

SERVICE PLATFORM ON AQUACULTURE HEALTH

At Adisseo, we understand that aquaculture is a young and dynamic industry. The success of our customers depends on their ability to respond quickly to their daily challenges. That is why we work alongside our customers to optimize the application of our products. Our species-specific services are organized through a global service platform where field-experienced professionals from around the globe share their experiences to provide practical solutions to both aquafeed producers as well as fish and shrimp integrators.



OUR AREAS OF EXPERTISE

- Monitoring of fish & shrimp health status
- Optimization of biosecurity protocols
- Application program design and follow up
- In-feed (Feedmill) and top-coating (farm) applications
- Additive strategies to support sustainable fish and shrimp production
- Environmental management by soil and water applications
- Species covered include shrimp, marine fish, salmonids, and tropical finfish

HOW WE SUPPORT OUR CUSTOMERS

- Understanding local disease challenges
- Providing guidance for disease surveillance & monitoring
- Training on health management and field application programs for farmers
- Developing collaborative projects to identify and resolve specific disease issues
- Tailoring additive programs to minimize impact of diseases in feed performance and/or farm productivity
- Adapting preventive and corrective application to reality of every operation
- Supporting health management strategies' against infectious and parasitic diseases and its effects on farm and feed productivity

The **SERVICE PLATFORM** on **AQUACULTURE HEALTH** is supported by a team of health experts, each with their own background and specializations.

We invite you to share practical experiences with our aqua experts, so they can help to increase the productivity and profitability of your operation.



AQUACULTURE

Share Our Vision

E. lab

Analytical services

DiM
by ADISSEO

Design, Implement and Monitor liquid dosing systems

pne
by ADISSEO

Precise Nutrition Evaluation using NIR

ADISSEO
A Bluestar Company

OUR TEAM OF EXPERTS AT YOUR SERVICE



Maria Mercè Isern Subich, DVM
Global Product Manager Aquaculture Health & Farm Care, Adisseo, Spain

Maria Mercè obtained her degree in veterinary medicine at Universitat Autònoma de Barcelona back in 2002. Very soon started in Mediterranean marine offshore fish farming in different operational and technical positions. She moved to Fish Health Management in 2005, for a short time as customer support at feed mill, later back to production for almost 10 years. Since late 2015, BDM Aqua Health in Nutriad, Maria Mercè became Global Product Manager Aqua Health & Farm Care at Adisseo Business unit of Aquaculture in 2018, where she is responsible for the development and customer support of a specialized portfolio of natural health additives to promote health and productivity in farmed fish and shrimp.



Sam Ceulemans, MSc
Global Scientific & Technical Manager Aquaculture, Adisseo, Belgium

Sam Ceulemans was initiated in aquaculture during his MSc thesis on the filet pigmentation of rainbow trout during a research stay in University of Stellenbosch in South Africa. Soon after he graduated as bioengineer, he joined the Aquaculture team in 1999 as R&D manager responsible for the design and execution of the R&D program, including trial concept set up, feed formulation, feed preparation, trial follow up and reporting of the results. He worked closely with numerous international research institutes and university labs on product development in aquaculture nutrition and health. His field of work expanded to products registration, implementation of new production technologies and QC/QA protocols, technical and legal aspects of feed additives in aquaculture, and technical support for the sales team and customers.



Dr. Waldo Nuez, PhD, DVM, MSc
Lead Scientist Aquaculture, Adisseo, Spain

Waldo owns a background in aquatic nutrition and health supported by 16 years of combined academic and industry experience. Previously as an academic researcher, his interest revolved around understanding how production strategies and environmental stressors impact growth efficiency, health and product quality, and developing new feeding strategies accordingly. As Product Manager, he was responsible for product strategy, portfolio development and customer support of aqua additives. Waldo holds a PhD in Aquaculture Nutrition from University of Tasmania (Australia), a MSc in Animal Nutrition from University of Saskatchewan (Canada), and a Degree in Veterinary Medicine from University of Zaragoza (Spain). Waldo is Global R&D Manager Aquaculture and leads a team focused on developing innovative and high performing feed additives, and on demonstrating application of nutrition and health solutions in a diversity of species of fish and shrimp.



I-Tung Chen, PhD
R&D Project Manager Aquaculture Health, Adisseo, Singapore

Dr. I-Tung Chen is the Project Research Manager Aquaculture Health, and he joined Adisseo in 2020. Dr. Chen is an expert in shrimp pathology and specializes in aquatic animal immunology and metabolomics. His research focuses on host-pathogen interaction, diagnostics, and control measures related to viral and bacterial diseases in shrimp. With a doctorate in Life Science from National Taiwan University (Taiwan) and over ten years of experience in R&D, Dr. Chen is responsible for supporting the development of new products and projects, as well as improving existing solutions. He works to expand and maintain collaborations within the scientific community and build a professional network to demonstrate the effectiveness of Adisseo's innovative approaches.



Ei Lin Ooi, PhD
Regional Manager Aquaculture Asia Pacific, Adisseo, Singapore

Ei Lin graduated with a PhD in Aquatic Biosciences from Tokyo University of Fisheries, Japan, MSc in Aquatic Pathobiology from University of Stirling, Scotland, and BSc in Marine Biology from University of Guelph, Canada. Her post-doctoral research in mucosal immunology was in developing rice-based vaccines using aquatic animals as models. Ei Lin has lived in at least 6 countries and has worked with feed mills and farms in Asia-Pacific to bring the benefits of functional additives to aquaculture. She has applied her background in aquatic molecular immunology to developing and bringing science-based technologies for animal health and nutrition. She has established an aqua research facility in Vietnam, managed regional technical teams and participated in numerous research projects with scientists globally. The outcomes of some of that work have been published in international peer-reviewed journals. She has been on the Executive Committee of the Asian Fisheries Society Fish health section, and has supervised post-graduate students at several universities.



Martha Mamora, MSc
Area Manager Aquaculture Indonesia, Adisseo, Indonesia

Martha holds a master's degree (MSc in fish nutrition) and a Degree in Aquaculture Science from Bogor Agricultural University (IPB), Indonesia. She owns a background in aquaculture in aqua-feedmill and aquatic farming industries for 15+ years. Her experience starts in the aqua-feedmill industry with JAPFA Indonesia as technical involved in FeedTech, R&D, farm research, and technical support. She continued in the shrimp farming industry with CPP Indonesia, working together with the internal shrimp farming units in Lampung (CPB and Wachyuni Mandi-ra) as Technical and Research Development Manager. She also worked in certification programs both for aqua-feedmill and shrimp farming industry, and was actively involved in aqua projects with the Indonesian government, NGO, and FAO. As Farm Application Manager based in Indonesia, Martha designs and supports verification trials under production conditions. She develops and supports application programs, in lab as well as field situations, for specialty additives to improve nutrition and health in aquaculture.



Guiping Zhao, MSc
Regional Technical Manager Aquaculture, Adisseo, China

Guiping has obtained a bachelor degree in Aquaculture from the Dalian Ocean University and an MSc in Aquatic Animal Nutrition and Feed from the Ocean University of China. She has an extensive industrial experience during 10 years at Alpha Feed, one of the leading domestic aqua feedmills in China, where she has been in different positions related to QC management, feed formulation, feed evaluation and technical services. In Dec 2018, Guiping took up a new job challenge as Technical Service Manager Aquaculture in a large feed additive company in China. Guiping has ample experience in the feed formulation for a variety of Chinese aquatic species, feed ingredients, feed processing, quality control and certification, applied research and developing feeds for special customer needs. Guiping Zhao joined Adisseo's BU Aqua in 2021 as Regional Technical Manager Aquaculture for China.



Thiago Ushizima
Regional Manager Aquaculture LATAM South, Adisseo, Brazil

Thiago Ushizima has obtained his degree in Zootechnist in 2000 at São Paulo University, Brazil and MBA from FGV in 2015. Over last 20 years, managed industrial fish farms and hatcheries, developing technologies in nutrition, health, processing and production system for Brazilian species and tilapia. Has already held a position as R&D, Technical and Commercial manager in Feedmill companies, focused on intensive tilapia production. Ushizima joined Adisseo in 2020 as Aquaculture Manager Latin America, covering Brazil, Chile and Colombia.