



Screening Stem Cells: From Reprogramming to Regenerative Medicine

September 2 - 3, 2009 • Boston MA, USA

Time	Event
Tuesday, September 1st 6:00pm - 9:00pm	Registration/Exhibitor Set-Up
Wednesday, September 2nd 7:30am - 8:30am	Morning Break in the Exhibit Hall
7:30am - 5:00pm	Registration, visit exhibits & view posters in Exhibit Hall
Session 1: Promise of Stem Cells Session Chair: George Daley, MD, PhD – Harvard Stem Cell Institute & Children’s Hospital Boston	
8:30am - 8:35am	Opening Remarks & Keynote Introduction
8:35am - 9:20am	Keynote Presentation: The Promise of Stem Cells as Products and Tools for Diabetes. <i>Douglas Melton, PhD – Harvard Stem Cell Institute (HSCI), USA</i>
9:20am - 9:50am	Epigenetic Reprogramming and Induced Pluripotency <i>Nimet Maherali – Harvard Stem Cell Institute, USA</i>
9:50am - 10:20am	Patient-Specific Pluripotent Stem Cells <i>George Daley, MD, PhD – HSCI & Children’s Hospital Boston, USA</i>
10:20am - 10:50am	Networking/refreshment break, visit exhibits & view posters in Exhibit Hall
10:55am - 11:25am	Using Stem Cells and Reprogramming to Study Disease: A Case Study in ALS <i>Kevin Eggan, PhD – HSCI & Harvard University, USA</i>
11:25am - 11:55am	Back to the Future: Reprogramming Adult Human Cells to Model and Treat Motor Neuron Diseases <i>Clive Svendsen, PhD – University of Wisconsin at Madison, USA</i>
11:55am - 12:25pm	Cardiovascular Derivatives of Embryonic Stem Cells in Cardiac Repair and Drug Discovery <i>Christine Mummery, PhD – Leiden University Medical Center, The Netherlands</i>
12:30pm - 1:45pm	Lunch, visit exhibits & view posters in Exhibit Hall
1:45pm - 2:30pm	Tutorial Program I
Session 2: Access, Distribution & Quality Control Session Chair: Brock Reeve, MPhil, MBA – Executive Director, Harvard Stem Cell Institute, USA	
2:30pm - 2:35pm	Opening Remarks



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2:35pm - 3:05pm	Motor Neuron Progenitors Derived from Human Embryonic Stem Cells <i>Hans Keirstead, PhD – University of CA, Irvine, USA</i>
3:05pm - 3:35pm	Running an Academic iPS Core Facility <i>Chad Cowan, PhD – HSCI & Massachusetts General Hospital, USA</i>
3:35pm - 4:05pm	Networking/refreshment break, visit exhibits & view posters in Exhibit Hall
4:05pm - 5:05pm	Presentation Series : <i>Brock Reeve, MPhil, MBA – Harvard Stem Cell Institute, USA – moderator</i> <ol style="list-style-type: none"> Access, Quality Control & Distribution of Human Embryonic Stem Cells and Derived Specialized Cells - <i>Petter Björquist, PhD – Cellartis, Sweden</i> Cord Blood Stem Cell Banking: Today and Tomorrow - <i>Morey Kraus, PhD – Viacell, USA</i> Integrating Cell Banking, Characterization, and cGMP Production Efforts to Support the Translation of Human ES Cell Therapeutics into Human Clinical Trials - <i>Derek Hei, PhD – Waisman Center, University of Wisconsin, USA</i> Translating Cellular Therapies in the Clinic - <i>Michael Whitaker, PhD, Newcastle University</i>
5:05pm - 5:50pm	Panel Discussion: <i>Brock Reeve, MPhil, MBA – Harvard Stem Cell Institute, USA – moderator</i> <ol style="list-style-type: none"> <i>Petter Björquist, PhD – Cellartis, Sweden</i> <i>Morey Kraus, PhD – Viacell, USA</i> <i>Derek Hei, PhD – Waisman Center, University of Wisconsin, USA</i> <i>Michael Whitaker, PhD, Newcastle University</i>
6:00pm - 7:00pm	Networking/Welcome Reception
Thursday, September 3rd 7:30am - 8:30am	Morning Break in the Exhibit Hall
7:30am - 5:00pm	Registration, visit exhibits & view posters in Exhibit Hall
Session 3: Stem Cell Screening Systems Session Chair: Daniel Marshak, PhD – Vice President & CSO; President, Greater China for PerkinElmer, Inc.	
8:00am - 8:05am	Opening Remarks & Keynote Introduction
8:05am - 8:50am	Keynote Presentation: Molecular Regulation of Self Renewal and Normal Stem Cell and Cancer <i>Michael F. Clarke, MD – Stanford Institute for Stem Cell & Regenerative Medicine, USA</i>



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8:50am - 9:20am	A Stem Cell-Based Approach to Understanding Neurodegenerative Disease <i>Lee Rubin, PhD – HSCI & Harvard University, USA</i>
9:20am - 9:50am	Adult Stem Cells in Drug Discovery and Therapeutics <i>Daniel Marshak, PhD – Greater China for PerkinElmer, Inc., China</i>
9:50am - 10:20am	Networking/refreshment break, visit exhibits & view posters in Exhibit Hall
10:25am - 10:55am	High Content Assay for the Identification of Small Molecule Modulators of hES Cells <i>Hakim Djaballah, PhD – Memorial Sloan-Kettering Cancer Center, USA</i>
10:55am - 11:25am	Identification of Chemical Probes to Interrogate Complex Biology Using Integrated Biological Screening and Chemistry <i>Michelle Palmer, PhD – Broad Institute of Harvard & MIT, USA</i>
11:25am - 11:55am	Activation of Endogenous Stem Cells in the Brain – A New Approach to CNS Disease <i>Lilian Wikström, PhD – NeuroNova AB, Sweden</i>
12:00pm - 1:00pm	Lunch break, visit exhibits & poster viewing in Exhibit Hall
1:05pm - 1:50pm	Tutorial Program II
Session 4: Therapeutic Applications Session Chair: Thomas Okarma, MD, PhD, President, CEO & Director, Geron Corporation	
1:55pm - 2:00pm	Opening Remarks
2:00pm - 2:30pm	Pathways Regulating Self- Renewal of Hematopoietic Stem Cells <i>Leonard Zon, MD – HSCI & Children’s Hospital Boston, USA</i>
2:30pm - 3:00pm	Human Embryonic Stem Cell Therapy: Pathway to the Clinic <i>Thomas Okarma, MD, PhD – Geron Corporation, USA</i>
3:05pm - 3:35pm	Networking/refreshment break, visit exhibits & view posters in Exhibit Hall
3:40pm – 4:10pm	Regenerative Potential of Skeletal Muscle Stem Cells <i>Amy Wagers, PhD, HSCI and Joslin Diabetes Center, USA</i>
4:10pm - 4:40pm	Bacmam Vectors for Stem Cells and for High-Throughput Screening <i>Frederick Boyce, PhD – Massachusetts General Hospital, USA</i>
4:40pm - 5:10pm	Reprogramming Somatic Cells to Pluripotency Using Small Molecules <i>Justin Ichida, Postdoctoral fellow, Eggan laboratory, HSCI</i>
5:10pm - 5:30pm	Closing Remarks