‘Science, trials & application’

24 April 2017 (Monday)
1800 Welcome gathering, Poolside, on 2nd floor, New World Saigon Hotel
76 Le Lai Street, District 1, Ho Chi Minh City, Vietnam

25 April 2017 (Tuesday)
Ben Thanh Hall, 1st floor, New World Saigon Hotel
76 Le Lai Street, District 1, Ho Chi Minh City, Vietnam
0800 Registration opens, coffee available
0900 Introduction
David Faulkner, Program Director, 2017 Pig Feed Quality Conference

FEEDING FOR HEAVIER BODYWEIGHTS WITHOUT SACRIFICING CARCASS QUALITY

0910
Precision feeding – unlocking the genetic potential of the pig
Dr Bruno Silva, Professor in Swine Nutrition and Production, Univeridade Federal de Minas Gerais, Brazil
Dr Silva has degrees from the Universidade Federal de Vicosa, Brazil and Institut National de la Recherche Agronomique, France. He has commercial experience as a researcher and global swine nutritionist, before joining Universidade Federal de Minas Gerais Brazil in 2012. He continues to consult to several multinational companies in the field of swine nutrition. Dr Silva has several publications and international conferences for nutritional requirements and environmental adaptation of pigs in tropical regions.

0940
Optimising carcass weight in pigs without compromising carcass quality
Tony Edwards, Pig Nutrition and Production Consultant, ACE Livestock Consulting, Australia
Tony Edwards is an animal nutritionist based in Australia. He established his own consulting business, ACE Livestock Consulting Pty Ltd, in 1994. He currently services a wide client base across a broad spectrum of livestock species, but with a particular emphasis on pigs consulting to one third of the Australian pig industry, and with clients in New Zealand and Asia, providing feed formulation, technical support, presenting seminars and training workshops. Mr Edwards is also a partner of Becan Consulting Pty Ltd, a team of experienced professionals including Dr Robert van Barneveld and Professor Mingan Choct.

1020 Coffee break

1050
Feeding to maximise carcass weight and quality
David Henman, Manager Research & Innovation, Rivalea, Australia
Mr Henman has extensive practical experience having worked as a nutritionist at Rivalea (formerly QAF and Bunge Meat Industries) a vertically integrated pig enterprise of 45,000 sows, since 1991. He is responsible for the nutrition research program, conducting over 50 experiments per year. This research work centres on defining nutritional requirements for the growing and breeding pig, in particular energy metabolism as well as amino acid utilisation product evaluation for external companies.

1120
Using NSP-enzymes to enhance growth performance and uphold carcass quality
Dr Alex Wu, Regional Technical Manager, Asia Pacific, Adisseo Asia Pacific, Singapore
Dr Wu obtained his Bachelor in Animal Sciences and Masters in Poultry Nutrition from Nanjing Agricultural University, China, and a PhD from the University of New England, Australia. He has conducted several studies on NSPase and phytase and measured their effect on net energy in broilers.
Improving fattening pig performance – field experience from Vietnam
Dr Tran Si-Trung, Technical Service Regional Manager, Asia, Olmix
Dr Tran obtained a DVM degree from the University of Agriculture and Forestry in Ho Chi Minh City, Vietnam in 2000. He then earned a Doctorate degree in food quality and safety at the National Polytechnic Institute in Toulouse, France in 2005. During 2005-2015, Dr. Tran worked as a postdoctoral fellow and a research scientist at the School of Veterinary Medicine (ENVT) Toulouse, France and at the University of Guelph, Ontario, Canada. He carried out a wide range of research on the development of analytical methodology for determining mycotoxins and masked mycotoxins in food and feed ingredients and in vivo studies of Fusarium mycotoxicoses in numerous animal species. Dr Tran joined Olmix as Technical Service Regional Manager in Asia in 2015. He is based at Olmix Asia Pacific headquarters in Ho Chi Minh City.

1220 Lunch, Parkview restaurant, ground floor
1320 Discussion forum on feeding for heavier bodyweights without sacrificing carcass quality

TRANSLATING PIG NUTRITION RESEARCH INTO PRACTICE

Special presentation – Designing effective farm trials
David Henman, Manager Research & Innovation, Rivalea, Australia
1350 Nutritional solutions to alleviate heat stress in pigs
Dr Bruno Silva, Professor in Swine Nutrition and Production, Universidade Federal de Minas Gerais, Brazil
1510 Coffee break
1540 Insoluble fibre – effect on piglet performance
Dr Manfred Pietsch, Business Unit Manager Animal Nutrition, J. Rettenmaier & Soehne GmbH + Co KG, Germany
Dr Pietsch has a degree in human nutrition and a doctorate in animal nutrition from the Justus-Liebig University, Germany. Since 1996 he has worked as a product and application manager for several feed additive suppliers, joining Josef Rettenmaier & Sons (JRS) in 2008 where he is responsible for applications and the head of the animal nutrition department.
1610 Piglets/sow/year can determine your profit – maintaining profit and performance post weaning – with recent trial results
Dr Fellipe Barbosa, Global Technical Manager, Swine, EW-Nutrition, Germany
Dr Barbosa completed his PhD in Animal Science at the Federal University of Viçosa, UFV, Brazil, with collaborative period in Kansas State University under Dr Mike D Tokach. His commercial experience includes having worked as a swine nutritionist, researcher and consultant, translating scientific knowledge into customer practice. Deneb V. Arriesgado, Animal Nutritionist, Camden Industries, Inc., Philippines
Mr. Arriesgado completed his Bachelor’s Degree in Agriculture Major in Animal Science in the University of the Philippines Los Baños. He is currently pursuing his Master’s Degree in Animal Science Minor in Biochemistry with a focus on piglet nutrition and utilisation of locally available rice co-products under Dr. Rommel C. Sulabo. He is an Animal Nutritionist of Camden Industries, Inc. and is also involved in the company’s Product Management.
1650 Discussion forum on translating pig nutrition research into practice
1720 Conference close
1720 Networking session (light refreshments provided) Foyer of Ben Thanh Hall, 1st floor, until 1830 hrs

26 April 2017 (Wednesday)
Ben Thanh Hall, 1st floor, New World Saigon Hotel
76 Le Lai Street, District 1, Ho Chi Minh City, Vietnam
0800 Coffee available

REDUCING THE USE OF IN-FEED ANTIBIOTICS

KEYNOTE PRESENTATION
0900 Replacement of AGPs: discussion of alternative ingredients, usage, mechanism of action, and potential for synergies
Dr Charles Starkey, Assistant Professor, Auburn University, USA, Department of Poultry Science
Dr Starkey has science degrees from Arkansas State University and PhD in Animal Nutrition from Kansas State University. Much of his career was spent as a New Business Development Manager for DSM Nutritional Products and he has also worked as a nutrition and production management consultant. More recently, Dr. Starkey was the Director of Technical Services with American Proteins Inc. He also served as the Director of Monogastric Technical Services for Balchem Corporation just prior to joining the faculty at Auburn University’s Poultry Science Department in May 2016.
From antibiotic era to a reduced or no use of antibiotics in swine production
Dr Juan Antonio Mesonero Escuredo, Global Programme Manager Swine Gut Health and Global Product
Manager Health Additives, Poultry and Swine, Trouw Nutrition, the Netherlands
Dr Escuredo studied Veterinary Medicine, University of Santiago de Compostela, Spain, Swine Institute Program,
Swine Eradication Centre, University of Minnesota, USA, PMD, ESADE Business School, Spain. He was a Resident
of the European College Porcine Health Management, University of Ghent, Belgium. His work experience includes
swine production and practice, technical and product management positions.

Improving intestinal health with non-medicated feed additives
Dr Joris Michiels, Professor Department of Applied Biosciences Faculty of Bioscience Engineering, Ghent
University, Belgium
Prof Michiels heads the research group on nutrition and digestive physiology of monogastric farm animals at
Department of Applied Biosciences of the Faculty of Bioscience Engineering, Ghent University. The research group
has built a strong expertise in understanding digestive processes, interaction with feed ingredients and microbiota
and developing in vitro and in vivo tools to study the digestive physiology. Dr Michiels in addition to his teaching
responsibilities is a member of the International Steering Committee of the tri-annual Digestive Physiology of Pigs
symposium and a member of the editorial board of Journal of Animal Science and Biotechnology.

Evaluation of some natural alternative feed additives to replace AGPs - main families - synergistic
and antagonist effects – starter period
Jean-Christophe Bocquet, Asia Technical and Nutrition Centre Manager, Neovia Asia, Vietnam
Dr Bocquet graduated from the ENV Nantes, French National Veterinary School, then completed a MBA from
ESSEC Business School and a Doctor of Veterinary Medicine. He has extensive commercial experience in livestock
nutrition and production management with premix, feed additive and service companies.
Anthony Jupin: Pig Market Manager, Neovia Asia, Vietnam
Mr Jupin has an Engineer in Agriculture, agronomy and environment, ESA Angers, France and a Masters from the
University of Wageningen, Netherlands, specialising in animal production. His industry experience includes pig
nutrition and production management, feed design and animal husbandry, and the development of technical
monitoring tools.

Antibiotic alternatives for pig farming – identifying strategies that work
Dr Yoo Young Kim, Professor, Department of Food and Animal Science Biotechnology, College of Agriculture and
Life Sciences, Seoul National University, Korea
Professor Kim completed his PhD and post-doctoral fellowship at the Ohio State University USA. His academic
career is supported with relevant commercial experience, including since 2005 having his own swine research
farm (Jacob Farm) with 500 sows at three sites. He is actively involved in the pig industry including the Council
of Pork Industry and Policy and the Korea Feed Association. Prof Kim is widely published, with wide research
interests including: alternative substances to antibiotics in feed, evaluation of nutrient utilisation by sows and gilts,
and feeding programs to increase sow's longevity.

Other factors to consider when formulating diets without AGPs: vitamins, minerals, oxidative
processes and stimulation of immunity
Dr Charles Starkey, Assistant Professor, Auburn University, USA, Department of Poultry Science

Managing low protein diets
Are low protein diets alone the complete answer
Tony Edwards, Pig Nutrition and Production Consultant, ACE Livestock Consulting, Australia

Feed additives – a large potential for reduction of dietary nitrogen content
Dr Pierre Cozannet, Animal Scientist – Pig Nutrition, Adisseo, France S.A.S
Dr Cozannet joined Adisseo in 2010 as Animal Scientist in pig nutrition. His role aims to conduct R&D programs
in order to improve knowledge on enzyme mode of action and practical application, and also to develop new
products. He gained a Masters degree in zootechnical science from the Agrocampus Ouest of Rennes (France).
His research interests include nitrogen and energy metabolism in non-ruminants, competition among great
physiological functions (i.e. nutrition, growth, immunity, reproduction) and global breeding system approach.
Manipulating dietary protein and fibre to improve intestinal health in pigs
Dr Jae Cheol Kim, Technical Manager, Asia Pacific, AB Vista, Singapore
Dr Kim has 20 years’ experience in swine nutrition research, development and extension. He completed his Master’s degree in swine nutrition from Massey University, New Zealand and PhD from Murdoch University, Australia. Before joining AB Vista, he worked as a swine research scientist at the Department of Agriculture and Food, Government of Western Australia. Dr Kim’s major research interests include the roles of fibre, functional amino acids and micro nutrients to maintain intestinal health without in-feed antimicrobials, and the roles of nutrition to reduce stress response to improve production efficiency of pigs in the commercial environment.