

DR. SUDESHNA SARKER

Assistant Professor

Aquatic Animal Health Management

Department of Aquatic Environment and Animal Health Management

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Specialization:

- Fish Health, Aquatic Animal Health, Bacterial diseases of fish, Microbiology, Fish Immunology, Molecular biology, Phytotherapy, Therapeutics, Pharmacology

Educational Qualification

Degree	University	Year of passing
B.F.Sc.	West Bengal University of Animal and Fishery Sciences (WBUAFS)	2013
M.F.Sc.	West Bengal University of Animal and Fishery Sciences (WBUAFS)	2015
Ph.D.	West Bengal University of Animal and Fishery Sciences (WBUAFS)	2021

Employee

Name of Post	From	To	Address
Assistant Professor	17.03.2022	Till date	CoF, Kishanganj, BASU, Patna
Assistant Professor	01.04.2021	16.03.2022	The Neotia University (TNU)
Young Professional II (YP-II)	01.10.2020	31.03.2021	WBUAFS, Kolkata

Five Best Research Articles

- Sarker, S.**, Abraham, T. J., Banerjee, S., Adikesavalu, H., & Patra, A. (2017). Characterization, virulence and pathology of *Flavobacterium* sp. KG3 associated with gill rot in carp, *Catla catla* (Ham.). *Aquaculture*, 468, 579-584.
- Abraham, T. J., **Sarker, S.**, Dash, G., Patra, A., & Adikesavalu, H. (2017). *Chryseobacterium* sp. PLI2 and *Aeromonas hydrophila* co-infection in pacu, *Piaractus brachypomus* (Cuvier, 1817) fries cultured in West Bengal, India. *Aquaculture*, 473, 223-227.
- Sarker, S.**, Abraham, T. J., Dash, G., & Nagesh, T. S. (2019). Pathogenicity and pathology of *Chryseobacterium* sp. PLI2 in experimentally challenged ornamental goldfish, *Carassius auratus* (L.). *Veterinarski arhiv*, 89(5), 697-707.
- Sarker, S.**, Abraham, T. J., & Patra, A. (2019). Prevalence of diseases caused by *Flavobacterium* spp. and other opportunistic bacteria in carps of sewage-fed farms in West Bengal, India. *Journal of Fisheries*, 7(1), 663-670.
- Sarker, S.**, & Abraham, T. J. (2019). Isolation, identification and pathogenicity of *Flavobacterium columnare* SGM4 in catfish *Clarias batrachus* (Linnaeus 1758). *European Journal of Biology*, 78(2), 139-146.
- Sarker, S.**, Abraham, T. J., Banerjee, S., & Adikesavalu, H. (2018). Pathology of *flavobacterium* sp. KG3 in experimentally challenged ornamental goldfish *Carassius auratus* (L.). *European Journal of Biology*, 77(2), 76-80.

Other Publications

- Research Papers: 13
- Review Articles: 03
- Popular Articles: 11
- Book Edited: 05
- Book Chapters written: 09
- Manuals: 03

i10 Score	4	H-index	5	Total Citation	122
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Research

Completed Research Project: 01

1. Study on the antiparasitic effect of green synthesized Silver nanoparticles against common ectoparasites of goldfish, *Carassius auratus* (Institutional Project-BASU, Patna) (Co-PI)

Membership of Professional bodies

1. Member of All India Agricultural Students Association (AIASA)
2. Life Member of Society for Promotion of Farm & Companion Animals (SPFCA)
3. Life membership of CoF Kishanganj Alumni Association (COFKAA)

Honour and Awards

1. **NFSC/RGNF 2017** by University Grant Commission (UGC), Government of India, New Delhi.
2. Science and Engineering Research Board (SERB), **International Travel Support (ITS)** for participating in the 5th International conference on "**FLAVOBACTERIUM 2018, Japan** (27 November, 2018 to 29 November, 2018)"
3. **“Dr. N.R. MENON Award”** for the ‘**Best Indian M.F. Sc Thesis for the year 2016**’ by Professional Fisheries Graduate Forum (PFGF), India. (Award given at 11th IFAP 2017)