner The Engrailed homeobox genes are master regulators of 3D organization of cerebellum morphology, gene expression and circuitry Developmental Biology, Sloan-Kettering Institute, New York, USA		Invited speaker: Alex Meissner Epigenetics in stem cells	
17.10 – 18.00			BSCB: Hooke Medal	
18.00 – 19.00	BSDB AGM		BSCB AGM	
19.00 – 20.30	Dinner		Dinner	
20.00 – 22.30	Poster session		Poster session	

Wednesday 14th April

Time		Location		Location
Session 3:	BSDB: Genomic Approaches to Developmental Biology: Achievements and Challenges	Main Theatre	BSCB: Cellular mechanisms of disease	Cinema
09.00 – 09.30	Invited speaker: Eileen Furlong (chair) Making global predictions of cis-regulatory activity EMBL, Heidelberg, Germany		Invited speaker: Birgit Lane Skin diseases	
09.30 – 09.45	Talk chosen from abstract		Talk chosen from abstract	
09.45 – 10.15	Invited speaker: Bob Kingston Nucleosome occupancy and regulation of Hox expression in human ES cell lineages Department of Molecular Biology, Massachusetts General Hospital, Boston, MA, USA and Department of Genetics, Harvard Medical School, Boston, MA, USA		Invited speaker: Adrian Bird The Dinucleotide CpG as a genomic signalling module Wellcome Trust Centre for Cell Biology, Michael Swann Building, University of Edinburgh, Edinburgh UK	
10.15 – 10.45	Refreshment break		Refreshment break	
10.45 – 11.15	Invited speaker: William Skarnes		Invited speaker: Giampietro Schiavo axonal transport	
11.15 – 11.30	Talk chosen from abstract		Talk chosen from abstract	
11.30 – 12.00	Invited speaker: Marion Walhout		Invited speaker: Isabella Graef NFAT signalling	
12.00 – 14.00	Lunch		Lunch	
Session 4:	BSDB: Mechanisms of Gene Regulation	Cinema	BSCB: Macromolecular Complexes and transport	Main Theatre
14.00 – 14.30	Talk chosen from abstract		Invited speaker: Jeff Twiss Regulating RNA transport into regenerating axons Biology, Drexel University, Philadelphia, USA	
14.30 – 15.00	Invited speaker: John Lis New Views of Transcription Activation Department of Molecular Biology and Genetics, Biotechnology Building, Cornell University, NY, USA		Invited speaker: Beate Sodeik Recruitment of Microtubule Motors by Capsids of the human neurotropic Herpes Simplex Virus Institute of Virology, Hannover Medical School, Hannover, Germany	
14.45 – 15.00	Invited speaker: Anne Ferguson Smith Genomic imprinting as an adaptive model of developmental plasticity Department of Physiology Development and Neuroscience, University of Cambridge, Cambridge UK		Talk chosen from abstract	
15.00 – 15.15	(Presentation continues)		Talk chosen from abstract	
15.15 – 15.45	Refreshment break		Refreshment break	
15.45 – 16.15	Invited speaker: Peter Fraser		Invited speaker: Jean-Paul Vincent Activation of apoptosis in response to the loss of apical determinants in the embryonic epidermis of Drosophila NIMR, MRC, London, UK	
16.30 – 17.00	BSDB Beddington Medal Talk - Naomi Stevens The molecular regulation of centriole duplication Developmental Biology Program, Sloan-Kettering Institute, New York		Invited speaker: Jan van Minnen Schwann cells transfer Polyribosomes to injured and regenerating axons University of Calgary, Calgary, Canada	
17.00 – 18.00	Waddington Medal	Main Theatre		
18.00 – 19.30	Poster session		Poster session	
19.30 –	Conference Dinner		Conference Dinner	

Thursday 15th April

Time		Location		Location
Session 5:	BSDB: Evolution and Development: Genomes and Beyond	Main Theatre	BSCB: Stem Cell Biology 2 (including iPS cells and regenerative medicine)	Cinema
09.00 – 09.30	Invited speaker: Nipam Patel (chair)		Invited speaker: Peter Andrews (chair) Human Embryonic Stem Cells: Commitment, Adaptation and Cancer The Centre for Stem Cell Biology and Department of Biomedical Science, The University of Sheffield, UK	
09.30 – 09.45	Talk chosen from abstract		Talk chosen from abstract	
09.45 – 10.15	Invited speaker: Sylvie Mazan Origin of extraembryonic tissues in jawed vertebrates: insights from the dogfish Station Biologique-UMR 7150 , CNRS-Université, Paris 6, Roscoff, France		Invited speaker: Melanie Welham Signaling pathways regulating cell fate of pluripotent stem cells Pharmacy and Pharmacology and Centre for Regenerative Medicine, The University of Bath, Bath, UK	
10.15 – 10.45	Refreshment break		Refreshment break	
10.45 – 11.15	Invited speaker: Kristin Tessmar-Raible Lunar Clocks in Ancient Cell Types Microbiology, Immunobiology and Genetics, Max F. Perutz Laboratories/ University of Vienna, Vienna, Austria		Invited speaker: Fiona Watt The epidermal stem cell microenvironment CRUK Cambridge Research Institute, Cambridge University, Cambridge, UK	
11.15 – 11.30	Talk chosen from abstract		Talk chosen from abstract	
11.30 – 12.00	Invited speaker: Max Telford What have we learned about animal evolution from two decades of molecular phylogenetics? Dept. Genetics, Evolution and Environment, University College London, UK		Invited speaker: Kevin Eggan iPS cells and disease models	
12.00 – 14.00	Lunch		Lunch	