

AGENDA (as of November 25, 2014)

GeneExpression Systems & Appasani Research Conferences of USA Presents:

Disease Therapeutics Symposium on

Neuron to Synapse/Optogenetics & Microbiome Meeting - 2014

Venue: Courtyard MARRIOTT Hotel, 777 Memorial Drive, Cambridge, MA 02139, USA on **December 3 - 4, 2014**

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

	DECEMBER 03, WEDNESDAY		DECEMBER 04, THURSDAY
8:00 AM	REGISTRATION OPEN: Coffee/Tea & Refreshments	8:00 AM	REGISTRATION OPEN: Coffee/Tea & Refreshments
9:15 – 9:30 AM	Welcome Note by Organizer: Krishnarao Appasani, PhD., MBA, USA	9:00 – 9:15 AM	Introduction of Session Chair by: Krishnarao Appasani, PhD., MBA, USA
9:30 – 10:45 AM	Session I: Joint Inaugural Session Chair: Dr. Krishnarao Appasani, USA	9:15 – 10:45 AM	Session V: Joint Session Chair: Dr. Krishnarao Appasani, USA
9:30 – 10:00 AM	Joan Fallon, PhD. Industry Keynote Speaker Curemark, Inc., USA Title: The Role of Endogenous and Exogenous amino acids in Neurodegenerative Diseases	9:15 – 9:45 AM	George Weinstock, PhD. Keynote Speaker The Jackson Laboratory for Genomic Medicine, USA Title: Studies of the Medical Microbiome
10:00 – 10:30 AM	Sridhar Mani, MD. Keynote Speaker Albert Einstein College of Medicine, USA Title: Regulation of intestinal barrier function by bacterial metabolites	9:45 – 10:15 AM	Laurence Zitvogel, MD, PhD. INSERM & INRA-Institut Gustave Roussy, France Title: Gut microbiota-dependent antitumor efficacy of CTLA4 blockade
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10:30 – 11:00 AM	30 Minutes AM Break	10:45 – 11:00 AM	15 Minutes AM Break
11:00– 12:20 PM	Session II: Neural Systems & Optogenetics Chair: Dr. Mehmet Fatih Yanik, PhD. USA	11:00 – 12:20 AM	Session VI: Optogenetics Chair: Dr. Serge A. Picaud, FRANCE
11:00 – 11:30 AM	Mehmet Fatih Yanik, PhD. Plenary Speaker Massachusetts Institute of Technology, USA Title: TBA	11:00 – 11:30 PM	Serge A. Picaud, PhD. Plenary Speaker European Vision Institute-INSERM-UPMC Paris, France Title: Translatability of optogenetic visual restoration to blind patients
11:30 – 11:55 AM	Jin Hyung Lee, PhD. Stanford University, USA Title: Real-time optogenetic functional magnetic resonance imaging	11:30 – 11:55 AM	Michelle M. Sidor, PhD. University of Pittsburgh Medical Center, USA & Novartis Institutes for Biomedical Research, USA Title: Using a novel optogenetic approach to dissect the neural circuitry underlying bipolar-mania
11:55 – 12:20 PM	Silvana Konerman Broad Institute - Mass. Inst. of Technology, USA Title: Optogenetic LITE technology	11:55 – 12:20 PM	Oscar J. Abilez, MD, PhD. Cardiovascular Inst. Stanford Univ. Sch. of Medicine, USA Title: Optogenetic control of human cardiac cells and tissues

12:20 – 1:45 PM	Lunch Break 1 hour 25 min (Will be provided)	12:20 –1:30 PM	Lunch Break 1 hour 10 min (Will be provided)
1:45 – 3:40 PM	Session III: Microbiome & Cognitive Biology Chair: Dr. Georg K. Gerber, USA	1:30 – 3:40 PM	Session VII: Oral and Skin Microbiome & Microbiota Chair: Dr. Jacques Izard, USA
1:45 – 2:15 PM	Georg K. Gerber, MD, PhD, MPH Plenary Speaker Brigham and Women’s Hospital, USA Title: The dynamic microbiome	1:30 – 2:00 PM	Jacques Izard, PhD. Plenary Speaker Forsyth Inst.- Harvard School of Dental Medicine, USA Title: Preserving the metatranscriptome and metagenome of the human gut
2:15 – 2:40 PM	Zhiheng Pei, MD, PhD. New York University Langone Medical Ctr. USA Title: Microbial link to esophageal adenocarcinoma	2:00 – 2:25 PM	Huiying Li, PhD. UCLA School of Medicine, USA Title: The human skin microbiome in acne at the strain level
2:40 – 3:05 PM	Xinhua Chen, PhD. Beth Israel Deaconess Medical Center, USA Title: Toxin-induced VEGFA production contributes substantially to the pathogenesis of Clostridium difficile infection	2:25 – 2:50 PM	Vijay Antharam, PhD. Minnesota State University, USA Title: Clostridium difficile, Cholesterol, and the Microbiome
3:05 – 3:30 PM	Jyoti Mishra, PhD. University of California at San Francisco, USA, Title: Reducing neural noise and cognitive distractibility through training	2:50 – 3:15 PM	Susan M. Huse, PhD. Brown University, USA Title: Multidimensional taxonomic variability of Pouchitis confounds statistics
3:30 – 3:55 PM	Matthew Pecot, PhD. Harvard Medical School, USA Title: Assessing the contribution of molecular diversity to neural circuit assembly	3:15 – 3:40 PM	Antonio Riccio, PhD. Children’s Hospital Boston, USA Title: TRPC channels: new targets for treatment of anxiety disorders
3:55 – 4:30 PM	PM Break 35 minutes	3:40 – 4:00 PM	PM Break 15 minutes
4:30 – 6:15 PM	Session IV: Metagenomics & Microbiome Chair: Dr. Edi Prifti, FRANCE	4:00 – 5:15 PM	Session VIII: Microbiome in Tumor Biology Chair: Dr. Krishnarao Appasani, USA
4:30 – 5:00 PM	Edi Prifti, PhD. Plenary Speaker MetaGenoPolis, Institut National de la Recherche Agronomique, France Title: Alterations of gut microbiome in liver cirrhosis patients	4:00 – 4:30 PM	Caitlin Brennan, PhD. Harvard School of Public Health, USA Title: Fusobacteria in colorectal cancer
5:00 – 5:25 PM	Aristóteles Góes-Neto, PhD. State University of Feira de Santana, Brazil Title: Fungal diversity in lignocellulosic coarse woody debris from neotropical rainforests: a metagenomics approach	4:30 – 4:55 PM	Brook Chernet, PhD. Tufts University, USA Title: Microbiome: host interaction facilitates long-range bioelectric signaling that suppresses tumor formation in <i>Xenopus laevis</i> embryos
5:25 – 5:50 PM	Susan E. Erdman, DVM, MPH Massachusetts Institute of technology Title: Microbiome and tumor environment	-----	-----
6:00 PM	End of 1st day session	5:00 PM	End of the Conference: Concluding Remarks