

Cutting-Edge Reproductive Technologies and Perspectives for their Usage in Swine

Taiwan Livestock Research Institute, Tainan, Taiwan ROC
June 05, 2014

Program

NARO's Satellite Symposium: Thursday, 05 June 2014	
Time	Activity
8:30-9:00	Registration
Opening	
9:00-9:20	<p style="text-align: right;">Mr. Ronald Mangubat (Master of Ceremony) Information Officer of Food and Fertilizer Technology Center</p> <ul style="list-style-type: none">• Welcome remarks by Dr. Yu-Tsai Huang (黃有才 主任) Director, Food and Fertilizer Technology Center• Opening remarks by Dr. Akio Takenaka Director, Division of Animal Sciences, National Institute of Agrobiological Sciences (NIAS), Japan• Brief Video Presentation of FFTC• Group Photo

Session 1: Artificial Insemination	
<p><i>Moderator: Dr. Christopher G. Grupen</i> Animal Reproduction, Faculty of Veterinary Science, University of Sydney, Australia</p> <p><i>Moderator: Dr. Keisuke Edashige</i> Laboratory of Animal Science, College of Agriculture, Kochi University, Japan</p>	
9:20-10:10	<p>Keynote Speech Moderator: Dr. Christopher G. Grupen</p> <p>Current status and perspectives of artificial insemination in pigs</p> <p>by Dr. Heriberto Rodriguez-Martinez Professor, the University of Linköping, Faculty of Health Sciences, Linköping, Sweden</p> <p>Translator/English to Mandarin: Dr. Ming-Che Wu (吳明哲 博士) Breeding and Genetics Division, Taiwan Livestock Research Institute, Taiwan</p>
10:10-10:30	<u>Coffee break & networking</u>
10:30-11:00	<p>Speaker 2 Moderator: Dr. Keisuke Edashige</p> <p>Cryopreservation of boar spermatozoa: The curious functions of seminal plasma during freezing or thawing</p> <p>by Dr. Tetsuji Okazaki Swine and Poultry Team, Livestock Research Division, Oita Prefectural Agriculture, Forestry and Fisheries Research Center, Japan</p>
11:00-11:20	<p>Open Forum</p>

Session 2: Oocyte and Embryo Factory	
<i>Moderator: Dr. Kazuhiro Kikuchi</i> Animal Development and Differentiation Research Unit (Kannondai), Division of Animal Sciences, National Institute of Agrobiological Sciences (NIAS), Japan	
11:20-11:50	Speaker 3 <i>In vitro</i> growing of immature porcine oocytes by Dr. Yuji Hirao Animal Breeding and Reproduction Division, NARO Institute of Livestock and Grassland Science, National Agriculture and Food Research Organization (NARO/NILGS), Japan
11:50-12:20	Speaker 4 Current status of porcine embryo <i>in vitro</i> production by Dr. Christopher G. Grupen Animal Reproduction, Faculty of Veterinary Science, University of Sydney, Australia
12:20-13:00	<u>Lunch break & networking</u>
13:00-13:30	Speaker 5 Cryopreservation of <i>in vitro</i> produced embryos and immature oocytes in pigs by Dr. Tamas Somfai Animal Breeding and Reproduction Division, NARO Institute of Livestock and Grassland Science, National Agriculture and Food Research Organization (NARO/NILGS), Japan
13:30-14:00	Speaker 6 Establishment of practical embryo transfer for fresh or frozen embryos in pigs by Dr. Koji Yoshioka Pathology and Pathophysiology Research Division, National Institute of Animal Health, National Agriculture and Food Research Organization (NARO/NIAH), Japan
14:00-14:30	Open Forum
14:30-14:50	<u>Coffee break & networking</u>

Session 3: Stem Cells	
<i>Moderator: Dr. Teng-Kuei Cheng (鄭登貴 博士)</i> Department of Animal Science and Biotechnology, Tunghai University, Taiwan	
14:50-15:20	<p>Speaker 7 Establishment of ES (embryonic stem) cell like cells in pigs by Dr. Seiki Haraguchi Animal Breeding and Reproduction Division, NARO Institute of Livestock and Grassland Science, National Agriculture and Food Research Organization (NARO/NILGS), Japan</p>
15:20-15:50	<p>Speaker 8 Research and development of porcine embryonic stem cells in Taiwan by Dr. Lih-Ren Chen (陳立人 博士) Division of Physiology, Livestock Research Institute, Taiwan</p>
15:50-16:10	Open Forum
Session 4: Perspective, Usage, and International Cooperation	
<i>Chairman: Dr. Takashi Nagai</i> Food and Fertilizer Technology Center, Taiwan <i>Co-Chairman: Dr. Kazuhiro Kikuchi</i> Division of Animal Sciences, National Institute of Agrobiological Sciences, Japan <i>Co-Chairman: Dr. Ming-Che Wu</i> Breeding and Genetics Division, Taiwan Livestock Research Institute, Taiwan	
16:10-16:40	<p>Speaker 9 Setting up the international projects on porcine bio- and genetic diversity by Dr. Kazuhiro Kikuchi Division of Animal Sciences, National Institute of Agrobiological Sciences (NIAS), Japan</p>
16:40-17:30	<p>Round Table Discussion Reach out Issues A. Cutting-Edge Reproductive Technologies B. Practice of Reproductive Technologies C. Setting up of International Projects</p>