







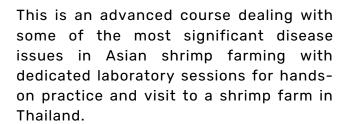


Shrimp Health & EHP Workshop

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



The shrimp health and EHP workshop provides participants with valuable insights 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 Hepatopancreatic of 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 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



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