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# 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**

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