CENTRAL INLAND FISHERIES RESEARCH INSTITUTE
(Indian Council of Agricultural Research)
Barrackpore, Kolkata – 700 120, West Bengal

Name	:	DR AMIYA KUMAR SAHOO
Designation	:	Scientist
Academic Background	:	Ph.D
Discipline	:	Aquaculture (Fish Pathology and Biotechnology)
Total Research Experience (year)	:	5 yrs 4 months
Research Focus	:	Environment, Fish Diseases and Hybridoma Technology
Current area of Research	:	River Ecology, Aquatic Animal Disease Surveillance

Awards & Recognitions :

- Young Scientist Award from Asian Fisheries Society (IB)
- CSIR, New Delhi-Senior Research Fellowship
- ICAR New Delhi - Junior Research Fellowship
- University Gold Medal for first position in University
- University Merit Fellowship (OUAT)

No. of Publications :

National : 6

International : 7

List of Important 10 (ten) publications :

1. S.R.Krupesha sharma, M.A Pradeep, **A.K.Sahoo**, Praveen N. Dube, N. Sadhu, K.K.Philipose and K.K.Vijayan,. 2014. Association of *Vibrio harveyi* in mortality of mangrove red snapper (*Lutjanus argentimaculatus,* Forsskål, 1775) cultured in open sea cages: a case of first record from India. (***Press: Indian Journal of Fisheries***)

2. **A K Sahoo**, P C Thakur, K M Shankar, C V Mohan, S R Krupesha Sharma and F Corsin. 2014. Histopathological findings on innate responses of white spot disease positive *Penaeus monodon* (Fabricius) under semi-intensive culture. ***Journal of Fish Diseases*.,** DOI: 10.1111/jfd.12209

3. P C Thakur, Arun Padiyar, **A.K.Sahoo**, G. Subharao, D. Ramraj. 2013. PCR based pathogen detection in Shrimp Aquaculture in India. In Biotechnologies at work for smallholders: Case studies from developing countries in crops, livestock and fisheries, **FAO, Rome**. pp. 140-149

4. Rajreddy Patil , K.M. Shankar, S.R. Krupesha Sharma, Amod Kulkarni, Prakash Patil, B.T. Naveen Kumar and **A.K. Sahoo**. 2011. Epitope analysis of white spot syndrome virus of *Penaeus monodon* by *in vivo* neutralization assay employing a panel of monoclonal antibodies*.* ***Fish & Shellfish Immunology****,* 30:1007-1013

5. Abhiman P. B., Shankar K. M., Patil Rajreddy, Suresh Babu P., **Sahoo, A.K**., and Shamasundar, B. A. 2011. Monoclonal antibody based immunodot for specific detection of proteins of the shrimp *Penaeus* species. ***Journal of Food Science and Technology****;* DOI: 10.1007/s13197-011-0554-2

6. **A.K. Sahoo**, C. V. Mohan, K. M. Shankar, F. Corsin, J. F. Turnbull, P. C. Thakur, N. V. Hao, K. L. Morgan and A. P. Padiyar., 2010. Clinical White spot disease status in *Penaeus monodon* during the middle of the culture period- its epidemiological significance, ***Journal of Fish Diseases*.,** 33: 609-615

7. S. R. Krupesha Sharma, K. M. Shankar, M. L. Satyanarayana, **A. K. Sahoo**, Rajreddy Patil, H. D. Narayanaswamy, Suguna Rao., 2010. Evaluation of immune response and resistance to disease in tiger shrimp *Penaeus monodon* fed with biofilm of *Vibrio alginolyticus.* ***Fish & Shellfish Immunology****,* 29: 724-732

8. Ganapathi, M. N., Rajesh, K.M., **Sahoo, A.K.** and Shankar, K.M. 2008. Monoclonal antibody-based detection of *Aphanomyces invadans* for surveillance and prediction of epizootic ulcerative syndrome (EUS) outbreak in fish., *In* Bondad-Reantaso, M.G., Mohan, C.V., Crumlish, M. and Subasinghe, R.P. (eds.). ***Diseases in Asian Aquaculture*** VI. Fish Health Section, Asian Fisheries Society, Manila, Philippines. pp. 157-168.

9. S. K. Krupesha Sharma P. K. Asokan and **A. K. Sahoo**., 2007 Effect of sub-lethal level of Copper and Mercury on digestive gland cells and lysozymal enzyme activity in the green mussel *Perna viridis. J. Mar. Biol. Asso. India.,* 48(2), 245-249 pp

10. **A. K. Sahoo**, Prakash Patil and K. M. Shankar, 2005. White spots? A loaded question for shrimp farmers. ***Current Science***, Vol. 88 No. 12, 1914-1917

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