

2016 AMMRA & AMPC Meeting Program

May 20th Friday

15:00 – 15:10	Opening remark: Dr. Yuichi Obata (Director of RIKEN BRC)
15:10 – 18:00	Topic I: The Recent Advancement and Impact of CRISPR/Cas9 Technology in Mouse Mutagenesis and Resources Chairs: Dr. Xiang Gao and Dr. Atsushi Yoshiki
15:10 – 15:40	Dr. Masahito Ikawa (Osaka University, Japan) “CRISPR/Cas9 mediated genome editing and its application for the study of reproduction”
15:40 – 16:05	Dr. Han-Woong Lee (Yonsei University, Korea) “Progress in CRISPR/Cas9-mediated mouse genome engineering in Korea”
16:05 – 16:30	Dr. Cunxiang Ju (Nanjing University, China) “Tricks for CRISPR/Cas9 application”
16:30 – 16:45	Coffee Break
16:45 – 17:10	Dr. Jack Shih-Chieh Tsai (NLAC, Taiwan) “Our experience in GM rodent production with CRISPR/Cas9”
17:10 – 17:35	Dr. Gaétan Burgio (ANU, Australia) “Rapid generation of CRISPR/Cas9 mice for personalized medicine”
17:35 – 18:00	Dr. Yoichi Gondo (RIKEN BRC, Japan) “Another concern of genome editing: protein expression from the targeted frameshift alleles by CRISPR/Cas9 system”
18:30 – 20:00	Dinner Banquet 7F: Kongo
20:00 – 21:00	<p>Poster Session</p> <p>Dr. Ayumi Mukunoki (Kumamoto University, Japan) “Efficient animal production using oocyte cryopreservation derived from ultra-superovulation technique in mice”</p> <p>Dr. Riki Furuhata (Kumamoto University, Japan) “Correlated expression of the LincRNA-p21 and the Trp53 in LincRNA-p21 gene trap mouse line”</p> <p>Dr. Mai Nakahara (Kumamoto University, Japan) “Gene-trap mutagenesis is useful for analysis of long intergenic non-coding RNA genes in vivo”</p> <p>Dr. Michihiko Sugimoto (Kumamoto University, Japan) “A simple and robust method for establishing homogeneous mouse epiblast stem cell lines by Wnt inhibition”</p> <p>Dr. Hidetaka Yoshimoto (Kumamoto University, Japan) “Effect of cholesterol efflux from plasma membrane on the fertility of cold-stored mouse sperm”</p> <p>Dr. Shinya Ayabe (RIKEN BRC, Japan) “Knockout mouse production using Cas9 for broad-based phenotyping”</p>

May 21st Saturday

8:30 – 10:10	Topic II: Scientific Session Chairs: Dr. Leo Chi-Kuang Wang and Dr. Michael Dobbie
8:30 – 8:50	Dr. Xiaohui Wu (Fudan University, China) “The regulation of energy balance and glucose homeostasis”
8:50 – 9:10	Dr. Dae-Yeul Yu (KRIBB, Korea) “Functional studies of peroxiredoxin II in mice”
9:10 – 9:30	Dr. Hiroshi Masuya (RIKEN BRC, Japan) “Data integration of phenotype data of disease model animals using Resource Description Framework”
9:30 – 9:50	Dr. Toru Takeo (Kumamoto University, Japan) “Application of inhibin antiserum for superovulation in mice”
9:50 – 10:10	Dr. Chih-Cheng Chen (Taiwan Mouse Clinic, Taiwan) “Unexpected sensory phenotypes in mice lacking proton-sensing receptors”
10:10 – 10:30	Coffee Break
10:30 – 11:00	Topic III: Large-scale project Chair: Dr. Shigeharu Wakana
	Dr. Mark Moore (IMPC, USA) “International Mouse Phenotyping Consortium: Results of large scale phenotyping in disease models and data reliability”
11:00 – 12:30	Topic IV: Progress Report from AMPC/AMMRA Chair: Dr. Je Kyung Seong
Each center have 10 min.	RIKEN BRC, CARD KRIBB, SNU MARC, IDM, NLAC, TMC APN
12:30 – 13:00	Closing remark: Dr. Hyung-Chin Kim (KRIBB, The next president)