

AQUA-THAILAND

The 3rd International Conference on Sustainable Aquaculture: Aquaculture Genetics

30 - 31 August 2022

ABOUT THE CONFERENCE

Event: The 3rd International Conference on Sustainable Aquaculture (Aqua-Thailand): Aquaculture Genetics

Date: 30 – 31 August 2022

Organized by: National Center for Genetic Engineering and Biotechnology
National Science and Technology Development Agency
Ministry of Higher Education, Science, Research and Innovation

Rationale:

Aquaculture is the farming of aquatic animals. Global aquaculture production set a new record in 2018 at 114.5 million metric tons live weight, with a total commercial value of \$263.6 billion (the price of product available at the farm, excluding separately invoiced transportation or delivery costs) (FAO,2020). The total production was composed of 82.1 million tons of aquatic animals, 32.4 million tons of aquatic algae, and 26,000 tons of shells and pearls for ornamental purposes.

Aquaculture will continue to be the driving force behind growth in global fish production, continuing a decades-long trend. Aquaculture production is projected to reach 109 million metric tons in 2030, but the average annual growth rate of aquaculture is expected to slow from 4.6 percent in 2007-2018 to 2.3 percent in 2019-2030.

Despite the important role that aquaculture plays in the global economy, the industry faces various challenges ranging from lack of rapid genetic improvement for breeding programs, diseases outbreaks, and sustainable farming practices. One key strategy to overcome these challenges is to better understand the genomics and its functions.

The 3rd International Conference on Sustainable Aquaculture aims to cover a wide range of advanced research in aquatic genomics that can help addressing the challenges faced by the aquatic industry by focusing on the theme of **Aquaculture Genetics**. The conference theme encourages dialog and collaboration to share advances in aquatic genomic research, knowledge, and technology.

We invite interested professionals and researchers to present original papers and participate in the conference to respond to the theme of **Aquaculture Genetics** and link all these issues to sustainability and excellence in aquaculture production.

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Important Date:

Public Relation and Registration

12 July 2022

Launching the website

12 July – 19 August 2022

Opening online registration

How to Join Virtual Conference:

The organizers will send you URL link to attend the online conference by 22 August 2022.

CONFERENCE PROGRAM

The conference program includes invited speakers and sponsor talks for a two-day conference that runs from 13.00 to 17.00 (GMT+7 Bangkok Time) each day. The following is a draft of the conference program, which is subject to change without notice as appropriate.

DAY 1: 30 August 2022 (13.00 onwards (GMT+7 Bangkok Time))

13.20 – 13.30	Opening and session introduction
	INVITED SPEAKERS
13.30 – 14.00	Improvement of resource efficiency and profitability of fish farming by selective breeding Dr. Antti Kause Natural Resources Institute Finland (Luke), Finland
14.00 – 14.30	Optimization of an Asian seabass genetic improvement program: Genomic selection for growth performance and harvest traits Prof. Dr. Supawadee Poompuang Faculty of Fisheries, Kasetsart University, Thailand
14.30 – 15.00	Pigment genotype-by-diet interaction on growth in Atlantic salmon Dr. Panya Sae-Lim Mowi Genetics AS, Norway
15.00 – 15.30	Selective breeding – a driver for profitable and sustainable aquaculture productions Dr. Morten Rye Benchmark Genetics, Norway

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15.30 – 16.00	Topic to be announced Speaker to be announced Representative form Hendrix Genetics, The Netherlands
	GUEST PRESENTER (SPONSOR TALK)
16.00 – 16.15	Presenter and topic to be announced
16.15 – 16.30	Session wrap-up

DAY 2: 31 August 2022 (13.00 onwards (GMT+7 Bangkok Time))

13.20 – 13.30	Opening and session introduction
	INVITED SPEAKERS
13.30 – 14.00	Topic to be announced Prof. Anna Wargelius Institute of Marine Research (IMR), Norway
14.00 – 14.30	Diversity of sex determination in fish: Lesson learned for sex manipulation in aquaculture Assoc. Prof. Dr. Kornorn Srikulnath Faculty of Science, Kasetsart University, Thailand
14.30 – 15.00	Past, present and future stories in genetic improvement of commercially important penaeid shrimp in Thailand: From population genetics to genomic studies Dr. Sirawut Klinbunga National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand
15.00 – 15.30	Surrogate production of fish by germ cell transplantation Prof. Yutaka Takeuchi Kanazawa University, Japan
15.30 – 16.00	Topic to be announced Dr. Izumi (To be confirmed) Japan
	GUEST PRESENTER (SPONSOR TALK)
16.00 – 16.15	Presenter and topic to be announced
16.15 – 16.30	Session wrap-up

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SPONSOR

The organizing committee would welcome any contribution from the public and private sector towards the success of this event. Privileges offered to our sponsors can be in the form of:

Gold Sponsor: 70,000THB

- 15-min talk in the guest presentation session (must be submit the abstract of the academic talk within 31 July 2022)
- Company logo on website, backdrop, and marketing material in digital format
- Playing video of sponsoring company on website
- 1 (one) Page A4-color advertisement on website
- 1 (one) complimentary participant pass for conference

Silver Sponsor: 50,000THB

- Company logo on website, backdrop, and marketing material in digital format
- Playing video of sponsoring company on website
- 1 (one) Page A4-color advertisement on website
- 1 (one) complimentary participant pass for conference

Bronze Sponsor: 30,000THB

- Company logo in website, backdrop, and marketing material in digital format
- 1 (one) Page A4-color advertisement on website

REGISTRATION AND PAYMENT

Registration fees:

Registration Type	Registration Fee (12 July – 19 August 2022)	
	Government	Non-Government (+VAT 7%)
• Thai Participants	1,400 THB	1,498 THB
• Overseas Participants	1,600 THB	

Remarks: For Thai participants, who require the receipts issued in the name of the individual, must pay registration fee included 7% VAT.

Payment Conditions:

- 1% withholding tax has been exempted, as BIOTEC, NSTDA is a government organization.
- In case of credit card payment, please note that;
 - Debit cards and credit cards for organization are not accepted.
 - Not to press the submit button a second time for payments.
 - If you already made the payment, you would receive a payment confirmation email once the transaction is completed. This may take up to 1 week since Bangkok Bank will need to make some additional checks before accepting the payment.
- In case of wire transfer payment, the registration fee is NOT included the money transfer fee charged by the intermittent bank and recipient bank, please note that;
 - A scanned copy of the local or international transfer receipt must be indicated the exact name of the registrants and e-mail to **Aqua-Thailand Secretariat**
 - If you already made the payment, you would receive a payment confirmation email once the transaction is completed. This may take up to 2-3 week since Bangkok Bank will need to make some additional checks before accepting the payment.
- Please note that the registration is completed when payment has been processed.
- Please note that the date on the receipt will be the date that we have received the payment.

Payment Method:

1. Online credit card payment

2. Wire transfer: Please make bank transfers payable to:

Bank name:	Bangkok Bank
Bank code:	080
Saving account name:	National Science and Technology Development Agency
Account no:	080-0-00001-0
Branch name:	Thailand Science Park
Branch address:	111 Phahonyothin Road, Khlong Nueng, Khlong Luang, Pathum Thani 12120 Thailand
SWIFT code:	BKKBTHBK

Conference Secretariat:

National Center for Genetic Engineering and Biotechnology (BIOTEC)

113 Thailand Science Park, Phahonyothin Rd., Khlong Nueng

Khlong Luang, Pathum Thani 12120, Thailand

Phone: (66) 2564 6700 ext. 3379-3382

E-mail: aqua-thailand@biotec.or.th

Website: <https://www.biotec.or.th/aqua-thailand>