

JSPS Japan-Poland Joint Seminar

Cutting-edge Reproductive Physiology – from Gamete to Baby –

Date: September 13–15, 2011

Place: Room 1 (AIINA hall)

Tuesday, 13

Opening Remark for Japan-Poland Joint Seminar

13:00–13:25 Kiyoshi OKUDA (Okayama University)

Session 1

Chairpersons: Noboru MANABE (The University of Tokyo)
Kazuhiro KIKUCHI (National Institute of Agrobiological Sciences)

13:25–13:45 Masayuki SHIMADA (Hiroshima University)
JP1-1 Cumulus Cells Play an Important Role to Induce Meiotic Resumption and Progression of Oocyte

13:45–14:05 Wojciech NIŻAŃSKI (Wroclaw University of Environmental and Life Sciences)
JP1-2 Susceptibility of Particular Sperm Cell Features to Damages of Long Term-storage of Liquid Semen in Normospermic Boars

14:05–14:25 Yuji HIRAO (Tohoku Agricultural Research Center)
JP1-3 Isolation of Ovarian Components Essential for Oocyte Growth *In Vitro*

14:25–14:45 Michal H. WRÓBEL (Institute of Animal Reproduction and Food Research of Polish Academy of Sciences)
JP1-4 Impairments of Reproductive Tract Function in Cows Under Influence of Environmental Pollutants

14:45–15:05 Ken SAWAI (Iwate University)
JP1-5 Regulation Mechanisms of Gene Expression in Bovine Embryos Derived from Somatic Cell Nuclear Transfer

15:05–15:25 Zofia E. MADEJA (Poznan University of Life Sciences)
JP1-6 Searching for Optimal Conditions and Time Point for the Derivation of Bovine Embryonic Stem Cells (bESC): Pluripotency Markers Gene Expression

Wednesday, 14

Session 2

- Chairpersons: Akio MIYAMOTO (Obihiro University of Agriculture and Veterinary Medicine)
Hiroko TSUKAMURA (Nagoya University)
- 9:00–9:20 Yoshihisa UENOYAMA (Nagoya University)
JP2-1 Kisspeptin: A Key Molecule Controlling the Activity of the Hypothalamo-Pituitary-Gonadal Axis
- 9:20–9:40 Dorota A. ZIEBA (Agricultural University in Krakow)
JP2-2 Neuroendocrine Regulation of Seasonality in Sheep
- 9:40–10:00 Komei SHIRASUNA (Obihiro University of Agriculture and Veterinary Medicine)
JP2-3 The Corpus Luteum Development Regulated by Angiogenic Factors and Polymorphonuclear Neutrophils in the Cow
- 10:00–10:20 Nina M. SMOLINSKA (University of Warmia and Mazury in Olsztyn)
JP2-4 Regulation of Corpus Luteum Function by Factors Associated with Control of Energy Homeostasis
- 10:20–10:35 Tea Break

Session 3

- Chairpersons: Kiyoshi OKUDA (Okayama University)
Toru Takahashi (National Institute of Agrobiological Sciences)
- 10:35–10:55 Toshihiro SAKURAI (The University of Tokyo)
JP3-1 Establishment of *In Vitro* Assessment System for Conceptus Attachment to the Uterine Epithelial Cells
- 10:55–11:15 Agnieszka BLITEK (Institute of Animal Reproduction and Food Research of Polish Academy of Sciences)
JP3-2 The Role of HOXA10 as a Marker of Endometrial Receptivity
- 11:15–11:35 Hiroki HIRAYAMA (Animal Research Center, Hokkaido Research Organization)
JP3-3 Plasma Estrogen Concentration and Placental Regulation of Estrogen Activity at Parturition in Cows Carrying a Somatic Clone Fetus
- 11:35–11:55 Dorota DARMOCHWAL-KOLARZ (Medical University of Lublin)
JP3-4 The Role of Immunological Disturbances in the Pathogenesis of Pre-eclampsia

Thursday, 15

Closing Remark for Japan-Poland Joint Seminar

- 17:20–17:35 Dariusz J. SKARZYNSKI (Institute of Animal Reproduction and Food Research of Polish Academy of Sciences)