

## FINAL AGENDA (as of July 02-2013)

GeneExpression Systems & Appasani Research Conferences of USA Presents:

*Epigenomics & Metabolomics Symposia-2013*

# Metabolomics-2013 Meeting on “Diabetes, Obesity & Cardio Vascular Diseases”

**Venue:** Joseph B. Martin Conference Center-Rotunda, New Research Building, Harvard Medical School, 77 Avenue Louis Pasteur  
Boston, MA 02115, **USA**

**Date:** July 10 - 11, 2013

**Organizer:** Krishnarao Appasani, PhD. GeneExpression Systems, Inc. of USA

	JULY 10, Wednesday		JULY 11, Thursday
8:00 AM	<b>REGISTRATION OPEN:</b> Coffee/Tea & Refreshments	8:00 AM	<b>REGISTRATION OPEN:</b> Coffee/Tea & Refreshments
8:45 – 10:10 AM	<b>Session I: JOINT INAUGURAL SESSION</b> (on Epigenomics & Metabolomics)	8:45 – 10:10 AM	<b>Session V: JOINT INAUGURAL SESSION</b> (on Epigenomics & Metabolomics)
8:45 – 9:00 AM	<b>Welcome Note &amp; Introduction of Keynote Speakers</b> Krishnarao Appasani, PhD. GeneExpression Systems, <b>USA</b>	8:45 – 9:00 AM	<b>Welcome Note &amp; Introduction of Keynote Speakers</b> Krishnarao Appasani, PhD. GeneExpression Systems, <b>USA</b>
9:00 – 9:35 AM	<b>Keynote Lecture by: Peter Libby, MD.</b> Brigham & Women’s Hospital & Harvard Medical School, <b>USA</b> <b>Title:</b> Cardiovascular Disease: Is Inflammation the missing link?	9:00 – 9:35 AM	<b>Keynote Lecture by: George M. Church, PhD.</b> Harvard Medical School, <b>USA</b> <b>Title:</b> Changing Personal Epi-Genomes
9:35 – 10:10 AM	<b>Keynote Lecture by: Laurie Jackson-Grusby, PhD.</b> Children’s Hospital Boston & Harvard Medical School, <b>USA</b> <b>Title:</b> Epigenetic regulation in normal and cancer stem cells	9:35 – 10:10 AM	<b>Keynote Lecture by: Evan D. Rosen MD, PhD.</b> Beth Israel Deaconess Medical Center Harvard Medical School, <b>USA</b> <b>Title:</b> Epigenetic mechanisms in metabolic health and disease
10:10 – 10:40 AM	<b>30 Minutes AM Break</b>	10:10 – 10:40 AM	<b>30 Minutes AM Break</b>
	<b>Parallel Sessions on: Epigenomics &amp; Metabolomics</b> Runs from Now onwards		<b>Parallel Sessions on: Epigenomics &amp; Metabolomics</b> Runs from Now onwards
	<b>FOCUSSED Metabolomics - Diabetes, Obesity &amp; CVD</b> <b>THEME TALKS</b>		<b>FOCUSSED Metabolomics - Diabetes, Obesity &amp; CVD</b> <b>THEME TALKS</b>
10:40 – 12:25 PM	<b>Session II: Cardio Vascular Diseases</b> <b>Chair: Dr. Dirk Sartor, Switzerland</b>	10:40 – 12:25 PM	<b>Session VI: Adipocyte biology, Leptins &amp; Therapeutics</b> <b>Chair: Karin Jandeleit-Dahm, MD, PhD. Australia</b>
10:40 – 11:10 AM	<b>Habib Samady, MD.</b> <b>Plenary Speaker</b> Emory University School of Medicine, <b>USA</b> <b>Title:</b> Predicting plaques in coronary arteria via fluid dynamics	10:40 – 11:10 AM	<b>Karin Jandeleit-Dahm, MD, PhD.</b> <b>Plenary Speaker</b> Monash University, <b>Australia</b> & University of Hannover, <b>Germany</b> <b>Title:</b> Novel targets to treat diabetic complications
11:10 – 11:35 AM	<b>Shanta Dhar, PhD.</b> University of Georgia, <b>USA</b> <b>Title:</b> HDL-mimicking nanoparticles for atherosclerosis	11:10 – 11:35 AM	<b>Yossi Tam, DMD, PhD.</b> National Institute on Alcohol Abuse and Alcoholism-NIH, <b>USA</b> <b>Title:</b> The peripheral endocannabinoid/CB1 receptor system: A novel therapeutic target for obesity-related leptin resistance
11:35 – 12:00 PM	<b>Dr. Dirk Sartor</b> Cardiolynx Ltd., <b>Switzerland</b> <b>Title:</b> One heart, one life, multiple protection	11:35 – 12:00 PM	<b>Annie Moisan, PhD.</b> F. Hoffmann-La Roche, <b>Switzerland</b> <b>Title:</b> Pharmacological induction of a brown phenotype in human stem cell-derived adipocytes
12:00 – 12:25 PM	<b>Da-Zhi Wang, PhD.</b> Children’s Hospital & Harvard Medical School, <b>USA</b> <b>Title:</b> MicroRNAs in the heart	12:00 – 12:25 PM	<b>Neil Poloso, Ph.D.</b> Allergan, Inc., <b>USA</b> <b>Title:</b> The role of prostamides in the regulation of the adipocyte biology
12:25 – 1:30 PM	<b>Lunch Break I hour 05 min. (Lunch Provided)</b>	12:25 – 1.30 PM	<b>Lunch Break 1 hour and 05 min (ON YOUR OWN)</b>

<b>1:30 – 3:55 PM</b>	<b>Session III: Metabolism &amp; Obesity</b> <b>Chair: Barbara Corkey, PhD. USA</b>	<b>1:30 – 3:40 PM</b>	<b>Session VII: Diet , Aging &amp; Treatment Strategies- I</b> <b>Chair: Steven Cohen, MD. USA</b>
1:30 – 2:00 PM	<b>Barbara E. Corkey, PhD. Plenary Speaker</b> Boston University School of Medicine, <b>USA</b> <b>Title:</b> Redox Regulation of Metabolic Function	1:30 – 2:00 PM	<b>Leonard P. Guarente, PhD. Plenary Speaker</b> Massachusetts Institute of Technology, <b>USA</b> <b>Title:</b> Sirtuins-aging, diseases and circadian control
2:00 – 2:25 PM	<b>Jose C. Florez, MD, PhD.</b> Mass General Hospital & Harvard Medical School, <b>USA</b> <b>Title:</b> Genome-wide association studies in the pathophysiology 2 diabetes	2:00 – 2:25 PM	<b>Steven E. Cohen, MD.</b> Daiichi Sankyo, Inc. <b>USA</b> <b>Title:</b> Pharma-Academia collaboration for enhancing drug discovery
2:25 – 2:50 PM	<b>Mireille J.M. Serlie, MD, PhD.</b> University of Amsterdam Medical Center, <b>The Netherlands</b> <b>Title:</b> The role of dopamine and serotonin in glucose metabolis obesity	2:25 – 2:50 PM	<b>Aaron M. Cypess, MD, PhD.</b> Joslin Diabetes Center & Harvard Medical School, <b>USA</b> <b>Title:</b> A new treatment target for obesity and diabetes – brown adipose tissue
2:50 – 3:15 PM	<b>Takhar Kasumov, PhD.</b> Cleveland Clinic & Lerner College of Medicine, <b>USA</b> <b>Title:</b> Ceramide as a mediator of obesity induced atherosclerosis, Heavy water based metabolic labeling approach	2:50 – 3:15 PM	<b>Jun Sonoda, PhD.</b> Genentech, Inc., <b>USA</b> <b>Title:</b> Fat-burning antibody for the treatment of type-2 diabetes
3:15 – 3:40 PM	<b>Donalyn Scheuner, PhD.</b> Lilly Research Laboratories, Eli Lilly & Company, <b>USA</b> <b>Title:</b> Stress signaling in beta cell function and metabolic disease	3:15 – 3:40 PM	<b>Hana Koutnikova, PhD.</b> Danone Research Company, <b>France</b> <b>Title:</b> Functional food as a part of dietary strategy to cardiovascular and metabolic disease management
3:40 – 3:55 PM	<b>Corinth Auld, PhD. Short Presentation</b> Mercodia, Inc. <b>USA</b> <b>Title:</b> Biomarker assays for the detection of metabolic diseases	–	– –
<b>3:55 – 4:15 PM</b>	<b>PM Break 20 min</b>	<b>3:40 – 4:15 PM</b>	<b>PM Break 35 min</b>
<b>4:15 – 6:00 PM</b>	<b>Session IV: Cardio Vascular Diseases &amp; Biomarkers</b> <b>Chair: Gregory Lewis, MD. USA</b>	<b>4:15 – 6:00 PM</b>	<b>Session VIII: High-throughput Screenings &amp; Treatment Strategies- II</b> <b>Chair: Bruce L. Riser, PhD. USA</b>
4:15 – 4:45 PM	<b>Gregory D. Lewis, MD. Plenary Speaker</b> Mass General Hospital & Harvard Medical School, <b>USA</b> <b>Title:</b> Biomarkers/metabolic signatures for cardiovascular diseases	4:15 – 4:45 PM	<b>Bruce L. Riser, PhD. Plenary Speaker</b> Baxter Healthcare, <b>USA</b> <b>Title:</b> CCN3 based therapy: Novel prevention and treatment in complications of diabetes and obesity
4:45 – 5:10 PM	<b>Mannix Auger-Messier, PhD.</b> University of Sherbrooke, <b>Canada</b> <b>Title:</b> The role of DUSP proteins in dilated cardiomyopathy	4:45 – 5:10 PM	<b>Benjamin S. Maciejewski</b> CVMED Discovery Innovations, Pfizer Inc. <b>USA</b> <b>Title:</b> Pharmacological inhibition to examine the role of DGAT1 in rodents and man
5: 10 – 5:35 PM	<b>Ting-Ting Hong, MD., PhD.</b> University of California San Francisco, <b>USA</b> <b>Title:</b> BIN1, an essential cardiac protein that is also a blood-based biomarker of cardiac reserve	5:10 – 5:35 PM	<b>Zhongdong (John) Huang, PhD.</b> Halozyme Therapeutics Inc., <b>USA</b> <b>Title:</b> Recombinant human hyaluronidase PH20 (rHuPH20) accelerates insulin exposure and does not stimulate inflammation
5:35 – 6:00 PM	<b>Maria Cecilia Scimia, MD, PhD.</b> Temple University, <b>USA</b> <b>Title:</b> APJ acts as a dual receptor in cardiac hypertrophy	5:35 – 6:00 PM	<b>Bridget K. Wagner, PhD.</b> The Broad Institute of Harvard and MIT, <b>USA</b> <b>Title:</b> High-throughput screening to identify small-molecule modulators of beta-cell mass
<b>6:00 PM End of 1<sup>st</sup> day session</b>		<b>6:00 PM End of Conference</b>	<b>CLOSING REMARKS</b>