



Partners

aquaculture
innovation
centre

Media partners



Shrimp Health & EHP Workshop

Managing Shrimp Health: Strategies for Preventing and Controlling *Hepatopancreatic microsporidiosis* caused by *Enterocytozoon hepatopenaei* (EHP)

10 - 13 July 2023

Asian Institute of Technology (AIT), and Centex Shrimp-Mahidol University, Bangkok, Thailand

This is an advanced course dealing with some of the most significant disease issues in Asian shrimp farming with dedicated laboratory sessions for hands-on practice and visit to a shrimp farm in Thailand.

The shrimp health and EHP workshop provides participants with valuable insights and practical skills to manage farmed-shrimp populations more effectively and promote health and farm productivity. The workshop focuses on various aspects of shrimp health management, with a particular emphasis on the management of *Hepatopancreatic Microsporidiosis* (HPM) caused by EHP, which is a major limiting factor in shrimp culture. This microsporidian parasite infects both the black tiger shrimp, *Penaeus monodon*, and the Pacific white leg shrimp, *Penaeus vannamei* in Asian aquaculture. EHP causes *hepatopancreatic microsporidiosis* (HPM) that slows down growth. Controlling EHP is challenging as too little is known about its environmental reservoirs and modes of transmission.



Topics covered include:

- An overview of emerging infectious diseases and disease diagnosis, prevention and control strategies
- Overview of microsporidian infections in crustaceans
- EHP: Discovery, characterization and current knowledge, and its management
- Shrimp immunity, gut microbiome, RNAi technology
- Feed additives and strategies to enhance shrimp immunity
- Best practices in shrimp farming, including water quality management, feeding regimes enhancing the immunity, probiotics and bioactive compounds for disease prevention, and environmental monitoring for disease management



Register Here

Krishna R. Salin

Aquaculture & Aquatic Resources Management (AARM)
Asian Institute of Technology (AIT), Thailand

✉ aarm@ait.ac.th 🌐 www.aitaquaculture.org

