## Tentative AGENDA (as of November 15, 2013-FINAL)

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

**Therapeutics Discovery Symposia Asia-2013**

on ‘Small RNAs to Stem Cells & Epigenetic Reprogramming-2013 Meeting’

**Venue:** Sanjo Conference Hall, University of Tokyo, Hongo Campus, Tokyo, JAPAN  
**Date:** November 25 - 26, 2013  
**Organizer:** Krishnarao Appasani, PhD. GeneExpression Systems, Inc. of USA

### NOVEMBER 25, Monday

<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Chair</th>
<th>Venue/Institution</th>
<th>Title</th>
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<tr>
<td>8:30 AM</td>
<td>REGISTRATION OPEN</td>
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| 9:15 – 10:50 AM | Session I: Inaugural Session  
Chair: Akihiko OKUDA, MD, PhD. JAPAN  
Welcome Note & Introduction of Keynote Speaker & Session Chair by Organizer Krishnarao APPASANI, PhD, MBA  
*GeneExpression Systems, USA* | Shunsuke ISHII, PhD. RIKEN Tsukuba Institute, Japan  
9:15 – 9:25 AM Welcome Note & Introduction of Keynote Speaker & Session Chair by Organizer Krishnarao APPASANI, PhD, MBA  
*GeneExpression Systems, USA* | Japan  
Akihiko OKUDA, MD, PhD. Saitama Medical University, Japan  
10:00 – 10:25 AM Title: Underlying the molecular bases of cell death phenotype null embryonic stem cells | **Title:** Inheritance of stress-induced epigenome changes  
**Keynote Lecture by:** Hideyuki OKANO, MD, PhD. Keio University School of Medicine, Japan  
**Chair:** Mari DEZAWA, MD, PhD. JAPAN  
**25 Minutes AM Break - Visit of Exhibits/Posters**                                      |
| 10:25 – 10:50 AM | Keynote Lecture by: Shunsuke ISHII, PhD. RIKEN Tsukuba Institute, Japan  
9:10 – 9:45 AM Keynote Lecture by: Hideyuki OKANO, MD, PhD. Keio University School of Medicine, Japan  
**25 Minutes AM Break - Visit of Exhibits/Posters** | Mari DEZAWA, MD, PhD. Tohoku University Graduate School of Medicine, Japan  
11:15 – 12:35 PM Title: Discovery of intrinsic pluripotent stem cells, Muse cells, that resides in adult human mesenchymal tissues | Japan  
11:15 – 12:35 PM Title: Artificial induction of germ cell specific gene silencing through piRNA pathway | **Title:** Understanding RNA language for the future nucleic acid medicine  
**Keynote Lecture by:** Hiroshi SUZUKI, MD. Plenary Speaker University of Tokyo Graduate School of Medicine, Japan  
**Chair:** Mari DEZAWA, MD, PhD. JAPAN  
**25 Minutes AM Break - Visit of Exhibits/Posters**                                      |
| 11:15 – 12:35 PM | **Session II: Biogenesis of Small/Micro RNAs**  
Chair: Li ZENG, PhD. SINGAPORE  
Toru NAKANO, MD, PhD. Osaka University School of Medicine, JAPAN  
Kuniaki SAITO, PhD. Keio University School of Medicine, Japan  
Li ZENG, PhD. National Neuroscience Institute, Singapore  
Stefano GUSTINCICH, PhD.  
TranSINE Technologies Co. Ltd.- Japan & International School for Advanced Studies, Italy  
Yu FUJITA, MD. National Cancer Center Research Institute & Jikei University, Japan  
Stefano GUSTINCICH, PhD.  
TranSINE Technologies Co. Ltd.- Japan & International School for Advanced Studies, Italy  
**11:55 – 12:10 PM** **SHORT Presentation**  
**12:00 – 12:25 PM** **SHORT Presentation**  
**12:35 – 1:30 PM** **Lunch Break 55 minutes (Lunch Provided)**  
**12:25 – 1:45 PM** Lunch Break 1 hour and 20 min (ON YOUR OWN) | Hiroshi SUZUKI, MD. Plenary Speaker University of Tokyo Graduate School of Medicine, Japan  
11:45 – 12:00 PM Title: Understanding RNA language for the future nucleic acid medicine | **Chair:** Hiroshi SUZUKI, MD. JAPAN  
**25 Minutes AM Break - Visit of Exhibits/Posters**                                      |
| 10:50 – 11:15 AM | 25 Minutes AM Break - Visit of Exhibits/Posters                                              |                                                                                                  |                           |                                                                                           |
| 11:15 – 12:35 PM | Session VI: RNAi, MicroRNAs-mediated Gene regulation  
Chair: Hiroshi SUZUKI, MD. JAPAN  
Stefano GUSTINCICH, PhD.  
TranSINE Technologies Co. Ltd.- Japan & International School for Advanced Studies, Italy  
**11:55 – 12:10 PM** **SHORT Presentation**  
**12:00 – 12:25 PM** **SHORT Presentation**  
**12:35 – 1:30 PM** **Lunch Break 55 minutes (Lunch Provided)**  
**12:25 – 1:45 PM** Lunch Break 1 hour and 20 min (ON YOUR OWN) | Ryuichi ONO, PhD. Tokyo Medical & Dental University, Japan  
**11:30 – 11:55 PM** **SHORT Presentation**  
**12:10 – 12:25 PM** **SHORT Presentation** | Japan  
11:30 – 11:55 PM Title: A novel microRNA-mediated regulation of lung cancer stem cells | **Title:** Evolution of mammalian viviparity by retrotransposon-derived imprinted genes  
**25 Minutes AM Break - Visit of Exhibits/Posters**                                      |
| 12:35 – 1:30 PM | Lunch Break 55 minutes (Lunch Provided)                                                      |                                                                                                  |                           |                                                                                           |

### NOVEMBER 26, Tuesday

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<tr>
<th>Time</th>
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| 9:00 – 10:35 AM | Session V: Stem Cell Biology & Reprogramming  
Chair: Mari DEZAWA, MD, PhD. JAPAN  
Introduction of Keynote Speaker & Session Chair by Organizer Krishnarao APPASANI, PhD, MBA  
*GeneExpression Systems, USA* | Ryuichi ONO, PhD. Tokyo Medical & Dental University, Japan  
**10:10 – 10:35 AM** **SHORT Presentation**  
**10:35 – 12:00 AM** **Lunch Break 1 hour and 20 min (ON YOUR OWN)** | Japan  
10:10 – 10:35 AM Title: Noncoding RNAs & RNAi-directed heterochromatin formation | **Title:** Post-transcriptional regulation of stem cell properties  
**Keynote Lecture by:** Hiroshi SUZUKI, MD. Plenary Speaker University of Tokyo Graduate School of Medicine, Japan  
**Chair:** Mari DEZAWA, MD, PhD. JAPAN  
**25 Minutes AM Break - Visit of Exhibits/Posters**                                      |
| 10:35 – 12:00 AM | Lunch Break 1 hour and 20 min (ON YOUR OWN)                                                |                                                                                                  |                           |                                                                                           |

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**Note:** The agenda is subject to change. Please check the official website for the latest updates.
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<tr>
<th>Time</th>
<th>Session III: Induced Pluripotency &amp; RNA-mediated Gene Regulation</th>
<th>Session VII: Nucleic Acid-based Biomarkers &amp; Therapeutics</th>
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| 1:30 – 2:00 PM | Kumiko SAEKI, MD, PhD. Plenary Speaker National Center for Global Health and Medicine, Japan  
Title: Human ES/iPS-derived cells provide a breakthrough technology by creating innovative cell models for biomedical applications | Nagy HABIB, MB Ch., PhD., FRCS. Plenary Speaker Imperial College London, United Kingdom  
Qatar Biomedical Research Institute, Qatar Foundation, Qatar  
Title: Differentiation of CD34+ cells Using Small Activating RNA Targeting the Islet β-cell Transcriptional Factor MatA |
| 2:00 – 2:25 PM | Lei SUN, PhD. Duke-NUS Graduate Medical School, Singapore  
Title: Long non-coding RNA in adipocyte development | Satoshi KONDOU, PhD. Toray Industries, Inc., Japan  
Title: Blood miRNA as a cancer biomarker |
| 2:25 – 2:50 PM | Yangming WANG, PhD. Peking University, PR. China  
Title: MicroRNA regulation of cell cycle and self-renewal in embryonic stem cells | Chanil CHANG, PhD. BMT Inc. Seoul, Korea  
Title: Anti-Scar therapies development using cell-penetrating asymmetric RNAi triggers |
| 2:50 – 3:15 PM | Hodaka FUJII, MD, PhD. Res. Inst. for Microbial Diseases, Osaka University, Japan  
Title: Locus-specific biochemical analysis of genome functions by iChIP and enChIP | Matthias SCHEFFLER, PhD. Comprehensive Biomarker Center, Heidelberg, Germany  
Title: MicroRNA biomarkers for use in non-invasive diagnosis of diseases |
| 3:15 – 3:40 PM | Hironori WAKI, MD, PhD. The University of Tokyo, Japan  
Title: Genome-wide profiling of brown fat-specific open regulatory regions identifies NFIA as a transcriptional regulator of brown fat–muscle cell lineage specification | |
| 3:40 – 4:15 PM | PM Break 35 min - Visit of Exhibits/Posters | PM Break 30 min - Visit of Exhibits/Posters: Close at 4.00 PM |
| 4:15 – 6:30 PM | Session IV: Disease Biology of Small RNAs  
Chair: Matthew HSU, PhD. USA | Session VIII: Stem Cell Therapy & Applications  
Chair: Noemi FUSAKI, PhD. JAPAN |
| 4:15 – 4:45 PM | Matthew HSU, PhD. Plenary Speaker Merck Millipore, USA  
Title: miRNA profiling of cancer cells using SmartFlare™, a novel live-cell RNA detection technology | Kenzaburo TANI, MD, PhD. Plenary Speaker Kyushu University & Hospital, Japan  
Title: MicroRNA-targeted coxsackievirus B3 infection markedly reduces cardiotoxicity without losing its original oncolytic activity |
| 4:45 – 5:10 PM | Takashi SONOKI, MD, PhD. Wakayama Medical University, Japan  
Title: MiR125 is an oncomir in both myeloid or lymphoid tumors as shown mouse models | Takanori TAKEBE, MD. Yokohama City University School of Medical Science, Japan  
Title: Vascularized and functional human liver from an iPSC-derived organ bud transplant |
| 5:10 – 5:35 PM | Hidetoshi TAHARA, PhD. Hiroshima University, Japan  
Title: Therapeutic role of microRNAs in cancer and cellular senescence | Makoto INAKI, PhD. National Research Institute for Child Health & Development, Japan  
Title: Primary human B lymphocyte-derived iPS cells, their generation and application |
| 5:35 – 6:00 PM | Piero CARNINCI, PhD. RIKEN CLST, Yokohama, Japan  
Title: Identification of novel long-non-coding RNAs that are important for maintenance of iPS | Noemi FUSAKI, PhD. Keio University School of Medicine & JST PRESTO, Japan  
Title: Efficient generation of integration-free patient-specific pluripotent stem cells and drug screening |
| 6:00 – 6:25 PM | Yasuo OUCHI, PhD. Chubu University, Japan  
Title: The emerging role of microRNA biogenesis in adult neurogenesis and schizophrenia | |

6:30 PM End of 1st day session  
6:00 PM End of Conference CLOSING REMARKS