



Final Announcement International Conference on Fisheries Biotechnology

17-18 March 2025

Theme: Biotechnology for Alternative Protein-Cultivated Seafood & Blue Revolution



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**Organised by
ICAR-CIFE, Mumbai
and
Indian Fisheries Association, Mumbai**

ICAR-Central Institute of Fisheries Education
Panch Marg, Andheri West, Mumbai- 400061

Background

Fish Genetics and Biotechnology Division of ICAR-CIFE, Mumbai, organised the First and Second National Conferences on Fisheries Biotechnology in the past. The third conference is organised to keep the momentum intact and deliberate on the status, challenges, and new opportunities in fisheries biotechnology and future roadmaps in overall development of the fisheries sector. The conference aims to deliberate on Cultivated Seafood as an Alternative Smart Protein, Advancements in Omics Technology, Fish Genetic Improvement Programmes, Cell Culture for Nutritional and Health Management and the Biotechnological Roadmap for Blue Economy. The world is looking for alternative food sources to feed the world's population of 10 billion because of the negative externalities posed by the conventional food production system and emerging climate-related issues. Cultivated meat is an attractive supplement to conventional meat production and has grown in importance over the past decade. Cultivated seafood production through cellular aquaculture has emerged as an alternative source of smart protein and climate-resilient food production system to produce quality fish products. Biotechnological advancements and their applications are crucial for vitalising the blue revolution mission in aquaculture and fisheries. As aquaculture is gaining prominence in India, the use of advanced biotechnological tools are inevitable in this direction the present International seminar will provide a platform to academicians, researchers, students, entrepreneurs, and farmers to discuss various aspects of cultivated seafood R&D and other aspects of fisheries biotechnology and draw a road map.

About the Institute

ICAR-Central Institute of Fisheries Education (Deemed to be University), Mumbai, is India's only National Fisheries University. It is a premier institution dedicated to promoting higher fisheries education by generating high-quality human resources, conducting high-end research in both basic and applied aspects, generating appropriate technologies, and disseminating them. CIFE is ranked ninth in the agriculture and allied sector by NRF, and it is an NABL-accredited institution. The Institute has developed a state-of-the-art facility for cultivated seafood research and international collaboration, with a blend of experienced resource personnel who have been instrumental in developing National Smart Protein Innovation at ICAR-CIFE, Mumbai. Fish Genetics and Biotechnology Division (FGBD) has been playing a significant role in providing academic and research excellence for fisheries and aquaculture development as a lead national centre in the country. The research activities of FGBD span different areas of fish genetics and biotechnology, including genetic improvement, molecular genetic characterisation, DNA barcoding, cell culture/stem cell culture, cultivated seafood, fish proteomics, reproductive biotechnology, genotoxicity, bioinformatics, etc.

Travel Information

How to reach

Mumbai is well-connected by road, rail, and air. The institute is about 10 Km from the airport and 20 Km from Dadar Railway station.

Google Map Link: <https://maps.app.goo.gl/jNH3sErVFtA53D1n8>

Weather in Mumbai

The climate will be pleasant during February, and participants are advised to bring light clothing.

Sightseeing

There are many historical and religious places in around to explore. Several reliable tour operators conduct guided tours of various durations. If participants desire, the organizers will help to book the tours on a payment basis.

Technical Sessions

- ▶ Biotechnology for Development of Cultivated Seafood: Prospects & Challenges
- ▶ Advancements in Omics Technologies for High-Tech Aquaculture and Fisheries
- ▶ Biotechnological Innovations for Aquatic Food / Seafood Quality & Safety
- ▶ Advances in Fish Genetic Improvement Programme
- ▶ Advancements in Cell Culture: Nutritional & Health Management
- ▶ Farmer-Industry-Academia Interaction
- ▶ Panel Discussion

Awards

- 🏆 Young Scientist Award
- 🏆 Best Oral Presentation for each Technical Session
- 🏆 Best Poster Presentation for each Technical Session

Important Dates & Information

Category	Registration Fee
Faculty/Researcher	Rs. 3500
Accompanying Person	Rs. 2500
Student	Rs. 1500
Last date of Abstract submission	1 st March 2025
Acceptance & Communication	2 nd March 2025
Registration fee should be sent to Indian Fisheries Association, A/c: No. 10132355347, SBI Versova Branch, IFSC-SBIN0003117	

National Advisors

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Secretary, DARE and DG, ICAR

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Dr. George Ninan, Director, ICAR-CIFT, Kochi
Dr. Grinson George, Director, ICAR-CMFRI, Kochi
Dr. B. K. Behera, Chief Executive, NFDB, Hyderabad

Convenor

Dr. Mukunda Goswami
Head, Fish Genetics & Biotechnology, ICAR-CIFE, Mumbai

Organising Secretaries

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Call for Abstracts

Title of the Abstract:

Author(s) and Affiliation:

(Abstract should be written in English, Times New Roman, 12 font size, 200-250 words and should highlight the presenting and corresponding author)

The Organising Committee will screen the abstracts, and the decision will be communicated to the Corresponding author.

Category of the presentation: Oral/Poster

Willingness to publish in a peer-reviewed journal: Yes / No

At least one author should register for the Conference, and selected speakers will be invited to give the oral presentation.

Accepted Full Length Paper will be referred for publication in peer-reviewed journal.

Send the Abstract to icfb@cife.edu.in

Contact Information

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Registration Form

International Conference

on

Fisheries Biotechnology

Organised by ICAR-CIFE, Mumbai and Indian Fisheries Association, Mumbai

Name :

Designation :

Qualification :

Address :

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Mobile :

E-mail :

Current Research Area:



Please scan the QR code for
Registration

Or

[https://forms.gle/t83vramon
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Date: / /

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