

International Symposium on “Recent Progress in Swine Breeding and Raising Technologies”

Taiwan Livestock Research Institute, Tainan, Taiwan, June 03-04, 2014

Program

Day 1 Symposium: Tuesday, 03 June 2014	
Time	Activity
8:30-9:30	Registration
Opening	
9:30-10:30	<p style="text-align: right;">Mr. Ronald Mangubat (Master of Ceremony) Information Officer, 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. Ing-Haur Hwang (黃英豪 所長) Director General, Taiwan Livestock Research Institute • Inaugural remarks by Dr. Hsiang-Jung Tsai (蔡向榮 所長) Director General, Animal Health Research Institute • Brief Video Presentation of FFTC • Group Photo
10:30-11:00	<u>Coffee break & networking</u>

Day 1 Symposium: Tuesday, 03 June 2014	
Keynote Session <i>Moderator: Dr. Takashi Nagai</i> Food and Fertilizer Technology Center, Taiwan	
11:00-11:40	Keynote Speech Using today's technology for breeding pigs for tomorrow's conditions by Dr. Jan ten Napel Animal Breeding and Genomics Centre, Wageningen UR Livestock Research, the Netherlands
11:40-13:00	<u>Lunch break & networking</u>
Session 1: Molecular Technology for Swine Breeding <i>Moderator: Dr. Jan ten Napel</i> Animal Breeding and Genomics Centre, Wageningen UR Livestock Research, the Netherlands	
13:00-13:30	Speaker 2 Development of marbling pork with marker-assisted selection by Dr. Satoshi Mikawa Animal Genome Research Unit, National Institute of Agrobiological Sciences (NIAES), Japan
13:30-14:00	Speaker 3 SNP and protein markers for embryo development at early stage identified from functional genomics in Landrace by Dr. En-Chung Lin (林恩仲 博士) Department of Animal Science and Technology, National Taiwan University (NTU), Taiwan
14:00-14:30	Speaker 4 Networking system for marker-assisted selection in pigs by Dr. Ming-Che Wu (吳明哲 博士) Breeding and Genetics Division, Taiwan Livestock Research Institute, Taiwan
14:30-15:00	Open Forum
15:00-15:30	<u>Coffee break & networking</u>

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**Session 2:
Swine Feed and Nutrition**

Moderator: Dr. Masaya Katsumata

Department of Veterinary Medicine, Azabu University, Sagamihara,
NARO Institute of Livestock and Grassland Science (NILGS), Japan

15:30-16:00	Speaker 5 Lysine and metabolizable energy requirement for prolific lactating sow by Dr. Chung-Wen Liao (廖宗文博士) Nutrition Division, Taiwan Livestock Research Institute, Taiwan
16:00-16:30	Speaker 6 Production of recombinant pepsin, pancreatic lipase and colipase from <i>Pichia pastoris</i> as feed additive by Dr. Fang-Chueh Liu (劉芳爵 博士) Nutrition Division, Taiwan Livestock Research Institute, Taiwan
16:30-17:00	Speaker 7 Advanced dietary system without antibiotics in Korea's swine industry by Dr. In-Ho Kim Department of Animal Resource & Science, Dankook University, Korea
17:00-17:30	Open Forum

Day 2 Symposium: Wednesday, 04 June 2014

**Session 3:
Swine Health Management**

Moderator: Dr. Noboru Manabe
Animal Resource Center, The University of Tokyo, Japan

8:30-9:00	Speaker 8 Managing pig health by biosecurity practice by Dr. Yeou-Liang Lin (林有良 博士) Division of Epidemiology Research, Animal Health Research Institute, Council of Agriculture, Taiwan
9:00-9:30	Speaker 9 Recent Progress in Swine Breeding and Raising Technologies by Dr. John Carr (卡約翰 博士) Agriculture Technology Research Institute, Taiwan
9:30-10:00	Speaker 10 Pathological diagnosis on major pig diseases in Taiwan by Dr. Shu-Hwae Lee (李淑慧 博士) Animal Drugs Inspection Branch, Animal Health Research Institute, Council of Agriculture, Taiwan
10:00-10:30	Open Forum
10:30-11:00	<u>Coffee break & networking</u>

Day 2 Symposium: Wednesday, 04 June 2014

**Session 4:
Pork Quality and Meat Processing**

Moderator: Dr. Deng-Cheng Liu (劉登城 博士)
Department of Animal Science, National Chung Hsing University, Taiwan

11:00-11:30	Speaker 11 Promotion of intramuscular fat accumulation in porcine muscle by nutritional regulation by Dr. Masaya Katsumata Department of Veterinary Medicine, Azabu University, NARO Institute of Livestock and Grassland Science, Japan
11:30-12:00	Speaker 12 Hog slaughter and pork quality evaluation by Dr. Wen-Shien Chen (陳文賢 博士) Animal Product Processing Division, Taiwan Livestock Research Institute, Taiwan
12:00-13:30	<u>Lunch break & networking</u>
13:30-14:00	Speaker 13 Traceability on pork in Japan by Dr. Tadashi Shiota Japan Association for International Racing and Studbook, Japan
14:00-14:30	Open Forum

Day 2 Symposium: Wednesday, 04 June 2014

**Country Report
(Malaysia, Philippines, Thailand, Vietnam)**

Moderator: Mr. Ronald Mangubat
Information Officer of Food and Fertilizer Technology Center

14:30-15:00	Speaker 1 Pig production in Thailand by Dr. Wichai Tantasuparuk Department of Obstetrics Gynaecology and Reproduction, Faculty of Veterinary Science, Chulalongkorn University, Thailand
15:00-15:30	<u>Coffee break & networking</u>
15:30-16:00	Speaker 2 Pig production and marketing in Vietnam by Dr. Nguyen Manh Dung Scientific Planning and International Cooperation Department, National Institute of Animal Sciences (NIAS), Vietnam
16:00-16:30	Speaker 3 Swine breeding and production in Malaysia by Dr. Mektir Singh A/L Gardir Singh Pig Section, Livestock Commodity Development Division, Department of Veterinary Services, Ministry of Agriculture and Agro Based Industry, Malaysia
16:30- 17:00	Speaker 4 A dynamic Philippine swine industry: Key to meeting challenges and technological innovations by Dr. Antonio J. Barroga Central Luzon State University, Philippines
17:00-17:30	Speaker 5 Pig production in Indonesia by Dr. Ir. Pollung H. Siagian, MS Department of Animal Production and Technology, Faculty of Animal Science, Bogor Agricultural University, Indonesia
17:30-17:50	Introduction of pig breeding auction by Dr. Ming-Che Wu (吳明哲 博士) Breeding and Genetics Division, Taiwan Livestock Research Institute, Taiwan