

BIODATA

Dr. UDAY KUMAR

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Department of Aquaculture
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Specialization:

- Aquaculture, Developmental biology
- Biotechnology, Gene editing, transgenesis

Educational Qualifications

Degree	University/College	Year of Passing
B.F.Sc.	TANUVAS, Chennai	2012
M.Sc.	Ghent University, Belgium	2014
Ph.D.	Academica Sinica - NCHU, Taiwan	2024

Employee

Name of Post	From	To	Address
Assistant Professor (Aquaculture)	June 2024	Till date	College of Fisheries, Kishanganj (BASU, Patna)

Five Best Research Articles

1. **2024, Uday Kumar**, Chun-Yi Fang, Hsiao-Yuh Roan, Shao-Chun Hsu, Chung-Han Wang, Chen-Hui Chen*. Whole-body replacement of larval myofibers generates permanent adult myofibers in zebrafish. The EMBO Journal.
2. **2022, B. Seshagiri, Aditya Kumar, P.K. Pradhan***, Neeraj Sood, **Uday Kumar**, C. Satyavatia, Y. Sravantia, Krishna Prasoon, Arnab Ghosh, G. Kantharajan, V.S. Basheer, P.P. Chakrabarti, P.C. Das, Kuldeep K. Lal and J.K. Jena. Farming practices and farmers' perspective of a non-native fish red-bellied Pacu, *Piaractus brachypomus* (Cuvier, 1818) in India. Aquaculture
3. **2020, Neeraj Sood, Pravata K. Pradhan, Ravindra, Dev K. Verma, Manoj K. Yadav, Rupesh K. Mishra, Uday Kumar**, Thanga R. Swaminathan, Naresh K. Sood. Large-scale mortality in cultured tilapia *Oreochromis niloticus* due to infection with *Shewanella putrefaciens* in India. World Aquaculture Society.
4. **2018, Pravata K. Pradhan, Neeraj Sood, Manoj K. Yadav, Pooja Arya, Dharmendra K. Chaudhary, Uday Kumar**, Chandra Bhushan Kumar, T.R. Swaminathan, Gaurav Rathore. Effect of immunization of rohu *Labeo rohita* with inactivated germinated zoospores in providing protection against *Aphanomyces invadans*. Fish and Shellfish Immunology.

5. **2015**, Gde Sasmita Julyantoro Pande, Fatin Mohd Ikhsan Natrah, Ace Vincent Bravo Flandez, **Uday Kumar**, Yufeng Niu, Peter Bossier & Tom Defoirdt. Isolation of AHL-degrading bacteria from micro-algal cultures and their impact on algal growth and on virulence of *Vibrio campbellii* to prawn larvae. Applied Microbiology and Biotechnology.

Other Publications

- Research Papers: 06
- Popular Articles: 02
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i10 Score	H-index	Total Citation
05	06	107

Research: Nill

Membership of Professional bodies:

1. International Zebrafish Society (Valid till 30/04/2028)

Honour and Awards:

1. 2023, Outstanding Poster Award, ICOB, Academia Sinica
2. 2022, Conference Award, International Zebrafish Society (IZFS)
3. 2021, Gold Award- Microscope Image Contest, Olympus Taiwan
