



FEED QUALITY CONFERENCES

Bangkok, Thailand 21-22 August 2019
Jakarta, Indonesia 26-27 August 2019

DATES & VENUES

21-22 August 2019

Watergate Ballroom on 6th floor
Amari Watergate Bangkok
847 Petchburi Road, Bangkok 10400 Thailand

26-27 August 2019

Makara Room, Ground floor
DoubleTree by Hilton Jakarta
Jl. Pegangsaan Timur No. 17, Cikini – Menteng, Jakarta Pusat, 10310, Indonesia

PROGRAM – DAY ONE

0800 Registration and coffee

0900 **Welcome and introduction**

David Faulkner, Conference Chairman, 2019 Broiler Feed Quality Conference

BEYOND AGPs – LESSONS LEARNT IN THE LAST 12 MONTHS

0910 **Beyond AGPs – lessons learnt in the last 12 months (Part 2 of a 3-year spotlight)**

Robert Renema, Principal, Robert Renema & Associates Poultry Consulting, and Producer Programs Manager with Alberta Chicken Producers, Canada

Dr Renema is a former Assistant Professor of Value-Added Poultry Science and Research Scientist in poultry growth and reproduction at the University of Alberta. With over 20 years studying the interaction of poultry nutrition, management and reproduction, he is well placed to provide insight into production will reduced or eliminated use of antibiotic growth promotants. He has over 600 classroom teaching hours and hundreds of industry talks and conference presentations, making him the idea person to lead the conferences' discussion about AGP use.

0950 **Persisting challenges post-AGP era - breathing space for antibiotic reduction**

Ruturaj Patil, Product Manager Liquid Phytogenics and P Kowsigaraj, Global Validation Trial Manager, EW Nutrition, Germany

1020 COFFEE BREAK

1050 **Commercial antibiotic free broiler production**

Derek Detzler, Global Technical Services Manager, Jefe Nutrition and General Manager, Hucon Poultry Inc, Canada

Mr Detzler lives on a family farm which raises 120,000 antibiotic free broiler chickens per cycle. For over 15 years, his focus has been the reduction of antibiotics using coccidiosis vaccines to tackle anticoccidial resistance development. He has consulted for various pharmaceutical and vaccine companies and was a member of the Chicken Farmers of Canada Antibiotic Reduction Committee, and a PAACO certified poultry welfare auditor. In 2013, he became the Global Poultry Technical Services Manager for Jefe.

1120 **Recent progress made in antibiotic free broiler chicken feeding programs - a view from Asia**

Jung Min (Jerry) Heo, Assistant Professor, Department of Animal Science and Biotechnology, Chungnam National University, South Korea

Prof Heo has animal and nutritional science degrees from Chung-Nam National University, South Korea and a PhD in digestive physiology and nutrition from Murdoch University, Australia. His current interests include the evaluate nutritive value of feed ingredients; the nutrition and gut health interactions; nutrition and the environment; and exploration of the role of dietary components (eg sources, protein: carbohydrate ratio) on post weaning diarrhea.

1150 PANEL DISCUSSION with morning speakers

1210 LUNCH

1310 **Use of butyric acid glycerides as potential substitute of AGP in poultry feed**

Juan Antonio Javierre, Research & Development Director, Tekzol SAS, Colombia

Dr Javierre, is a Doctor in Veterinary Medicine, graduated from Universities of Madrid, Spain, and Phoenix, United States of America. He had served with Lucta for 30 years as Researcher, Marketing Manager, and Technical Marketing Director of Europe, South East Asia, China and Latin America, offering sales and technical service for customers. Since 2013, he has been the Research and Development Director of Tekzol SAS, Colombia, managing its experimental units, and providing technical support to Tekzol's customers and partners in key regions and areas.

1340 **Novel use of spray-dried plasma in broilers to improve performance, health and economics under AGP-free and traditional systems**
Ricardo Gonzalez Esquerro, Global Poultry Manager, APC Inc, USA
Dr Esquerro has a doctorate in veterinary medicine from the National University of Mexico, an MSc and PhD in Animal Nutrition from the University of Guelph, Canada, and an MBA from the Faculdade Getulio Vargas, Brazil. His professional interests extend to topics related to poultry productivity and nutrition, animal health through nutrition, ABF and traditional production systems, nutritional requirements, meat quality, interactions between environment and nutrition; and the use of solutions such as synthetic amino acids, enzymes, organic acids, probiotics, essential oils, minerals.

1410 **ON-STAGE INTERVIEW – Beyond AGPS - fitting it all together!**
Robert Renema and David Faulkner

1440 PANEL DISCUSSION with 'Beyond AGPs' speakers

1510 COFFEE BREAK

EARLY CHICK NUTRITION – THE FIRST 24 HOURS

1540 **Nutrition of the newly hatched chick – physiological limitations and potential**
Ravi Ravindran, Professor of Poultry Science, Monogastric Research Centre, Massey University, New Zealand
Ravi Ravindran graduated with BSc (Agric.) degree from the University of Sri Lanka and, MSc and PhD degrees in Animal Nutrition from Virginia Tech University, USA. He has held academic and research positions in Sri Lanka, Canada, USA and Australia, prior to moving to New Zealand in 1998. He has had a distinguished international career in monogastric nutrition, having published in excess of 500 scientific works including three books and over 30 book chapters. Ravindran is an acknowledged authority in the areas of feed evaluation, amino acid nutrition and feed enzyme technology.

1610 **The impact of early life nutrition on poultry gastrointestinal functionality**
Pietro Celi, Senior Scientist, DSM Nutritional Products, Animal Nutrition and Health, USA
As Senior Scientist, Dr Celi is Project Director for the Gut Health Platform; he also provides scientific support to the Global R&D Ruminant and Eubiotic teams. He has been involved in studies into animal physiology for a number of years and during this time he has worked on a variety of livestock species. Dr Celi's core expertise is the study of the interactions between nutrition, metabolism and reproduction in domestic animals with particular interest in the study of oxidative stress biomarkers.

1640 PANEL DISCUSSION with afternoon speakers

1700 Meet the Speakers Cocktail Party
Light refreshments and finger food provided in the meeting room foyer until 1830 hrs

PROGRAM – DAY TWO

HORIZON KEYNOTE PRESENTATION

0900 **What does the future holds for the poultry industry as it reduces its dependence on antibiotics?**
Zhi-cheng Xiao, Professor (Research), Anatomy & Developmental Biology, Monash University, Australia
Dr Xiao has a Doctor of Natural Science Degree from Swiss Federal Institute of Technology, Zurich. The aim of his research is to understand the molecular events that mediate communication among neural cells, in the nervous system during development, myelination, learning and memory, degeneration, and regeneration. These studies have yielded insights into the therapeutic potential of cell signalling molecules to ameliorate or even ablate the detrimental consequences of nervous system injury and neurodegenerative diseases, including stroke, traumatic brain injury, spinal cord injury, Alzheimer Disease (AD), and Multiple Sclerosis (MS).

AMINO ACID NUTRITION – WHY IT IS SO CRITICAL

0940 **The role of amino acids in reduced crude protein diets and the positive impact on environmental output**
Paul B. Tillman, Principal, Poultry Technical Nutrition Services LLC, USA
Dr Tillman has degrees in animal and poultry science from the University of Georgia and a PhD from the University of Arkansas, USA. Prior to setting up his consultancy in 2010 he held positions with Ajinomoto Heartland, Ridley Reed Ingredients, Alpharma and Roche. He now provides practical poultry nutrition and feed formulation services to the poultry industry with special interest in poultry nutrition, feed formulation, feed ingredient quality assessment and poultry production.

1020 Coffee break

1050 **Milestones in applied amino acid nutrition of broilers**
Usama Aftab, Technical Director, Asia Pacific, AB Vista, Singapore
Dr Aftab has 19 years' experience in the poultry industry working at nutritionist and research roles. He gained his Master's Degree in Animal Nutrition from University of Agriculture, Pakistan and PhD from Quid-e-Azam University, Pakistan. Before joining AB Vista, he worked in roles as Group Nutritionist with leading feed companies. Dr Aftab has a wide experience in working with feed industry partners as a Consulting Nutritionist. He has remained actively involved in the applied broiler nutrition research with a major focus in the areas of protein and amino acids, nutrient density, and enzyme applications.

1120 **Seleno-amino acids: definition, metabolism and nutritional significance**
Kevin YG Liu, Vice President, Adisseo Asia Pacific Pte Ltd, Singapore
Dr Liu received BSc and MSc in animal sciences in China, a PhD in nutrition from Wageningen University in the Netherlands, followed by post-doctoral from the University of Manitoba, Canada. He worked as a scientist for many years, covering amino acids, enzymes, trace and macro minerals and various feed ingredients for poultry, pigs and dairy cows, and published extensively.

1150 **An update on threonine and valine requirements for broilers**
Paul B. Tillman, Principal, Poultry Technical Nutrition Services LLC, USA

1220 **Asian Feed Miller Sustainability Award presentation ceremony**

1230 Lunch

NUTRITION KEYNOTE PRESENTATION

1330 **Current trends in feed evaluation**
Ravi Ravindran, Professor of Poultry Science, Monogastric Research Centre, Massey University, New Zealand

1400 DISCUSSION PANEL with amino acid nutrition speakers

WATER & ENVIRONMENT MANAGEMENT – RISKS & RECOMMENDATIONS

1430 **Why water?**
Tim Walker, Independent Food Production Consultant, Australia
Between 1974 and 2009, Dr Walker held several nutrition, technical and management positions with feed manufacturing and integrated broiler companies in Australia and New Zealand. During this time, he enjoyed a number of short-term consultancies in Asia-Pacific and Eastern Europe. Most recently he has been involved in poultry R&D, as Program Manager with the Australian Poultry Co-operative Research Centre. The focus of his career has been commercial poultry nutrition and feed ingredient supply.

1510 Coffee break

1540 **Beyond nutrition: water, environment and sustainability**
Santiago Ramirez, Technical Marketing Manager, DSM Nutritional Products, Singapore
Dr Ramirez Santiago is a monogastric nutritionist. Prior to joining DSM he acted as independent consultant servicing clients in Australia, Asia Pacific and Latin America, offering technical troubleshooting services to a variety of feed mills and producers. He holds a Bachelor's Degree in Food Science and Nutrition, a Master's in Molecular Biology, and a PhD in Molecular Microbiology.

1610 **Practical solutions for water quality issues**
Sudipto Haldar, Director, Agrivet Consultancy Pte Ltd, India
Dr Haldar did his post-graduate at the National Dairy Research Institute, Karnal, and then obtained his PhD in Animal Nutrition, following which he entered into teaching and research in animal nutrition in the University of Animal and Fishery Sciences, Kolkata, India. In his present role of Director, Research and Development of ACPL, Dr Haldar liaises with organisations that want to test the efficacy of their products in poultry production under the typical tropical climatic conditions. Apart from the research and development work, Dr Haldar is engaged in providing nutritional support in clients in India, Bangladesh, Nepal and Bhutan.

1640 PANEL DISCUSSION with water & environment speakers

1700 CLOSE

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