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## **Aquatic organism health: To vaccinate or not to vaccinate**

International Conference (hybrid event)

20 June 2024 | FAO Headquarters, Rome, Italy

The event will bring together leading experts to delve into the topic of fish vaccination and new developments regarding shrimp vaccination as a vital biosecurity strategy. Current knowledge will be reviewed, examining obstacles, and uncovering opportunities for vaccine development.

Bridging theory with actionable practice, the seminar aims to foster informed decision-making, discussing the potential of vaccination and addressing associated challenges.

Building upon the success of the [Tilapia Health webinar](#) held in December 2021 and [Tilapia health: quo vadis](#), this conference will be a continuation of impactful discussions, promising a dynamic and enriching experience for all participants.

**Register here:**

<https://forms.office.com/e/g9DzDhYsq4>

Inquiries: [Aqua-Vaccine@fao.org](mailto:Aqua-Vaccine@fao.org)

Scan the QR code  
to register



## PROGRAMME

TIME	TOPIC
<b>8:50–9:10</b>	<b>Opening Session</b> Moderator: Melba Reantaso
8:50–9:00	Short video
9:00–9:05	Welcome Remarks Audun Lem, Fisheries and Aquaculture Division (NFI), Food and Agriculture Organization of the United Nations (FAO)
9:05–9:12	Group Photo
<b>9:12–9:35</b>	<b>Plenary Presentation</b>
9:12–9:15	Speaker Introduction
9:15–9:45	Vaccines in aquaculture: enhancing health and productivity Kim Thompson, Moredun Research Institute, United Kingdom of Great Britain and Northern Ireland
<b>9:45–11:50</b>	<b>Session 1: Regional perspectives: Africa, Asia, Europe and Mediterranean, Latin America and the Caribbean</b> Moderator: Edgar Brun
9:45–9:50	Speaker Introduction
9:50–10:10	African perspective: To vaccinate or not to vaccinate Nelly Isyagi, African Union Inter-African Bureau for Animal Resources (AU-IBAR), Kenya
10:10–10:30	Asian perspective in fish vaccination Margaret Crumlish, University of Stirling, United Kingdom of Great Britain and Northern Ireland
<b>10:30–10:40</b>	<b>Coffee break</b>
10:40–11:00	Europe/Mediterranean species vaccination and the challenges for implementation Alain Le Breton, Faculty of Medicine of Toulouse, France
11:00–11:20	Latin American and Caribbean perspective Jaime Andres Tobar Rubio, University of Chile, Chile ( <b>virtual</b> )
11:20–12:30	Question and answer
<b>12:30–13:30</b>	<b>Lunch break</b>

## PROGRAMME

TIME	TOPIC
<b>13:30–17:40</b>	<b>Session 2: Fish vaccination and recent developments on shrimp vaccines</b> Moderator: Victoria Alday-Sanz
13:30–13:40	Speaker Introduction
13:40–14:00	Fish vaccination strategy in China Peng Xiao, Institute of Oceanology, Chinese Academy of Sciences (IOCAS), China
14:00–14:20	Vaccine options: autogenous versus registered vaccines Luc Grisez, PescaVax, Netherlands
14:20–14:40	Norway strategy on fish vaccination Edgar Brun, Norwegian Veterinary Institute, Norway
14:40–15:00	Fish vaccination: harnessing its potential and conquering obstacles Cedric Komar, ICTYODEV: Animal Health Laboratory, France ( <b>virtual</b> )
15:00–15:20	Oral nanovaccines: emerging technology against Aeromoniasis Indrani Karunasagar, Harshitha Mave & Biswajit Maiti, Nitte University, India
15:20–15:40	Recent developments using mRNA vaccine strategies for fish Mark Fast, University of Prince Edward Island, Canada
<b>15:40–15:50</b>	<b>Coffee break</b>
15:50–16:10	Progress on understanding the development of shrimp vaccines Kallaya Sritunyalucksana-Dangtip, National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency (NSTDA), Pathum Thani, Thailand
16:10–16:40	The cost-effectiveness of vaccination Jonathan Rushton, University of Liverpool, United Kingdom of Great Britain and Northern Ireland ( <b>virtual</b> )
16:40–17:40	Question and answer
<b>17:40–18:45</b>	<b>Plenary Discussions</b> Facilitators: Rohana Subasinghe (FAO retiree, Futurefish) and Larry Hammell (University of Prince Edward Island, WOAH)
<b>18:45–18:50</b>	<b>Closing Session</b> Audun Lem, Deputy Director, NFI, FAO