

# AGENDA

as of September 15, 2011

GeneExpression Systems, Inc. & Appasani Research Conferences of USA Presents:

## European Neurodegenerative Diseases (END) & European Genomics Meeting (EGM)-2011 Meeting

Venue: Auditorium at Consiglio Nazionale delle Ricerche (CNR) Institute, Area Tor Vergata, Rome, ITALY

Date: October 10 – 11, 2011

### Organizers:

Krishnarao Appasani, PhD., MBA, GeneExpression Systems, Inc. of USA &  
Giovanni Murtas, PhD., Centro Enrico Fermi, IFT, Consiglio Nazionale delle Ricerche, Tor Vergata, Rome, ITALY

	OCTOBER 10, Monday (Day 1)		OCTOBER 11, TUESDAY (Day 2)
8:00 AM	REGISTRATION OPEN: Coffee/Tea & Refreshments	8:00 AM	REGISTRATION OPEN: Coffee/Tea & Refreshments
8:30 – 9:00 AM	Technology Speaker Spot OPEN To Be Announced	8:30 – 9:00 AM	Technology Speaker Spot OPEN To Be Announced
9:00 – 10:45 AM	Session I: Reflections of Neurobiology & Genomics Chair: Giovanni Murtas, PhD. Italy	9:00 – 10:50 AM	Session V: Neural Stem Cells & Neuro-Physiology of Autism Chair: Krishnarao Appasani, PhD., MBA USA
9:00 – 9:15 AM	Welcome Note by Giovanni Murtas, PhD. Co-organizer	9:00 – 9:10 AM	Welcome Note by Krishnarao Appasani, PhD., MBA. Co-organizer
9:15 – 9:55 AM	Keynote Lecture by: Antonino Cattaneo, PhD. Scuola Normale Superiore di Pisa (SNS) Pisa, Italy Title: TBA	9:10 – 10:10 AM	ERA-NET NEURON Young Investigator Award Ceremony Greetings by By Erkki Raulo, PhD., University of Helsinki, Finland Award Recipient Lecture by Jens Schwamborn, PhD., Group Leader Westfälische Wilhelms-University of Münster, Münster, Germany Title: Differentiation and stemness maintenance of neural stem cells
9:55 – 10:20 PM	Manuel Mamei, PhD. INSERM/University of Pierre et Marie Curie (UPMC) Institut du Fer a Moulin, Paris, France Title: Synaptic plasticity and addiction	10:10 – 10:50 AM	Industry Keynote Speaker by: Joan Fallon, Ph.D. Chief Executive Officer Curemark LLC, Rye, NY, USA Title: The Relationship of Neurobiology and Physiology in Autism: A New Paradigm in Treatment
10:20 – 10:45 AM	Dr. Michal Schwartz The Maurice and Ilse Katz Professor & Chair in Neuroimmunology The Weizmann Institute of Science, Rehovot, Israel Title: A paradigm shift in the perception of brain-immune relationships: Boosting immunity for fighting neurodegenerative diseases	---	---
10:45 – 11:05 AM	AM Refreshment Break (20 min)	10:50 – 11:10 AM	AM Refreshment Break (20 min)
11:05 – 12:45	Session II: Parkinson's Disease & Synapse Plasticity Chair: Michal Schwartz, PhD. Israel	11:10 – 12:40	Session VI: Reflections of Synthetic Biology Chair: Giovanni Murtas, PhD. Italy
11:05 – 11:30 AM	Silke Nuber, PhD. University Tuebingen, Germany & UCSD, La Jolla, CA, USA Title: Progression and reversibility of alpha-synuclein induced pathology in conditional models of early and late stage Parkinson's disease	11:10 – 11:50 AM	Keynote Lecture by: Shuguang Zhang, PhD. Associate Director of the Center for Biomedical Engineering Massachusetts Institute of Technology, Cambridge, MA, USA Title: Lipid-like self-assembling peptides: implication for the origin of chemical evolution
11:30 – 11:55 AM	Avraham Yaron, PhD. Senior Scientist in the Biological Chemistry The Weizmann Institute of Science Rehovot, Israel Title: Mechanisms of axonal elimination during development	11:50 – 12:15 AM	Ichiro Hirao, PhD. Team Leader RIKEN Yokohama Institute, Yokohama, Kanagawa, Japan Title: New biotechnology by the expansion of the genetic alphabet using unnatural base pairs
11:55 – 12:20 PM	Tomi Taira, Ph. D. Group Leader in the Neuroscience Center University of Helsinki, Helsinki, Finland Title: Activity-dependent development and plasticity in the hippocampus	12:15 – 12:40 AM	Enrico Petretto, PhD. Group Head & Lecturer in Genomic Medicine Imperial College London & Hammersmith Hospital, London, UK Title: Systems Biology and genetic basis of complex traits
12:20 – 12:45 PM	Speaker Spot OPEN To Be Announced	--	---
12:45 – 2:00 PM	Lunch Break (1 hour 15 min)	12:40 – 1:45 PM	Lunch Break (1 hour 05 min. ON YOUR OWN)

<b>2:00 – 3:40 PM</b>	<b>Session III: Genomics Technologies &amp; Applications</b> <b>Chair: Wilhelm Ansorge, PhD. Switzerland</b>	<b>1:45 – 3:50 PM</b>	<b>Session VII: Systems &amp; Synthetic Biology</b> <b>Chair: Pierre-Alain Monnard, PhD. Denmark</b>
2:00 – 2:25 PM	<b>Wilhelm Ansorge, PhD.</b> Professor École Polytechnique Fédérale de Lausanne Lausanne, <b>Switzerland</b> <b>Title:</b> Next-generation DNA sequencing techniques & applications	1:45 – 2:10 PM	<b>Pierre-Alain Monnard, PhD.</b> Associate Professor of Physics & Chemistry University of Southern Denmark, Odense M, <b>Denmark</b> <b>Title:</b> Non-Enzymatic biopolymerization reactions supported by heterogeneous media
2:25 – 2:50 PM	<b>Grover Cong Yu, PhD.</b> Regional Project Director Beijing Genomics Institute (BGI) Europe, <b>Denmark</b> <b>Title:</b> The Progress of 1000 Mendelian Disorders Project	2:10 – 2:35 PM	<b>Giovanni Murtas, PhD.</b> Senior Scientist at the Centro Enrico Fermi IFT, Consiglio Nazionale delle Ricerche, Tor Vergata, Rome, <b>Italy</b> <b>Title:</b> Towards the emergence of life: A Synthetic Biology approach for artificial cell assembly
2:50 – 3:15 PM	<b>Roberto Marangoni, PhD.</b> Researcher in Informatics University of Pisa, Pisa, <b>Italy</b> <b>Title:</b> A computational approach to the functional screening of genomes	2:35 – 3:00 PM	<b>Gonen Ashkenasy, PhD.</b> Professor of Bioorganic Chemistry Ben Gurion University of the Negev, Beer Sheva, <b>Israel</b> <b>Title:</b> Replication Networks made of a-Helix and b-Sheet Peptides
3:15 – 3:40 PM	<b>Lei Zhang, PhD Student</b> International Medical Equipment Collaborative (IMEC) Catholic University of Leuven, Leuven, <b>Belgium</b> <b>Title:</b> TBA	3:00 – 3:25 PM	<b>Fabio Mavelli, PhD.</b> Researcher in Chemistry University of Aldo Moro, Bari, <b>Italy</b> <b>Title:</b> Title: Stochastic simulations of minimal cell models
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<b>3:40 – 4:10 PM</b>	<b>PM Break (30 min)</b>	<b>3:50 – 4:10 PM</b>	<b>PM Break (20 min)</b>
<b>4:10 – 6:15 PM</b>	<b>Session IV: Genomic Approaches to study Neuro-Diseases</b> <b>Chair: Francesca Mariani, PhD. Italy</b>	<b>4:10 – 6:15 PM</b>	<b>Session VIII: Drugs for Neurodegenerative Diseases</b> <b>Chair: Joan Fallon, Ph.D. USA</b>
4:10 – 4:35 PM	<b>Francesco Cecconi, PhD.</b> Full Professor & Associate Telethon Scientist University of Rome Tor Vergata & Dulbecco Telethon Institute Rome - <b>Italy</b> <b>Title:</b> A nonapoptotic role for Caspase-3 in synaptic degeneration	4:10 – 4:35 PM	<b>Kenneth J. Rhodes, PhD.</b> Vice President, Discovery Neurobiology Biogen Idec., Cambridge, MA, <b>USA</b> <b>Title:</b> Repairing the Nervous System: Opportunities in Pain and Multiple Sclerosis (MS)
4:35 – 5:00 PM	<b>Rodrigo Assar</b> University Bordeaux 1 & INRIA Sud-Ouest Bordeaux, <b>France</b> <b>Title:</b> Genome-wide identification of new Wnt/beta-catenin target genes in the human genome using CART method	4:35 – 5:00 PM	<b>Fabrizio Tagliavini, MD.</b> Head of the Neurodegenerative Diseases Dept. Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano, <b>Italy</b> <b>Title:</b> Development of Alzheimer disease therapeutics based on a natural variant of Amyloid-beta with dominant-negative effect on amyloidogenesis
5:00 – 5:25 PM	<b>Francesca Mariani, PhD.</b> Project leader & Laboratory Head Institute of Cell Biology and Neurobiology, Rome, <b>Italy</b> <b>Title:</b> Mycobacterium tuberculosis and human macrophages interaction analysis to identify biomarkers associated to infection and protection	5:00 – 5:25 PM	<b>Mara D'Onofrio, MD, PhD.</b> European Brain Research Institute "Rita Levi- Montalcini" Rome, <b>Italy</b> <b>Title:</b> Early molecular events of an Alzheimer's like neurodegeneration anti-NGF mouse model
5:25 – 5:50 PM	<b>Giulia Menconi, PhD.</b> Postdoctoral Fellow Italian National Institute for Advanced Mathematics Città Universitaria, Rome, <b>Italy</b> <b>Title:</b> A Top-down strategy to unravel genomic features: a case study on human and mouse genes	5:25 – 5:50 PM	<b>Speaker Spot OPEN To Be Announced</b>
5:50 – 6:15 PM	<b>Speaker Spot OPEN To Be Announced</b>	5:50 – 6:15 PM	<b>Speaker Spot OPEN To Be Announced</b>
<b>6:15 PM End of 1<sup>st</sup> day session</b>		<b>6:15 PM End of the CONFERENCE</b>	