

# AGENDA GeneExpression Systems of USA Presents

## Epigenomics, Sequencing & SNIps-2009 Meeting: To be held at Conference Center, Harvard Medical School, Boston, MA, USA

Monday, July 13, 2009

Tuesday 14, 2009

<b>8.25 - 10.00 AM</b>	<b>Session I: Technology Workshop:</b>
	<b>Chair: Han Jo Lee, DPhil. Febit, Inc. Lexington, USA</b>
8.30 - 9.00 AM	<b>Andreas Tobler, PhD.</b> Life Technologies, Foster City, CA Title: TaqMan Copy Number Assays for Human Diseases
9.00 - 9.30 AM	<b>Brian Egan, PhD.</b> Genpathway, Inc., San Diego, CA, USA Title: Genome-wide ChIP based studies of gene regulation
9.30 - 10.00 AM	<b>Han Jo Lee, DPhil.,</b> Febit, Inc. Lexington, MA USA & Germany Title: The Power to Detect: HybSelect™ for Sequence Capture
<b>10.00 - 10.20 AM</b>	<b>AM Coffee Break 20 minutes</b>
<b>10.20 - 12.05 PM</b>	<b>Session II: Chromatin Biology</b>
	<b>Chair: Krishnarao Appasani, PhD., MBA.</b>
10.20 - 10.35 AM	Welcome By <b>Krishna Appasani, PhD.</b> GeneExpression Systems <b>Keynote Speaker: Alexander Meissner, PhD.</b> Harvard Univ.
10.35 - 11.15 AM	<b>Alexander Meissner, PhD.</b> Harvard University & Broad Inst. Title: Epigenomics and Cellular States
11.15 - 11.40 AM	<b>Kouji Hirota, PhD.</b> Kyoto University, Japan Title: Non-coding RNAs disrupt chromatin array
11.40 - 12.05 PM	<b>Peter Park, PhD.</b> Harvard Medical School, USA Title: ChIP-sequencing experiments towards dosage compensation
<b>12.05 - 1.10 PM</b>	<b>Lunch Break 1 hour</b>
<b>1.10 - 3.15 PM</b>	<b>Session III: Chromatin Biochemistry</b>
	<b>Chair: Laurie Jackson-Grusby, PhD. Children's Hospital</b>
1.10 - 1.35 PM	<b>Michael Green, PhD., MD.,</b> UMass Medical School, USA Title: Epigenetic Silencing Mechanisms Using Genome-Wide RNAi
1.35 - 2.00 PM	<b>Terrence Furey, PhD.</b> Duke University, USA Title: High resolution mapping studies of chromatin
2.00 - 2.25 PM	<b>Laurie Jackson-Grusby, PhD.,</b> Children's Hospital, Harvard, USA Title: TBA
2.25 - 2.50 PM	<b>Atsushi Kaneda, MD., PhD.</b> University of Tokyo, Japan Title: Epigenotyping, DNA methylation analysis in colorectal cancer
2.50 - 3.15 PM	<b>Claes Wadelius, PhD.</b> Uppsala University, Sweden Title: A new Darwinian force with an epigenetic twist
<b>3.15 - 4.00 PM</b>	<b>PM Break 45 min. - Visit of Exhibits and Posters</b>
<b>4.00 - 5.40 PM</b>	<b>Session IV: PharmacoEpigenomics(Drugs &amp; Therapeutics)</b>
	<b>Chair: Myles Brown, MD.</b>
4.00 - 4.25 PM	<b>Myles Brown, MD.</b> Dana-Farber Cancer Institute, USA Title: Hormonal responsiveness of human breast cancer
4.25 - 4.50 PM	<b>Shaun Mahony, PhD.</b> CS & Artificial Intelligence Lab-MIT, USA Title: Chromatin Dynamics and Regulation
4.50 - 5.15 PM	<b>Elizaveta V. Benevolenskaya, PhD.</b> Univ. of Illinois-Chicago, USA Title: RBP2 histone demethylase in cancer
5.15 - 5.40 PM	<b>Nick Wong, PhD.</b> University of Melbourne, Australia Title: DNA Methylation analysis using archived blood samples
<b>5.45 PM</b>	<b>End of the First Day</b>

<b>8.00 - 10.00 AM</b>	<b>Session V: Sequencing Technology in Post Genomics</b>
	<b>Chair: Stephen Turner, PhD.</b>
8.00 - 8.30 AM	<b>Gavin Meredith, PhD.</b> Life Technologies, Carlsbad, CA Title: MBD-based Enrichment for High-Throughput Sequencing
8.30 - 9.00 AM	<b>Stephen Turner, PhD.</b> CTO, Pacific Biosciences, Menlo Park, USA Title: Applying single molecule real time DNA sequencing
9.00 - 9.30 AM	<b>John F. Thompson, PhD.</b> Helicos Bioscience Corp. USA Title: Single Molecule Sequencing of Epigenomic Modifications
9.30 - 10.00 AM	<b>Jin Billy Li, PhD.</b> Harvard Medical School, Boston, USA Title: Sequencing of Human Genomes, Transcriptomes and Methylomes
<b>10.00 - 10.30 AM</b>	<b>AM Coffee Break 30 minutes</b>
<b>10.30 - 12.30 PM</b>	<b>Session VI: Epigenomics in Disease Biology</b>
	<b>Chair: Shuji Ogino, Brigham &amp; Women's Hospital</b>
10.30 - 10.35 AM	Introduction of Industry Keynote Speaker By <b>Krishna Appasani, PhD.</b>
10.35 - 11.15 AM	<b>Joan Fallon, PhD. CEO,</b> Curemark, Inc. Title: TBA
11.15 - 11.40 AM	<b>Shuji Ogino, MD., PhD.</b> Brigham and Women's Hospital, USA Title: Significance of Epigenomic Aberrations in Colorectal Cancer
11.40 - 12.05 PM	<b>Sungwhan An, P.hD.</b> Genomictee, Inc., South Korea Title: DNA methylation patterns in colon cancer and biomarker development
12.05 - 12.30 PM	<b>Victoria Haghghi, PhD.</b> Title: Whole Genome DNA Methylation Profiling of Major Depression
<b>12.30 - 1.45 PM</b>	<b>Lunch Break (1 hour 15 min) on your own</b>
<b>1.45 - 3.25 PM</b>	<b>Session VII: SNPs &amp; CNVs (SNIpomics)</b>
	<b>Chair: Charles Lee, PhD. Brigham &amp; Women's Hospital</b>
1.45 - 2.10 PM	<b>Charles Lee, PhD. Brigham &amp; Women's Hospital, Harvard, USA</b> Title: TBA
2.10 - 2.35 PM	<b>Steve Carroll, PhD.</b> Broad Institute of MIT and Harvard, USA Title: TBA
2.35 - 3.00 PM	<b>Casandra Smith, PhD.</b> Boston University, USA Title: Schizophrenia: The nature and nurture of a common disease
3.00 - 3.25 PM	<b>Edith Pfister, PhD Student,</b> UMass Medical School, USA Title: RNAi targeting of SNPs in the Huntington disease gene
<b>3.25 - 3.40 PM</b>	<b>PM Break 15 minutes - Visit of Exhibits</b>
<b>3.40 - 5.25 PM</b>	<b>Session VIII: Single Nucleotide Polymorphism (SNIpomics) Contd...</b>
	<b>Chair: Kornelia polyak, MD., PhD., Dana-Farber Cancer Institute</b>
3.40 - 4.05 PM	<b>Kornelia Polyak, M.D.,Ph.D.</b> Dana-Farber Cancer Institute-Harvard, USA Title: TBA
4.05 - 4.30 PM	<b>Madeleine Price Ball, PhD. Student,</b> Harvard Medical School Title: Targeted and genome-scale cytosine methylation profiling methods
4.30 - 4.55 PM	<b>Pardis Sabeti, M.D., D.Phil.</b> Harvard University, USA Title: TBA
4.55 - 5.20 PM	<b>Emelia J. Benjamin, MD.</b> Boston University Medical School, USA Title: Genetics of Atrial fibrillation focusing on SNP analysis
<b>5.20 - 5.25 PM</b>	<b>Concluding Remarks by Krishnarao Appasani</b>