



The 3rd Korea-China-Japan Joint Symposium on Animal Reproduction

Theme: **Current Status of Animal Reproduction Research in Korea-China-Japan**

Venue: **Jeju National University International Center (Bldg. 702), Jeju, Korea**

Date: **July 4(Fri)-5(Sat), 2014**

Program for July 4 (Fri)

Registration	09:00-10:00
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Opening Remarks	10:00-10:30
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Chair: Chang-Kyu LEE

Nam-Hyung KIM (President, Korean Society of Animal Reproduction)

Shi-En ZHU (Chairperson, Reproduction Branch of Chinese Association of Animal Science and Veterinary Medicine)

Kei-ichiro MAEDA (President, Society for Reproduction and Development)

Session 1. Molecules in Reproduction	10:30-12:00
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Chair: Hoon-Taek LEE and Xu ZHOU

KCJ-1 Inchul CHOI (Chungnam National University, Korea)

Biological function of transcription activator protein 2 gamma and its roles in preimplantational embryo development

KCJ-2 Xianyin ZENG (Sichuan Agricultural University, China)

The molecular mechanisms underlying active immunization against GnRH (immuno-castration): using rat as a model

KCJ-3 Koji SUGIURA (Tokyo University, Japan)

Role of oocyte-derived paracrine factors in follicular development in mice

Lunch Break	12:00-13:30
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Session 2. Gametes, Embryos & Animals in Reproduction	13:30-15:00
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Chair: Jianyong HAN and Kazuhiro KIKUCHI

KCJ-4 Xu ZHOU (Jilin University, China)

Potential roles of neurotrophins in mammalian reproduction

KCJ-5 Yumi HOSHINO (Tohoku University, Japan)

The molecules active during spindle formation responsible for oocyte quality

KCJ-6 Hakhyun KA (Yonsei University, Korea)

The implantation process for the establishment of pregnancy in pigs



Poster Session I & Coffee Break

15:00–16:00

Session 3. Cells in Reproduction

16:00–17:30

Chair: **Takashi (TAKU) NAGAI** and **Jeong-Mook LIM**

KCJ-7 Arata HONDA (Miyazaki University, Japan)

The order of differentiation capacity in rabbit pluripotent stem cells is maintained even after naive-like conversion

KCJ-8 Dong Wook HAN (Konkuk University, Korea)

Direct lineage conversion by defined factors

KCJ-9 Jianyong HAN (China Agricultural University, China)

Progress, problems and prospects of porcine pluripotent stem cells

Banquet

18:00–20:00

Program for July 5 (Sat)

Poster Session II & Refreshments

9:00–11:00

Panel Discussion

11:00-12:00

Chair: **Nam-Hyung, KIM** (KSAR President),

Panel Theme: The future of animal reproduction research in Korea-China-Japan

Korean Society: Dr. Nam-Hyung, Kim (President), Dr. Chang-Kyu Lee, Dr. Hyuk, Song.

China Society: Dr. Zhu Shi-En (President), Dr. Sun Qing-Yuan, Dr. Fu Xiangwei

Japan Society: Dr. Kei-ichiro Maeda (President), Dr. Kazuhiro Kikuchi, Dr. Naomi Kashiwazaki