

BIODATA

MS. AISHWARYA SHARMA

Assistant Professor
Discipline of Fish Genetics and Breeding
College of Fisheries, Kishanganj,
Bihar Animal Sciences University, Patna
Email: aishwaryasharma@basu.org.in;
aishwaryasharma974@gmail.com
Phone: +91 6205803094, +91 7302451655



Specialization:

- Molecular Genetics
- Fish Breeding

Educational Qualifications

Degree	University	Year
B.F.Sc.	MAFSU, Nagpur	2014
M.F.Sc.	ICAR- CIFE	2016

Employee

Name of Post	From	To	Address
Assistant Professor	March 2022		BASU, Patna

Five Best Research Articles

1. Sharma, A., Siva, C., Ali, S., Sahoo, P.K., Nath, R., Laskar, M.A. and Sarma, D., 2020. The complete mitochondrial genome of the medicinal fish, *Cyprinion semiplotum*: Insight into its structural features and phylogenetic implications. *International Journal of Biological Macromolecules*, 164, pp.939-948.
2. Dar, S.A., Kumar, S., Saini, V.P., Abhiman, Rani, S., Iqbal, G., Swain, S., Kumar, R., Keer, N.R. and Sharma, A., 2025. Quercetin as a Nutritional Intervention: Enhancing Growth, Metabolism, and Immune Gene Modulation in *Labeo rohita*. *ACS omega*, 10(42), pp.49402-49412.
3. Devaa, J.W., Sharma, A. and Uthandakalaipandian, R., 2021. Current status of rainbow trout, *Oncorhynchus mykiss* (Walbaum, 1792), Fisheries in Munnar hills of south India. *Asian Fish. Sci*, 34, pp.344-354.
4. Sharma, A., Siva, C., Laskar, M., Sumer, S. and Sahoo, P.K., 2020. The complete mitochondrial genome of the stream loach (*Schistura sikmaiensis*) and its phylogenetic implications. *J Entomol Zool Stud*, 4(10), pp.504-510.
5. Sharma, A., Ali, S., Sahoo, P.K., Nath, R., Sarma, D. and Siva, C., 2019. A synopsis of the scientific information and utilization potential of the Assamese Kingfish. *J. Entomol. Zool. Stud*, 7, pp.1463-1469.

Other Publications

- Research Papers: 05
- Review Articles: 04
- Popular Articles: 06
- Book authored: 05
- Book Chapters written: 07

BIODATA

i10 Score

1

H-index

3

Total Citation

46

Research

Ongoing Research Project

1. Development of Genetic Lines for Appearance Traits via Artificial Selection in *Colisa fasciata* (PI) ; Total Budget : 3.5 Lakhs
2. Evaluation of Herbs as a Potential Alternative for Sex Reversal in Guppy (*Poecilia reticulata*) (CO-I); Total Budget: 3.0 Lakhs

Membership of Professional bodies

1. Life member of the Indian Fisheries Association
2. Life member of the Coldwater Fisheries Society of India
3. Life member of the Society for Promotion of Farm and Companion Animals

Honour and Awards

1. Awarded with Best Oral Presentation Award during the VIIth International Conference on GRISAAS-2022 during 21-23 November 2022 at Birsa Agricultural University, Ranchi, Jharkhand, India.
2. Awarded with Outstanding Thesis Award for quality research work on “Development of kiss-10 Nanoformulation for Induced Maturation in *Catla catla* during the VIIth International Conference on GRISAAS-2022 during 21-23 November 2022 at Birsa Agricultural University, Ranchi, Jharkhand, India.
3. Awarded with Best Poster Presentation Award in the Division of Fish Biotechnology & Biochemistry, ICAR-CICFR, Bhimtal during National Symposium on Coldwater Fisheries Development in India: Innovative Approaches and Way Forward for Enhancing Hill Farmers Income, ICAR-CICFR, Bhimtal dated 24-25 September, 2019.