



Cardiac Development and Regeneration – October 10-11, 2008

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Friday, October 10, 2008

8:00am	Registration
9:00am	Welcome, meeting chairs
9:10am	Keynote: Morphogenesis of the heart and other organs Cliff Tabin, Harvard Medical School
9:50am	Control of cardiac development by Gata4 and Gata6 Stephen Duncan, Medical College of Wisconsin
10:25am	Chromatin remodeling in heart development Benoit Bruneau, UCSF
11:10am	Coffee break
11:40am	Towards human models of human heart disease: The islet-1 heart progenitor story Kenneth Chien, Massachusetts General Hospital
12:15pm	Notch signaling regulates cell fate decisions during cardiac field formation in Xenopus laevis Carolyn Gaydos, Tufts University
12:35pm	Notch signalling in cardiac valve development José Luis de la Pompa, Centro Nacional de Biotecnología
12:55pm	Lunch
1:55pm	Myocardin related transcription factors: Critical co-activators regulating heart and outflow tract development Michael Parmacek, University of Pennsylvania
2:30pm	Epicardial-derived Wt1+ progenitors contribute to the cardiomyocyte lineage in the embryonic and adult heart William Pu, Children's Hospital of Boston
3:05pm	Coffee break
3:35pm	microRNA regulation of cardiac stem cells and regeneration Deepak Srivastava, Gladstone Institute, UCSF
4:10pm	Contextual dependent reprogramming of the SWI/SNF complex allows it to differentially serve as a transcriptional co-regulator at promoters of the hypertrophied heart Lisa Chang, Baker IDI Heart and Diabetes Research Institute
4:30pm	Reception and poster session.

Saturday, October 11, 2008

9:00am	Cardiac progenitor cells of the second heart field in the mouse embryo Margaret Buckingham, Pasteur Institute
9:35am	Hedgehog-dependent atrial septum progenitors are required for cardiac septation Ivan Moskowitz, University of Chicago
9:55am	Progenitor pool size is not a critical determinant of cardiac neural crest function Patricia Labosky, Vanderbilt University
10:15am	Coffee break
10:45am	Signaling pathways that shape the heart field in zebrafish Debbie Yelon, Skirball Institute
11:20am	iPS, ES or endogenous cells in cardiac regeneration Sean Wu, Massachusetts General Hospital
11:55am	Discovering cardiac disease genes in Drosophila Rolf Bodmer, Burnham Institute for Medical Research
12:15pm	Foxn4 directly regulates tbx2b expression for the evolutionary division of the vertebrate heart Neil Chi, University of California, San Francisco
12:35pm	Lunch
1:30pm	Notch signaling and cardiovascular development Jonathan Epstein, University of Pennsylvania
2:05pm	Genetic regulation of cardiac development in zebrafish John Mably, Children's Hospital, Boston
2:40pm	Establishment of cardiac mesoderm is regulated by ActivinA and BMP4 during mouse and human ES and iPS cell differentiation Steven Kattman, McEwen Centre for Regenerative Medicine
3:00pm	Coffee break
3:25pm	Novel roles for Wnt signaling in cardiac development and progenitor allocation Edward Morrissey, University of Pennsylvania
4:00pm	Regulation of cardiac progenitor development by Agtr1 signaling in zebrafish Ian Scott, The Hospital for Sick Children
4:20pm	Regenerative healing following fetal myocardial infarction Benjamin Herdrich, University of Pennsylvania School of Medicine
4:40pm	Inhibition of β-catenin attenuates left ventricular remodeling after myocardial infarction through enhanced cardiac stem cell differentiation Laura Zelarayan, Max Delbrueck Center for Molecular Medicine