Feeding for superior performance

Fine tuning piglet nutrition

Nutrition for improved health

Harnessing feed technology

Bangkok, 31 March–1 April 2016

Registrations close 15 March 2016
30 March 2016 (Wednesday)
1800 Welcome Gathering Poolside, Level 9, The Landmark Bangkok Hotel 138 Sukhumvit Rd, Klong Toei, Bangkok 10110, Thailand

31 March 2016 (Thursday)
The Landmark Bangkok Hotel, Ballroom, Level 7, The Landmark Bangkok Hotel 138 Sukhumvit Rd, Klong Toei, Bangkok 10110, Thailand
0800 Registration opens, coffee available
0900 Introduction
Craige Allan, Program Director, 2016 Pig Feed Quality Conference

FEEDING FOR SUPERIOR PERFORMANCE

0910 Keynote presentation
Balancing grower/finisher diets for standardised ileal digestible amino acid content to include performance and carcass quality
Julian Wiseman, Professor of Animal Nutrition, University of Nottingham, United Kingdom
Dr Wiseman is a world renowned swine expert with particular research interests in the nutritional values of raw materials, swine nutrition and animal responses to nutrient intake, carcass and meat quality. He is a Professor of Animal Production at University of Nottingham and has published extensively and has been a co-author, since 1996, of the annual series, Recent Advances in Animal Nutrition.

0950 Using nutrition to mitigate the negative impact of heat stress in growing pigs
Nicholas Gabler, Associate Professor, Swine Nutrition and Physiology, Department of Animal Science, Iowa State University, USA
Dr Gabler has a PhD in animal nutrition and physiology from La Trobe University, Australia and conducted postdoctoral research in the USA at both Purdue and Iowa State Universities. He joined the Animal Science Department at Iowa State in 2008 and now supervises a research program that focuses on: the physiology and molecular pathways that define feed efficiency; gastrointestinal physiology of swine; the pig as a biomedical model; and understanding the impact of disease and poor health on metabolism, nutrient requirements and tissue accretion.

1020 Coffee break

1040 Establishing a digestible calcium requirement for pigs: methods and current results
Carrie Walk, Senior Research Manager, AB Vista, Marlborough, United Kingdom
Dr Walk is a Senior Research Manager at AB Vista. She specialises in phytase, phytate and mineral interactions in monogastrics. Prior to joining AB Vista, Dr Walk was a postdoctoral research assistant in the Department of Animal and Poultry Sciences at Virginia Polytechnic Institute and State University where she evaluated calcium, phosphate, phytate, and phytase interactions within conditions of the gastrointestinal tract.

1100 Optimal amino acid ratios in AGP-free diets for weaned/starter pigs
Sheila Heidi M. Ramos, Technical Sales Manager for South Asia, Evonik SEA Pte Ltd, Singapore
After completing her Masters in Animal Nutrition at the University of the Philippines at Los Baños, Ms Ramos has worked with Evonik for more than ten years, where she is responsible for promoting value added nutritional concepts and programs, such as the use of digestible amino acids in feed formulation, net energy and low protein diets in swine nutrition and the use of the ideal protein concept and the latest amino acid recommendations among others.

1130 Improved methionine nutrition for swine
Yves Mercier, Research Manager Amino Acids, Adisseo France SAS
Yves gained a PhD degree in nutrition and food science in 1999 at the University of Clermont Ferrand. After management functions at the charolais institute where he was involved in food industry projects, he jointed ADISSEO R&D team in 2003. Yves is Research manager for amino acid (monogastric and ruminant) and antioxidant. He is involved in many nutrition projects and collaborations with international research teams developing methionine research areas from requirement to cellular signaling effects of methionine.

1200 Feeding the modern sow and her progeny
René Bonekamp, Swine Specialist, EMEA, DSM Nutritional Products, Netherlands
After completing his Masters at Wageningen University, the Netherlands where he specialised in reproduction and genetics, René worked in various swine research nutrition and technical sales roles in Asia Pacific and the Netherlands. His background in feed additives, piglet specialties, home mixing and end feed production on a large scale makes him relevant practical experience for his current role with DSM, where he supports the local entities within the EMEA region on swine related and provide more customer solutions.

1230 Lunch, Landmark Room, Level 7

1330 Discussion forum on Feeding for Superior Performance
FINE TUNING PIGLET NUTRITION

1400  What is applicable and what is not applicable from European experience to Southeast Asia for piglet feeding
Rommel Sulabo, Professor of Monogastric Nutrition, University of the Philippines at Los Baños
Dr Sulabo is a professor with the Animal Nutrition Division of the Animal and Dairy Sciences Cluster at the University of the Philippines Los Baños. He completed his initial studies at Los Baños and then held technical positions with SunJin before returning to study for a PhD in Animal Science (Swine Nutrition) at the Kansas State University, USA, under Dr Mike D Tokach, and further post-doctorate studies at the University of Illinois. His research emphasis was on feed ingredient evaluation.

1430  Age of piglets key in digestibility measurement of amino acids
Juliana A. Soares Almeida, Adjunct Professor, Missouri Baptist University, USA
Dr Almeida completed her Masters and PhD in Animal Sciences both at the University of Illinois, USA, where she later worked as a postdoctoral research associate. Her research interests include the nutrient value of distiller’s co-products, and the use of feed additives (clays, plant extracts and spray-dried egg and spray-dried plasma products) on the health and performance of pigs.

1500  Coffee break

1530  Electrolyte balance and acid binding capacity in piglet diets
Gilles Langeoire, Senior Consultant Gilles Langeoire Consulting, France
In a 45 year career Dr Langeoire worked as technical manager for major nutrition companies in France, where his responsibilities included the pig feed market in Asia. His major contributions concerned net energy supply for growing pigs and sows, specific feeding management of hyperprolific sows, environmental issues and the use of enzymes, acidifiers, polyphenols as pig feed additives. More recently he updated his knowledge about mycotoxins and mycotoxin binders, and the use of medium chain fatty acids as substitutes to antibiotics.

1600  Maximising piglet feed intake through diet composition
Graziano Mantovani, Regional Technology Application Lead for Swine in Southeast Asia, Cargill’s Provimi, Philippines
Dr Mantovani holds a PhD in Animal Nutrition and Food Safety from the University of Milan and Agriculture AgriFood Canada Research Institute in Quebec. He has specialised in piglet nutrition (gut health and nutritional strategies to replace antibiotics) and precision feeding. Dr Mantovani served as European Technology Deployment Manager for the Cargill Animal Nutrition global swine team before moving to Manila, the Philippines he provides technical support to businesses across the region.

1630  Discussion forum on Fine Tuning Piglet Nutrition

1700  Conference close

1715  Networking session (light refreshments provided), Sundeck, Level 11

1 April 2016 (Friday)
The Landmark Bangkok Hotel, Ballroom, Level 7, The Landmark Bangkok Hotel
138 Sukhumvit Rd, Klong Toei, Bangkok 10110, Thailand

0800  Coffee available

Harnessing Feed Technology

0900  Starch digestibility in piglets, including the influence of processing
Julian Wiseman, Professor of Animal Nutrition, University of Nottingham, United Kingdom
Dr Wiseman is a world renowned swine expert with particular research interests in the nutritional values of raw materials, swine nutrition and animal responses to nutrient intake, carcass and meat quality. He is a Professor of Animal Production at University of Nottingham and has published extensively and has been a co-author, since 1996, of the annual series, Recent Advances in Animal Nutrition.

0930  Taking NIR beyond feedstuff analysis to enhance pork production profitability
Hadden Graham, Global Technical Director, AB Vista, Marlborough, United Kingdom
Dr Graham has a PhD in Agricultural Biochemistry from The Queen’s University of Belfast. After graduating he spent ten years in teaching and research in Animal Sciences at University College Dublin, The Swedish University of Agricultural Sciences, Uppsala and Montana State University. At AB Vista he is responsible for technical support worldwide to their developing feed additives business. He has over 150 publications in ruminant, swine and poultry nutrition.

1000  Feed quality and hygiene program – experience from Europe
Chinnadurai Sugumar, Product Manager, Kemin Industries Pte Ltd, Singapore
Dr Sugumar has a post graduate degree in veterinary science (animal nutrition) from Madras Veterinary College India. He has gained extensive experience of feed milling and formulation.

1030  Coffee break
Hydrothermal refinement of carbohydrate-rich feedstuffs for use in pig diets – actual results and experiences
Heinrich Kleine-Klausing, Head of Product Management and Production, EW Nutrition, GmbH, Germany
Dr Kleine-Klausing completed his Masters about the use of technically refined (cooked) cereals in monogastric nutrition, followed by a PhD on the evaluation of oats, flaked beans and peas in feed for monogastrics, with particular emphasis on environmental impact, both at the University of Bonn. His specialties include feeding and management of high performing animals, technical improvement of raw materials for animal production, and the production of cooked grains for animal feeds.

Discussion forum on Harnessing Feed Technology
Lunch, Landmark Room, Level 7

Nutrition for Improved Health
Keynote presentation
Impact of nutrition on disease susceptibility and the impact of disease on nutrient utilisation
Nicholas Gabler, Associate Professor, Swine Nutrition and Physiology, Department of Animal Science, Iowa State University
Dr Gabler has a PhD in animal nutrition and physiology from La Trobe University, Australia and conducted postdoctoral research in the USA at both Purdue and Iowa State Universities. He joined the Animal Science Department at Iowa State in 2008 and now supervises a research program that focuses on: the physiology and molecular pathways that define feed efficiency; gastrointestinal physiology of swine; the pig as a biomedical model; and understanding the impact of disease and poor health on metabolism, nutrient requirements and tissue accretion.

Optimum vitamin nutrition for better health and performance of swine
Gilbert M, Weber, Senior Science Fellow, DSM Nutritional Products, Switzerland
Dr Weber graduated from the University of Zurich in Switzerland with a PhD in developmental physiology. His career at Roche and now DSM, has had a special emphasis on vitamins, carotenoids and enzymes aiming at improving the production of animal-derived protein through optimised nutrition. His main interests are the vitamins D₃, E, B₂ and biotin for improving health and welfare of farm animals, carotenoids for poultry pigmentation and more recently eubiotics for the modulation of the gut microbiota in monogastric animals.

What a nutritionist needs to know about the immune system of pigs
Fellipe Freitas Barbosa, Globigen Product Manager, EW-Nutrition GmbH, Germany
Dr Barbosa completed his PhD in Animal Science at the Federal University of Vicosa, Brazil, with a 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.

The effect of maintaining appetite on the performance of mixed parity highly prolific sows during lactation to oestrus in hot, humid climates
Bruno Silva, Professor in swine nutrition and production, Universidade Federal de Minas Gerais, Brazil
Dr Silva has degrees from the Universidade Federal de Vícosa, Brazil and the Institut National de la Recherche Agronomique, France. He has commercial experience as a researcher and global swine nutritionist, before joining the Universidade Federal de Minas Gerais, Brazil in 2012. He continues to consult for several multinational companies in the field of swine nutrition. He has several publications and international conferences in the field of nutritional requirements and environmental adaptation of pigs in tropical regions.

Coffee break

The impact of nutritional factors and feed characteristics in piglet health
Graziano Mantovani, Regional Technology Application Lead for Swine in Southeast Asia, Cargill's Proxim, Philippines
Dr Mantovani holds a PhD in Animal Nutrition and Food Safety from the University of Milan and Agriculture AgriFood Canada Research Institute in Quebec. He has specialised in piglet nutrition (gut health and nutritional strategies to replace antibiotics) and precision feeding. Dr Mantovani served as European Technology Deployment Manager for the Cargill Animal Nutrition global swine team before moving to Manila, the Philippines he provides technical support to businesses across the region.

Discussion forum on Nutrition for Improved Health
Closing remarks
Conference close
Widely recognised as Asia’s leading pig nutrition forum, the Asian Agribiz 2016 Pig Feed Quality Conference will bring together leading local and international animal nutrition experts from academia and industry. Addressing the theme ‘Science, trial data, solutions’ speakers will present a strong technical program with invited papers detailing the latest regionally relevant research-based knowledge to address key issues for the Asian pig industry, with actionable take home messages to help pig producers and feed producers improve productivity and profit margins.

The conference is divided into four major sessions:

**FINE TUNING PIGLET NUTRITION:** Early nutrition has a strong influence on the pig’s lifetime potential. Feeding of piglets should be aimed at maximising feed intake to allow a better maintenance of gut health, improve future feed conversion rates and subsequently long term performance.

**FEEDING FOR SUPERIOR PERFORMANCE:** Feeding pigs correctly can help make the most of their genetic potential for both performance and producing high quality pork. Nutritional approaches to reduce the negative impact of heat stress in growers, a common problem in Asia will be considered.

**NUTRITION FOR IMPROVED HEALTH:** Nutrition has a major influence on the immune system—more than 70% of the body’s immune cells are located in the gut and any disruption will provoke an immune response that in some way will impact on performance. With increased consumer and regulatory demands to reduce the use of antibiotic growth promotants, the influence of nutrition on health is critical for further increasing animal productivity and welfare.

**HARNESSING FEED TECHNOLOGY:** Nutrition goes beyond diet formulation, because diets must be properly processed before their potential is realised. Feed processing technologies affect the nutritional value and physical properties of a formulation, which can have a positive effect on pig growth performance, carcass composition and profitability. Knowing how processing affects the nutritional and physical properties of a formulation, as well as how the ingredients in the formulation affect the process, will help feedmillers and formulators to get the most from their feed.

Chaired discussion forums will ensure that you have opportunities to ask these leading experts your questions and will lead to some lively discussion. Participants will also enjoy valuable opportunities to network, exchange ideas and do business with industry professionals from throughout Southeast Asia and the world.

I look forward to seeing you in Bangkok.

Craig Allan
Program Director

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**FULL PROGRAM INCLUDES:**

- 18 Presentations – with much data presented in Asia for the first time.
- 15 World class speakers from as far afield as Brazil, France, Germany, Switzerland, USA and United Kingdom.
- Networking session on 31 March from 5-7pm – refreshments and finger food as you meet and mix with colleagues and speakers.
- Visit Victam Asia (29-31 March) the day before the conference
- Background papers available during the conference; actual presentations available for download straight after the conference.
- Audio translation into Vietnamese for the ever growing number of delegates from Vietnam

**Enjoy the Conference in the best conference facilities in Bangkok**

Set on fashionable Sukhumvit Road, in the heart of Thailand’s exciting capital, The Landmark Bangkok is an established hotel offering five-star facilities and services for both leisure and business travellers. With a station of the Skytrain located in front of the hotel, The Landmark Bangkok is conveniently linked to the city’s main commercial district and many of its leading tourist attractions. Nearby is the expressway to the domestic and international airports. A reduced conference room rate is available for Pig Feed Quality Conference delegates – see the Registration Form for details.
REGISTRATION FORM
Please complete one registration form for each delegate – photocopy for multiple bookings and/or different addresses.

Take advantage of the EARLY BIRD REGISTRATION
☑ I am registering as an individual and paying before 12 February 2016 for USD 100 off - you pay only USD 625

Take advantage of the TEAM REGISTRATION
☑ I am registering as a part of a team of 3 to 5 and paying before 29 February 2016 for USD 125 off - you pay only USD 600 per person
☑ I am registering as a part of a team of 6 or more and paying before 29 February 2016 for USD 150 off - you pay only USD 575 per person

Regular Conference Package
☑ I am registering for the full conference including coffee breaks, lunches, networking session, conference background papers and proceedings at USD 725 per person
☑ I will not attend but send me the proceedings on CD USD 225

Delegate Details
Please check one box ☐ Dr ☐ Mr ☐ Mrs ☐ Ms ☐ Miss
Family name .................................................................
Given name ...............................................................
Company name ..........................................................
State/Province .........................................................
City...........................................................................
Street Address .........................................................
Postal code ...............................................................
Expiry date ............................................................... CVV
Expiry code* .............................................................
Miss
Mrs
Should you wish a different name and/or company on your name tag:
Delegate Name for tag ................................................
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I have read and agree to the terms and conditions for this event
Signature ................................................................. Date ..................................

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Total amount in USD ................................................
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☑ Please debit my: ☐ Mastercard ☐ Visa ☐ American Express
This transaction will be processed by WorldPay and appear on your Credit Card statement as a transaction with ASIAN AGRIBIZ SINGAPORE SG.

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Number .................................................................
Expiry date ............................................................. CVV
Name on card ............................................................
Signature .................................................................

* CVV is the last 3 digits of the number printed on the signature strip of most credit cards. For American Express it is a 4 digit number printed on the front of the card.

☑ By Bank Transfer (All bank charges to be borne by the payer)
Quote ‘PIG FEED QC’ in the transfer details and attach a copy of the transaction advice to this registration.
Bank: DBS Bank Ltd, 12 Marina Boulevard, Singapore 018982
Account name: Asian Agribusiness Media Pte Ltd
Bank and branch code: 7171001
Account no: DBSS54163 0 022 USD
SWIFT: DBSSSGSG
☑ By Cheque or Bank Draft
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Make payable in USD to Asian Agribusiness Media Pte Ltd

A receipt will be emailed to the above email address once payment is confirmed. Should you have any specific requirements for your receipt, contact the Event Organiser once you register.

Four ways to register
ONLINE At our web site or www.secureregistrations.com/PIGFeedQC16/
It’s quicker and easier to book and pay online

EMAIL A scanned copy of the registration form to events@asian-agribiz.com

POST Asian Agribusiness Media Pte Ltd
25 International Business Park #02-103 Singapore 609916

FAX +65 6276 1816

Should your registration not be acknowledged within two weeks please email events@asian-agribiz.com or call Omthong Tjoa +66 8800 64188 or Sutassine Lake +66 8989 80777.

Venue and Accommodation
Venue: The Landmark Bangkok Hotel
138 Sukhumvit Road, Bangkok 11110, Thailand
Ph +66 2 254 0404 Fax +66 2 253 4259 www.landmarkbangkok.com

Accommodation:
Hotel accommodation and travel costs are not included in the registration fee.
Reduced conference room rates have been negotiated with the Landmark Bangkok starting from THB 4400 net (approx USD 125) including taxes, breakfast and internet.
To make your booking please contact us at events@asian-agribiz.com for a booking form or download a copy from www.asian-agribiz.com
A list of alternative accommodation is available from events@asian-agribiz.com or can be downloaded from www.asian-agribiz.com

Dietary and special care
The organisers will make every effort to assist those with special dietary or care requirements.
☑ Please contact me about specific dietary or care requirements.

Questions
Any questions please email events@asian-agribiz.com

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