



**KPPA Taiwan Mission: Understanding the application of genomic selection in swine breeding industry**

Proposed Date of Travel: 10-13 January 2015

Participants:

1. Mr. Seonhyun Jeong, Senior Managing Director, Korea Pork Producers Association
2. Mr. Sung-hyun Choi, Managing Director, Korea Pork Producers Association
3. Mr. Suh Ok-Suk, PhD., Director, National Agency for Breeding Stock Improvement (NABI)
4. Mr. Soonhong Kwon, Administrative Manager, NABI
5. Mr. Kang-seok Seo, PhD., Professor, Suncheon National University
6. Mr. Sung hoon Kim, PhD., CEO, Pig Gene Korea Inc., and Good Farmers
7. Mr. Seung-chan No, CEO, DongaGnE (Breeding pigs and Animal Equipment)
8. Mr. Young hwa Ham, CEO, Ham Consulting
9. Mr. Kyoung taek Lee, CEO, Agrostar
10. Mr. Seongwon Lee, DVM., Key Account Manager, Beohringer-Ingelheim Vetmedica Korea Ltd.

Proposed Itinerary

Date	Activity
<b>10 January (Sa)</b>	Group members with <b>Korea Pork Producers Association (KPPA)</b> Travel to Taiwan (arrival)
<b>11 January (Su)</b>	11:30~12:30 Meeting with swine industry groups to discuss implementation of swine genetic evaluation program by the industry. (Chair: Dr. Ming-Che Wu 吳明哲)  12:30~13:30 Observation of evaluation and <b>auction</b> of breeding gilts and boars of Formosan Farmers Association for Swine Improvement (The New-Year auction activity is displayed at Taiwan Livestock Research Institute) (Introducer: Mr. Yung-Yu Lai 賴永裕 & Dr. Der-Yuh Lin 林德育)  14:30~16:00 Briefing of ISO Certified Boar Semen Station of SP Breeding Farm (pathogen-free semen supply) (Introducer: Ms. Chun-Ni Hsiao 蕭君倪, DVM)
<b>12 January (M)</b>	09:30~10:00 Briefing of TLRI and courtesy call to Director General Ing-Haur Hwang 黃英豪 and concerned Officials (Dr. Yu-Shin Cheng 鄭裕信, Dr. Chih-Hua Wang 王治華, & Dr. Tien-Fwu Chen 陳添福)  10:00~15:00 Seminar of “ <b>Empowering Technology for Pork Industry – Korea and Taiwan</b> ” <ul style="list-style-type: none"> <li>● Korea Pig Breeding Industry: <b>Needs &amp; RDE</b> <ol style="list-style-type: none"> <li>1. Korean Pork industry/ Mr. Sunghyun Choi, KPPA (Translator: Ms. Hsiu-Lien Lin 林秀蓮)</li> <li>2. Supply of Pig Breeding Stocks/ Dr. Sunghoon Kim, Pig Gene Korea (Translator: Dr. Heng-Ful Lee 李恒夫)</li> <li>3. Research and Extension of Genomic Selection/ Prof. Kangseok Seo, Sunchon National University (Translator: Dr. Ren-Bao Liaw 廖仁寶)</li> </ol> </li> <li>● Taiwan Pig Breeding Industry: <b>Quality &amp; Challenges</b> <ol style="list-style-type: none"> <li>1. Sperm Chromosome Breakage Screening/ Mr. Tingyung Kuo 郭廷雍, TLRI</li> <li>2. Hoof Evaluation of Boar and Gilt/ Dr. Neimtsu Yen 顏念慈, TLRI</li> <li>3. Meat Quality Genes/ Prof. Hsiuluan Chang 張秀鑾, NPUST</li> <li>4. Vision of Breeding System/ Prof. Yungyi Sung 宋永義, NTU</li> <li>5. Laboratory Pig Breeds/ Station Director Hsienpin Chu 朱賢斌, TLRI</li> <li>6. Bio-safety for Pig Stocks/ Branch Director. Shuhwae Lee 李淑慧, AHRI</li> </ol> </li> </ul> <p>Discussion issues:</p> <ol style="list-style-type: none"> <li>1. Laboratory methods of bio-safety analysis and application of genetic information in breed selection</li> <li>2. Utilization of genetic information in breeding and selection programs of private farms.</li> <li>3. Government programs and support to promote application of molecular techniques in swine selection and breeding by private farms.</li> </ol>
<b>13 January (Tu)</b>	Travel back to Korea and/or to Cambodia (departure)

by Mr. Ming-Che Wu, PhD., Chief of Genetics & Breeding, Taiwan Livestock Research Institute ([www.angrin.tlri.gov.tw](http://www.angrin.tlri.gov.tw))