

# SRD-NILGS

## The 2<sup>nd</sup> Japan-Korea-China Joint Symposium

Theme: “Current and Future Technologies for Animal Reproduction”

Location: University of Tsukuba, University Hall

Date and time: September 5 (Wed), 2012; 12:30–18:00

### Program

Opening Remarks	12:30–13:00
Chair: Noboru MANABE and Junyou LI	
Kei-ichiro MAEDA (President, The Society for Reproduction and Development)	
Dong-II JIN (President, The Korean Society of Animal Reproduction)	
Shi-En ZHU (Chairperson, Reproduction Branch of Chinese Association of Animal Science and Veterinary Medicine)	
Session 1. Efficient Offspring Production	13:00–14:00
Chair: Hiroko TSUKAMURA and Deshun SHI	
JKC-1	Toshihiko NAKAO <sup>1,2</sup> and Martina HOEDEMAKER <sup>1</sup> ( <sup>1</sup> University of Veterinary Medicine Hannover, Germany; <sup>2</sup> Alexander von Humboldt Foundation Alumni Research Fellow from Japan) Monitoring Metabolic Health of Transition Cows: The Keys to Improve Reproductive Performance in Dairy Cattle
JKC-2	Liguo YANG, Aixin LIANG, Li HAN, Guohua HUA and Shujun ZHANG (Key Laboratory of Agricultural Animal Genetics, Breeding and Reproduction of Ministry of Education, College of Animal Science and Technology, Huazhong Agricultural University, Wuhan, China) The Research Progress of Hormone Genetic Immunization Techniques Improving Growth and Reproduction in Animals
Session 2. <i>In Vitro</i> Embryo Production, Transgenesis and the Related Studies	14:00–16:20
Chair: Nam-Hyung KIM and Eimei SATO	
JKC-3	Satoko MATOBA <sup>1,2,#</sup> , Trudee FAIR <sup>2</sup> and Patrick LONERGAN <sup>2</sup> ( <sup>1</sup> Reproductive Biology and Technology Division, National Livestock Breeding Center, Japan; <sup>2</sup> School of Agriculture and Food Science, University College Dublin, Ireland; <sup>#</sup> Present address, Animal Breeding and Reproduction Research Division, NARO Institute of Livestock and Grassland Science, Japan) Culture of Bovine Oocytes in an Individually Identifiable Manner and Its Applications
JKC-4	Yubyeol JEON, Seong-Sung KWAK, Seung-A JEONG, Eui Bae JEUNG and Sang-Hwan HYUN* (*Presenting author; Laboratory of Veterinary Embryology and Biotechnology (VETEMBIO), Collage of Veterinary Medicine, Chungbuk National University, Cheongju, Korea) Production of Transgenic Pigs for the Translational Research

Coffee Break	15:00–15:20
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Chair: **Li-guo YANG** and **Teoan KIM**

**JKC-5** **Seongsoo HWANG, Keon Bong OH, Dae-Jin KWON, Sun A OCK, Gi-Sun IM, Sung Soo LEE and Jin-Ki PARK** (Animal Biotechnology Division, National Institute of Animal Science, Rural Development Administration, Korea) Productions of Transgenic Pigs for Xenotransplantation in Korea

**JKC-6** **Xu ZHOU** (College of Animal Science and Veterinary Medicine, Jilin University, Changchun, China) Roles of Neurotrophins in Mammalian Reproduction

<b>Session 3. Future Possibility of Cloning and Stem Cells</b>	16:20–17:50
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Chair: **Yuji HIRAO, Gyu-Jin RHO** and **Xu ZHOU**

**JKC-7** **Hiroshi KAGAMI** (Faculty of Agriculture, Shinshu University, Nagano, Japan) Future Possibility and Current Status of Animal Stem Cell Technology

**JKC-8** **Chang-Kyu LEE, Jin-Kyu PARK, Gwang-Hwan CHOI and Dong-Chan SON** (Department of Agricultural Biotechnology, Animal Biotechnology Major, and Research Institute for Agriculture and Life Science, Seoul National University, Seoul, Korea) New Paradigm and Standard for Pluripotent Stem Cells in Domestic Animals

**JKC-9** **Deshun SHI, Yanfei DENG, Qingyou LIU and Jianrong JIANG** (Faculty of Animal Science and Technology, Guangxi University, Nanning, China) Generation of Buffalo Induced Pluripotent Stem cells

<b>Closing Remarks</b>	17:50–18:00
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Chair: **Kazuhiro KIKUCHI**

**Takashi NAGAI** (Chair, The 105<sup>th</sup> SRD Annual Meeting).