

Webinar on Aquatic Animal Health

ICAR-Central Institute of Fisheries Education, Mumbai

Date : 24th November, 2020

Time: 9.00 AM to 2.00 PM

Aquaculture has been recognized as the fastest-growing food-animal production sector in the world and it accounts for 46 percent of the global fish production and 52 percent of fish for human consumption. Further, aquaculture is projected to continue as the driving force behind the growth in global fish production. However, aquatic animal diseases have been causing significant losses in aquaculture production world over leading to huge economic losses in many countries and regions. Therefore, aquatic animal diseases are considered as one of the most serious impediments to sustainable production. Rapid expansion and intensification of aquaculture along with the transboundary movement of aquatic animals for aquaculture purposes as well as for trade are some of the major factors which contribute to the rapid spread of diseases. Nevertheless, research and development in the area of aquatic animal health management have been contributing significantly to the development of management strategies to combat various diseases. However, as disease expression in aquaculture is complex, it is increasingly being realized that a holistic approach encompassing host, pathogen and environment is key to effective management of aquatic animal health. Against this background, Aquatic Environment & Health Management Division of ICAR-Central Institute of Fisheries Education under the aegis of National Agricultural Higher Education Project (NAHEP) envisages to organize a webinar to discuss some of the issues/challenges in aquatic animal health by involving scientists/researchers/industry representatives from India and overseas. The objective of the webinar is to disseminate latest knowledge in the area of aquatic animal health to students, researchers, teachers and industry participants.

ICAR-Central Institute of Fisheries Education

ICAR-Central Institute of Fisheries Education (ICAR-CIFE), Mumbai, in over 50 years of existence, has emerged as a Centre-of-Excellence in Higher Education in Fisheries Science and allied disciplines. The Institute was established on 6 June 1961, under the Ministry of Agriculture, Govt. of India with assistance from FAO/UNDP. It came under the administrative control of Indian Council of Agricultural Research (ICAR) in 1979. Considering the wide mandate involving education, research and extension and recognizing the pivotal role played by CIFE in human resources development in fisheries, the Institute was conferred the status of Deemed-to-be-University in 1989. The Institute with its core strength in quality teaching, research and training has become a brand name in fisheries higher education in India and Afro-Asian countries.



Inaugural Session

09.00 - 09.05 AM	Introduction to the Programme	Dr. K. V. Rajendran <i>Head, AEHM Division, ICAR-CIFE, Mumbai</i>
09.05 - 09.10 AM	Presidential Address	Dr. Gopal Krishna <i>Director & Vice-Chancellor, ICAR-CIFE, Mumbai</i>
9.10 – 09.15 AM	Remarks by the Guest of Honour	Prof. Iddya Karunasagar <i>Rtd. Senior Fisheries Officer (FAO of UN)</i>
9.15 – 09.30 AM	Inaugural Address by the Chief Guest	Dr. J. K. Jena <i>Deputy Director General, (Fisheries), ICAR, New Delhi</i>

Technical Session Chair: **Prof. Iddya Karunasagar** Co-Chair: **Dr. S.V. Alavandi**

Time	Title	Speaker
9.30 – 10.00 AM	Expediting Pathogen Discovery in Shrimp by Combining Histopathology and Genomics	Arun K. Dhar, Ph.D. <i>Director, Aquaculture Pathology Laboratory, The University of Arizona, U.S.A</i>
10.10 – 10.40 AM	Aquaculture Vaccines: Path from Lab to Vial	Sudheesh P. S., Ph.D. <i>Project Leader (Aqua-USA), Merck Animal Health, U.S.A.</i>
10.50 – 11.20 AM	Aquatic Animal Health within the Larger One Health Framework	C. V. Mohan, Ph.D. <i>Principal Scientist, WorldFish, Malaysia</i>
11.30 – 12.00 PM	Controls of Acute Hepatopancreatic Necrosis Disease (AHPND) through the use of Biofilm Inhibitors	Chumporn Soowannayan, Ph.D. <i>Senior Researcher, Center-of-Excellence for Shrimp Molecular Biology and Biotechnology, Mahidol University, Thailand</i>
12.10 – 12.40 PM	Indian Shrimp Aquaculture 2020: Caught Between the Pandemic and Epidemics	Y. Ravi Kumar <i>Managing Director, Vaishaki Bio-Marine Pvt. Ltd, Andhra Pradesh</i>

Panel Discussion on Topic : “Aquatic Animal Health: Issues/Challenges and Way Forward”

Panelist

12.50 – 12.55 PM	Dr. Riji John , <i>Dean (Fisheries), KUFOS, Kochi</i>
12.55 – 01.00 PM	Dr. A.S. Sahul Hameed , <i>Tata Innovation Fellow (DBT), OIE Reference Laboratory for WTD, C. Abdul Hakeem College</i>
01.00 – 01.05 PM	Dr. P. K. Sahoo , <i>PS & ICAR National Fellow, FHM Division, ICAR-CIFA, Bhubaneswar</i>
01.05 – 01.10 PM	Dr. T. J. Abraham , <i>Head, Dept. of AAH, WBUAFS, Kolkata</i>
01.10 – 01.15 PM	Dr. Gaurav Rathore , <i>Head, FHME Division, ICAR-NBFGR, Lucknow</i>
01.15 – 01.20 PM	Dr. K. Pani Prasad , <i>Principal Scientist, ICAR-CIFE, Mumbai</i>
01.20 – 01.25 PM	Dr. Uma, A. , <i>Prof. & Head, Dept. of AAHM, TNJFU, Tamil Nadu</i>
01.25 – 01.30 PM	Dr. Bijay Kumar Behera , <i>Head, AEBN Division, ICAR-CIFRI Barrackpore</i>
01.30 – 01.35 PM	Dr. N. K. Sanil , <i>Senior Scientist, MB Division, ICAR-CMFRI, Kochi</i>
01.35 – 01.40 PM	Remarks from the Co-Chair Dr. S. V. Alavandi , <i>Head, AAEM Division, ICAR-CIBA, Chennai</i>
01.40 – 01.50 PM	Remarks from the Chair Prof. Iddya Karunasagar , <i>Rtd. Senior Fisheries Officer (FAO of UN)</i>
01.50 – 02.00 PM	Vote of Thanks Dr. Gayatri Tripathi , <i>Principal Scientist, ICAR-CIFE, Mumbai</i>