PROGRAM AQU@EVENT by ADISSEO
A Bluestar Company

THE NEW NORMAL IN AQUACULTURE: BOOST YOUR RESILIENCE !

Day 1 **MARCH 30 INDUSTRY TALKS**

From 8-12am Paris Time | From 1-5pm Bangkok Time
From 11:30am-3:30pm Chennai Time | From 2-6pm Shanghai Time

WELCOME AT THE BOOTH (OPEN FROM 7:45 TILL 12:00 CET)

Time (CET)	Topic	Speaker
8am to 8:30am	**Emerging from a world of uncertainty?**	**Gorjan Nikolik** Rabobank International, Netherlands
8:30am to 9am	**Best farming practices, key to a more resilient shrimp industry in India**	**Akshaya Panigrahi,** PhD, Central Institute of Brackishwater Aquaculture, Crustacean Culture Division, India

BREAK AT THE BOOTH (9:00-9:30am)

Time (CET)	Topic	Speaker
9:30am to 10am	**Biosecurity to respond the risk of emerging diseases in shrimp aquaculture**	**Jie Huang,** PhD, Network of Aquaculture Centres in Asia-Pacific (NACA), Thailand and Yellow Sea Fisheries Research institute, Qingdao, China
10am to 10:30am	**Artificial intelligence (AI), exploring new frontiers in shrimp aquaculture**	**Chin-Chang Hung,** PhD, National Sun Yat-sen University, Department of Oceanography, Taiwan
10:30am to 11:15am	**Q&A BY THE AUDIENCE : PANEL DISCUSSION WITH THE SPEAKERS**	

MEETING UP AT THE BOOTH (till 12:00 CET)

ALL TALKS ARE SUBTITLED IN ENGLISH

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Day 2 MARCH 31 TECHNICAL SEMINAR

From 8-12am Paris Time
From 11:30am-3:30pm Chennai Time
From 1-5pm Bangkok Time
From 2-6pm Shanghai Time

WELCOME AT THE BOOTH (OPEN FROM 7:45 TILL 12:00 CET)

Time (CET)	Topic	Speaker
8am to 8:25am	**Designing new feed and other farming issues for new species in Vietnam: snakehead fish, climbing perch, and frog**	**Tri Nhu Nguyen,** PhD, Nong Lam University, Vietnam
8:25am to 8:50am	**Lysophospholipids in aquaculture nutrition: more than a feed emulsifier**	**Waldo Nuez Ortiz,** DVM, PhD, BU Aquaculture - Adisseo, Spain
8:50am to 9:15am	**Impact of disease on fillet yield and quality in tilapia, experiences from Brazil**	**Carlos Leal,** DVM, PhD, Federal University of Minas Gerais Brazil, Brazil

BREAK AT THE BOOTH (9:15-9:45am)

Time (CET)	Topic	Speaker
9:45am to 10:10am	**Co-infections, the reality of disease in aquaculture**	**Win Surachetpong,** DVM, MS, PhD, Kasetsart University, Department of Veterinary Microbiology and Immunology, Thailand
10:10am to 10:35am	**Histopathology, a tool to assess gut health in fish**	**Albert Girons,** DVM, MSc, Ictiovet, Spain
10:35am to 11:15am	**Q&A BY THE AUDIENCE : PANEL DISCUSSION WITH THE SPEAKERS**	

MEETING UP AT THE BOOTH (till 12:00 CET)

ALL TALKS ARE SUBTITLED IN ENGLISH

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Speakers DAY 1

Gorjan Nikolik
Senior Industry Analyst, Food & Agribusiness Research & Advisory @ Rabobank International, Netherlands

Gorjan holds a masters degree in Finance and Business Administration from the University of Maastricht and an MBA from Maastricht School of Management. Since joining Rabobank International in 2005, he has been an industry analyst focusing on the global seafood sector including aquaculture, wild-catch, seafood trade and processing. He works as a senior sector expert to Rabobank departments such as Mergers and Acquisitions, Leveraged Finance, Venture Capital, Credit Risk Management and the Relationship Bankers. .

Dr. Akshaya Panigrahi
Principal Scientist @ Central Institute of Brackishwater Aquaculture (CIBA), Crustacean Culture Division, India

Dr. Panigrahi graduated from O.U.A.T., Odisha, followed by MSc (Mariculture) and a doctoral degree from Tokyo University of Marine Science and Technology, Tokyo (Japan). He has research experience at the Scottish Fish Immunology Research Centre (UK) on Molecular Immunology in Aquaculture. He has investigated probiotic induced immunomodulation and the immune mechanism involved in shrimp, trout and carp. He lead several national and international projects on the diversification of species and farming systems, disease surveillance and adoption of better management practices in shrimp farming.

Dr. Jie Huang
Director General @ Network of Aquaculture Centres in Asia-Pacific (NACA), Thailand

Dr. Huang Jie is the Director General of the Network of Aquaculture Centers in Asia-Pacific (NACA). He was the Principal Investigator of the Maricultural Disease Control and Molecular Pathology Laboratory, Yellow Sea Fisheries Research Institute (YSFRI), Chinese Academy of Fishery Sciences (CAFS), Chief Scientist of CAFS on aquatic animal disease control, an OIE designated expert for White spot disease (WSD) and Infectious and hematopoietic necrosis (IHHN), and a doctorial tutor for Shanghai Ocean University.

Dr. Chin-Chang Hung
Professor @ Department of Oceanography, National Sun Yat-sen University, Taiwan

Professor Hung obtained a Ph.D. in Chemical Oceanography at the Old Dominion University, Virginia, USA. He has over 20 years of experience in the field of aquaculture. Today, his research area relates to the marine carbon cycle, smart aquaculture, and the impacts of ocean acidification on marine organisms.

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Speakers DAY 2

Dr. Tri Nhu Nguyen
Dean of Faculty of Fisheries @ Nong Lam University, Ho Chi Minh, Vietnam

Dr. Tri got a B.Sc degree in Aquaculture at Nong Lam University of Ho Chi Minh city, Vietnam and a Master degree in Aquaculture at Asian Institute of Technology, Thailand with a scholarship from the Danish government. In 2003, he got a Ph.D scholarship from the Ministry of Education and Training, Viet Nam to pursue a Ph.D degree in Aquatic Animal Nutrition at the Department of Fisheries and Allied Aquaculture, Auburn University, Alabama, USA. Currently he is the Dean of Faculty of Fisheries, Nong Lam University of Ho Chi Minh city.

Waldo Nuez
Lead Scientist Aquaculture @ Adisseo, Spain

Dr. Nuez holds a Degree in Veterinary Medicine from the University of Zaragoza (Spain), a MSc in Animal Nutrition from the University of Saskatchewan (Canada), and a PhD in Aquaculture Nutrition from the University of Tasmania (Australia). His background in aquatic nutrition is supported by more than 13 years of combined academic and industry experience. His expertise revolves around how production strategies and environmental stressors impact growth efficiency, health and product quality, and implementing feeding strategies and functional feed additives accordingly. Waldo currently leads the Health and Nutrition R&D program for the Aquaculture Business Unit.

Dr. Carlos Leal
DVM, PhD, Professor @ Federal University of Minas Gerais Brazil, Brazil

Graduated in Veterinary Medicine (2007) by Federal University of Lavras (UFLA). Master degree (2009) and Ph.D. (2011) in Veterinary Sciences by UFLA, concentration area: aquatic animal health. Currently, he is professor at Preventive Veterinary Medicine Department at Veterinary School of UFMG. Professor of Aquaculture and Veterinary Medicine graduate courses at Federal University of Minas Gerais, he is responsible for the disciplines Basic Immunology and Aquatic Animal Health and Diseases. The main expertise is in Preventive Veterinary Medicine, with focus on infectious diseases of aquatic animals. He is the coordinator of the Bacteriology Routine Laboratory of DMVP/EV-UFMG, and co-responsible of the AQUAVET-Laboratory of Aquatic Animal Diseases.

Dr. Win Surachetpong
DVM, MS, PhD, Assiociate Professor @ Kasetsart University, Department of Veterinary Microbiology and Immunology, Thailand

Dr. Win Surachetpong is Associate Professor of Microbiology and Immunology at the Faculty of Veterinary Medicine, Kasetsart University, Bangkok, Thailand. He received a PhD in Immunology from the University of California, Davis, a Diplomate Thai Board of Veterinary Pathology from the Veterinary Council of Thailand, and a Certified Aquatic Veterinarian (CertAqV) from the World Aquatic Veterinary Medical Association (WAVMA). His research focuses on Tilapia Lake Virus (TiLV) and polymicrobial infections with other pathogens in tilapia in Thailand. His final goal is to find solutions to reduce the negative impact of these diseases to the tilapia aquaculture industry.

Dr. Albert Girons
DVM, MSc, fish health consultant and co-founder @ Ictiovet, Spain

Graduated as a Veterinarian in Barcelona's Vet School (UAB), obtained MSc in Aquatic Veterinary Studies at the University of Stirling (Scotland), worked as a Fish veterinarian in Ireland (Vet-Aqua Intt) and Spain (Barcelona Vet School). Independent fish veterinarian and fish health consultant and co-founder of ICTIOVET, offering diagnostic services and veterinary consultancy in aquaculture, since 2012.

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Hot topics at the booth

White faeces syndrome (WFS) has become a serious threat to the Asian shrimp farming industry for the past decade. WFS causes significant losses for farmers due to stunted growth and high mortality rates. The disease causes necrosis of digestive cells and exfoliation of epithelial cells from the hepatopancreas tubules, resulting in floating white faeces. White faeces have also been associated with outbreaks of diseases such as AHPND / EMS, EHP, and Vibrosis. Preventive actions such as the use of phytobiotics and probiotics, monitoring gut and hepatopancreas conditions are needed to reduce the potential for outbreaks. We support our health solutions with field expertise and assist the shrimp industry by providing optimized strategies to prevent WFS or reduce the impact from outbreaks on productivity at the farm.

Martha Mamora, Farm Application Manager Aquaculture, APAC, ISC @Adisseo

Infectious and parasitic diseases are major constraints in the fish farming industry. Acute and chronic outbreaks cause direct losses affecting the harvested biomass in both quantitative terms as well as fish quality. Adisseo provides in-feed solutions to prevent and reduce the impact of these outbreaks on productivity in fish farming. We optimize disease prevention strategies, making use of a diversity of natural bioactive compounds and mode of actions.

Maria Mercè Isern-Subich, Global Product Manager Aquaculture Health @ Adisseo

Disease outbreaks are a major constraint to shrimp production around the world. Shrimp health depends to a large extent on the management practices at the farm level. Adisseo offers a range of farm solutions to improve pond water and bottom quality, gut health and shrimp immunity. The application of these solutions are tailored into customized programs to address local challenges in collaboration with local partners in farm distribution.

Goud Dhanunjaya, Regional Manager Aquaculture, ISC @Adisseo
Allen Wu, Regional Manager Aquaculture, APAC @Adisseo

There are many ways to improve feed cost efficiency.
Reducing formulation costs: whether with feed emulsifiers, attractants, digestive aids, or others, we can help you reformulate feeds to reduce fish meal inclusion and/or improve nutrient utilization, while reducing costs and maintaining performance.
Improving farm-level feed cost efficiency: today's farmers look closely at the feed cost per MT fish or shrimp rather than feed price. Our nutritional and health solutions offer significant strategies to improve farmer's production costs, with the support of our field experience. Experts from our Service Platform for Aquaculture Nutrition are available worldwide to support customers with key challenges in feed cost efficiency.

Martin Guerin, Regional Technical Manager Aquaculture, APAC-ISC @Adisseo

Aquafeed formulations have changed dramatically during the past years as a result of the market demand for more sustainable as well as cost-efficient feed. The digestion product portfolio is offering solutions that maximize the efficiency of digestive and metabolic processes in multiple aquatic species. Functional additives based on lyso-phospholipids, bile salts and synergistic combinations of digestive & metabolic enhancers demonstrate their positive effects on growth performance, digestibility & cost effectiveness.

Marleen Dehasque, Global Product Manager Aquaculture Nutrition @Adisseo