

International Kickoff Symposium
Launching Institute for Aquaculture Biotechnology (IAB)

Challenges and Expectations in Fish Disease Research

~From Southeast Asia to Japan~

8th December 2025, 13:00~17:30 (JST)

Global virtual conference in webinar

Registration here 



With the rapid development of aquaculture in Southeast Asian countries, infectious disease control is one of the major issues to be addressed. At this International Kickoff Symposium launching the IAB at TUMSAT, invited experts from Southeast Asian countries share problem and issue about fish disease on the country or region. We further discuss how the IAB can contribute to promote sustainable aquaculture in the control.

Program

13:00	Opening address	Vice-President, Dr. Masashi Maita
◆	Activity of IAB	
13:30	Production of disease-resistant fish strain using surrogate technology	Director of IAB, Dr. Goro Yoshizaki
13:55	Current activities on fish disease control	Division Head, Dr. Ikuo Hirono
◆	Fish disease issues in Southeast Asia	
14:30	Thailand	Dr. Jumroensri Thawonsuwan (Department of Fisheries)
14:50	Malaysia	Dr. Mohammad Tamrin bin Mohamad Lal (Univ Malaysia Sabah)
15:10	Indonesia	Dr. Sukenda Darja (IPB Univ)
15:30	Vietnam	Dr. Lua T. Dang (Research Institute for Aquaculture No.1)
16:00	ASEAN (Philippines)	Dr. Leobert D. de la Peña (SEAFDEC/AQD)
16:20	International Organization	Dr. Eduardo M. Leaño (Network of Aquaculture Centres in Asia-Pacific)
16:40	General Discussion	
17:20	Closing remarks	Division Head, Dr. Ikuo Hirono

Dr. Jumroensri Thawonsuwan

Director, Songkhla Aquatic Animal Health Research and Development Center, Thailand

Dr. Jumroensri Thawonsuwan currently serves as the Director of the Songkhla Aquatic Animal Health Research and Development Center in Thailand. She earned her Ph.D. and M.Sc. in Aquatic Bioscience from Tokyo University of Marine Science and Technology and Tokyo University of Fisheries, Japan, respectively, and a B.Sc. in Biology from Prince of Songkla University, Thailand. Her expertise covers ISO/IEC 17025 Laboratory Quality Systems, molecular diagnostics for aquatic animal diseases, immunology and nutrition in fish and shrimp, and herbal immunostimulants. She is also an accredited auditor for molecular laboratories. Dr. Thawonsuwan has published more than 30 international peer-reviewed articles.



Prof. Mohammad Tamrin bin Mohamad Lal

Associate Professor, Universiti Malaysia Sabah (UMS), Malaysia

Dr. Mohammad Tamrin bin Mohamad Lal is an Associate Professor at the Borneo Marine Research Institute (BMRI), Universiti Malaysia Sabah (UMS), where he also serves as Deputy Director for Research and Innovation. He holds PhD, Master's, and Bachelor's degrees from UMS. With over a decade of experience, his expertise covers microbiology, fish diseases, and aquaculture health management. His research emphasizes innovative approaches to disease prevention, particularly using beneficial microbes, probiotics, postbiotics, and bacteriophages as sustainable alternatives to antibiotics. He has secured and led multiple research grants and published over 77 scientific papers.

Prof. Sukenda Darja

Professor, Bogor Agricultural University (IPB), Indonesia

Dr. Sukenda Darja is a professor at the Department of Aquaculture, Bogor Agricultural University (IPB), Indonesia. He obtained his undergraduate degree from IPB and his Master's and PhD in Aquatic Bioscience from the University of Tokyo. Since 2010, he has been the head of the Aquatic Organism Health Laboratory at his department. He supervises research and teaching in fish disease and health management for bachelor, master, and doctoral students. Prof. Sukenda has (co-)authored 62 Scopus-indexed journal papers and serves as an aquaculture expert for UNIDO-supported international projects.



Dr. Lua T. Dang

Director General, Research Institute for Aquaculture No.1, Vietnam

Assoc. Prof. DANG Thi Lua serves as the Director General of the Research Institute for Aquaculture No.1 (RIA1) in Vietnam. With nearly 30 years of experience, she also heads the Research Group on Aquaculture Environment Monitoring and Aquatic Animal Diseases at RIA1. She earned her Ph.D. and M.Sc. from the Tokyo University of Marine Science and Technology, Japan, and completed a postdoctoral fellowship there. Dr. Dang has directed numerous national and international research projects, authored three books on aquatic animal diseases, and published over 100 scientific papers.

Dr. Leobert D. de la Peña

Research Division Head, SEAFDEC/AQD, Philippines

Dr. Leobert D. de la Peña is the Head of the Research Division and concurrently heads the Fish Health Section at SEAFDEC/AQD, Philippines. He holds MS and PhD degrees in Fish Pathology from Hiroshima University, Japan. With over 30 years of experience in fish health management, he established the PCR-based disease diagnostic services at SEAFDEC/AQD. He has published more than 90 articles and serves as a reviewer for scientific journals. His organizational affiliations include the Philippine Society for Microbiology and the Asian Fisheries Society-Fish Health Section. He also acts as a thesis adviser, resource speaker, and provides private sector consultancy.



Dr. Eduardo M. Leaño

Director General, NACA, Thailand

Dr. Eduardo M. Leaño is currently the Director General and concurrently Senior Programme Officer of the Network of Aquaculture Centres in Asia-Pacific (NACA). He provides specialist advice on aquatic animal health matters, and assistance to countries in the Asia-Pacific region on health status assessment and institutional development. He also supports strengthening national programmes on aquatic animal health management, disease surveillance, antimicrobial use/resistance, and biosecurity. He serves as Secretary to the Asia Regional Advisory Group on Aquatic Animal Health. He has published more than 60 scientific articles and book chapters, and co-edited eight books.

Registration form

The symposium will be held in Webex.

Please register your information in advance from here!

URL: <https://forms.gle/XAmrkUUDdLADPTYR8>

Contact

Megumi Matsumoto: mmatsu0@kaiyodai.ac.jp, +81-3-5463-0404

