

Tentative AGENDA (as of October 12, 2016)

GeneExpression Systems, Appasani Research Conferences of USA & University of Cambridge Presents:

MicroRNAs/NonCoding RNAs & Genome Editing Europe – 2016 Meeting

Venue: Peterhouse College, University of Cambridge, Cambridge, UK **Date:** November 1 - 2, 2016

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

	NOVEMBER 1, TUESDAY		NOVEMBER 2, WEDNESDAY
8:00 AM	REGISTRATION OPEN: Coffee/Tea & Refreshments	8:00 AM	REGISTRATION OPEN: Coffee/Tea & Refreshments
9:00 – 11:00 AM	SESSION I: BIOLOGY OF MICRO RNAs & NONCODING RNAs Chair: Caifu CHEN, PhD. USA	9:00 – 10:50 AM	SESSION V: MICRORNAs-BASED THERAPY & GENOME EDITING Chair: Andrew BASSETT, PhD. UNITED KINGDOM
9.00 – 9: 15 AM	Welcome Note & Introduction of Keynote Speaker by Krishnarao Appasani, PhD. <i>GeneExpression Systems, USA</i>	9:00 – 9:05 AM	Introduction by Krishnarao Appasani, PhD. <i>GeneExpression Systems, USA</i>
9:15 – 9:45 AM	KEYNOTE LECTURE by: Anton J. Enright, PhD. Group Leader EMBL - European Bioinformatics Institute, UK Title: New methods for profiling and de novo prediction of microRNAs from NGS data	9:05 – 9:35 AM	INDUSTRY KEYNOTE LECTURE by: Exiqon Executive Vedbaek, Denmark Title: TBA
9:45 – 10: 10AM	Johan Jakobsson PhD. Assistant Professor Lund University, Sweden Title: A link between autophagy and miRNA-biogenesis - implications for neurodegeneration	9:35 – 10:00 AM	Peter Leedman, MBBS, PhD. Professor & Director Harry Perkins Inst. of Medical Research, Australia Title: microRNA candidates for replacement therapy
10:10 – 10: 35 AM	Caifu Chen, Ph.D. Sr. Vice President of R&D Integrated DNA Technologies, USA Title: New roles of miR-34 in cancer and stem cell pluripotency	10:00 – 10: 25 AM	Andrew Bassett, PhD. Sanger Institute, Hinxton, United Kingdom Title: miRNA and Editing
10:35 – 11: 00 AM	Emmanuelle Vire, PhD. Investigator Scientist, UCL Neurology Institute, UK Title: Identification of non-coding RNAs involved in neurodegeneration	10:25 – 10: 50 AM	Alfonso H. Magadán, PhD. Research Scientist Chr. Hansen A/S, Denmark Title: Genome Editing to generate industrial strains
11:00 – 11:30 AM	30 Minutes AM Break	10:50 – 11:15 AM	25 Minutes AM Break
11:30 – 12:45 PM	SESSION II: ROLE OF Micro/LincRNAs IN EPIGENETIC REGULATION Chair: Damien HERMAND, PhD.BELGIUM	11:15 – 1:00 PM	SESSION VI: MICRO & NONCODING RNAs IN METABOLIC & CARDIO VASCULAR DISEASES Chair: Fabio MARTELLI, ITALY
11:30 – 12:00 AM	Yoko Matsuno, MD., PhD. Niigata University School of Medicine, Japan Title: Localization of Xist/XIST RNAs and their interaction with chromatin	11:15 – 11:45 AM	Fabio Martelli, PhD. Director Molecular Cardiology Lab. IRCCS-Policlinico San Donato, Italy Title: Noncoding RNAs in ischemic heart failure
12:00 – 12:25 PM	Damien Hermand, PhD. Assistant Professor University of Namur, Belgium Title: Stepwise chromatin remodeling by two lincRNAs underlies cell fate in fission yeast	11:45 – 12:100 PM	Andrea Caporali, PhD. Chancellor's Fellow University of Edinburgh, Scotland-UK Title: microRNAscontrol therapeutic angiogenesis

12:25 – 12:45 PM	Dr. Rodrigo M. Maza Senior Scientist Hospital Nacional de Paraplégicos, Spain Title: The role of microRNAs in neurodegenerative processes following spinal cord injury	12:10 – 12:35 PM	Lei Sun, PhD. Assistant Professor Duke-NUS Graduate Medical School, Singapore Title: De novo reconstruction of adipose tissue transcriptomes reveals novel long Noncoding RNAs that regulate brown adipocyte development
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12:45 – 1:45 PM	Lunch Break I hour (Lunch Provided)	1:00 – 2:15 PM	Lunch Break 1 hour and 15 min (ON YOUR OWN)
1:45 – 3:45 PM	SESSION III: GENOME ENGINEERING & MICRORNAs in Stem Cells, Neuro-inflammation Chair: Masato OHTSUKA, PhD. JAPAN	2:15 – 3:45 PM	SESSION VII: BREAKTHROUGHS of YOUNG SCIENTISTS Chair: Marie-Laure BAUDET, PhD. ITALY
1:45 – 2:15 PM	Masato Ohtsuka, PhD. Associate Professor Tokai University School of Medicine, Japan Title: Generation of knockdown mice using PITT and lsi-CRISPR	2:15 – 2:45 PM	Marie-Laure Baudet, PhD. Group Leader University of Trento, Italy Title: microRNAs: subcellular action in neurons during brain wiring
2:15 – 2:40 PM	Carlos P. Fitzsimons, PhD. Assistant Professor University of Amsterdam, The Netherlands Title: Two is better than one. Cooperative gene regulation by microRNAs in neural stem cells	2:45 – 3:00 PM	Laurence Amar, PhD. Group Leader SHORT PRESENTATION Institut des Neurosciences Paris-Saclay, CNRS UMR 9197 Université Paris-Saclay, France Title: microRNA populations of hypothalamic arcuate nucleus and median eminence in rat. Lack of significant influence of perinatal or adult diet/metabolism at early postnatal development stages or in adults
2:40 – 2:55 PM	Stefan J. Erkeland, PhD. Asst. Professor, Erasmus Univ. Med. Ctr Netherlands Title: Regulation of miR-139-3p and miR-199a-3p in leukemic transformation	3:00 – 3:15 PM	Meritxell Pons Espinal, PhD. SHORT PRESENTATION Postdoctoral Fellow, Italian Institute of Technology, Italy Title: Adult Neural Stem Cell-fate commitment into neurons or astrocytes is determined by Dicer-dependent miRNAs
2:55 – 3:20 PM	Eva M. Jimenez-Mateos, PhD. Research Fellow Royal College of Surgeons in Ireland, Ireland Title: MicroRNA targeting purinergic signaling regulates neuroinflammation	3:15 – 3:30 PM	Bernadette Baker, PhD. SHORT PRESENTATION Research Associate, University of Manchester, UK Title: Folate deficiency alters expression of placental microRNAs <i>in vivo</i> and <i>in vitro</i>
3:20 – 3:50 PM	PM Break 30 min - Visit of Posters	3:30 – 4.00 PM	PM Break 30 min - Visit of Posters
4:15 – 6:25 PM	SESSION IV: MICRORNAs IN CANCER Chair: Boye S. NIELSEN, PhD. DENMARK	4:00 – 6:00 PM	SESSION VIII: MICRORNAs in DISEASE BIOLOGY Chair: Geraldo A. PASSOS, PhD. BRASIL
4:15 – 4:45 PM	Boye S. Nielsen, PhD. Business & Res. Manager Bioneer A/S, Denmark Title: Cancer associated miR-21 and assessment by	4:00 – 4:30 PM	Geraldo A. Passos, PhD. Professor of Genetics Univ. of São Paulo, Ribeirão Preto Medical School, Brasil Title: siRNA and CRISPR-Cas9-mediated knockdown

	image analysis		provides evidence that autoimmune regulator gene controls cell adhesion
4:45 – 5:10 PM	Michela Garofalo, PhD. Group Leader University of Manchester, United Kingdom Title: MicroRNA regulation and dysregulation in non-small cell lung cancer	4:30 – 4:55 PM	Wendy J.M. Huang, PhD. Assistant Professor Univ. of California San Diego School of Medicine, USA Title: Regulating T helper 17 immunity: from serum amyloid to RNA helicase and its associated long non-coding RNAs
5: 10 – 5:35 PM	Eylon Yavin, PhD. Senior Lecturer The Hebrew University of Jerusalem, Israel Title: Peptide Nucleic Acids (PNAs) as diagnostic tools for RNA detection in cancer	4:55 – 5:10 PM	Haiming Cao, PhD. Investigator NHLBI, National Institutes of Health, USA Title: Regulation of systemic energy metabolism by long noncoding RNAs
5:35 – 6:00 PM	Stephen Maher, PhD. Assistant Professor Trinity College Dublin, Ireland Title: MiR-31 promotes chemotherapy resistance in mesothelioma via altered intracellular drug trafficking	5:10 – 5:35 PM	Abdoulaye Baniré Diallo Ph.D. Professor University of Quebec at Montreal, CANAA Title: Machine learning in small RNA and regulatory elements
6:00 – 6:15 PM	Ruksha Tatiana, MD, PhD. Professor SHORT PRESENTATION Krasnoyarsk State Medical University, Russia Title: MicroRNA expression pattern alterations and functional study of miR-4286 inhibition in melanoma	5:35 – 6:00 PM	Victor Dillard Chief Operating officer Desktop Genetics Ltd., United Kingdom Title: Bioinformatic tools to design genome editing experiments using CRISPR/Cas9 system
6:15 PM: End of 1st day session		6:00 PM:END of Conference	