

List of publications

1. **Dutta D**, (2022) Prenatal Alcohol Exposure and Foetal Alcohol Spectrum Disorder- A Brief Overview. *Journal of Advanced Zoology*, 43: 1384-1389.
2. **Dutta D**, Ghosh K (2021) Improvement of growth, nutrient utilization and haemato-immunological parameters in rohu, *Labeo rohita* (Hamilton) using *Bacillus tequilensis* (KF623287) through diets or as water additive. *Aquaculture Nutrition*, 27: 29-47 (**Impact factor: 3.781**).
3. Ghosh K, Mukherjee A, **Dutta D**, Banerjee S, Breines E M, Hareide E, Ringø E (2021) Endosymbiotic Pathogen-inhibitory Gut Bacteria in Three Indian Major Carps under Polyculture system: A Step Toward Making A Probiotics Consortium. *Aquaculture and Fisheries*, 6: 192-204.
4. **Dutta D**, Banerjee S, Mukherjee A, Ghosh K (2018) Potential Gut Adherent Probiotic Bacteria Isolated from Rohu (*Labeo rohita*) (Actinopterygii: Cypriniformes: Cyprinidae): Characterisation, Exo-Enzyme Production, Pathogen Inhibition, Cell Surface Hydrophobicity and Bio-Film Formation. *Acta Ichthyologica et Piscatoria*, 48: 221-233 (**Impact factor: 0.67**).
5. Ghosh K, Banerjee S, Moon U M, Khan H A, **Dutta D** (2017) Evaluation of Gut Associated Extracellular Enzyme-producing and Pathogen Inhibitory Microbial Community as Potential Probiotics in Nile Tilapia, *Oreochromis niloticus*. *International Journal of Aquaculture*, 7: 143-158.
6. Mukherjee A, **Dutta D**, Banerjee S, Ringø E, Breines E M, Hareide E, Chandra G, Ghosh K (2017) Culturable autochthonous gut bacteria in rohu, *Labeo rohita*. In vitro growth inhibition against pathogenic *Aeromonas* spp., stability in gut, bio-safety and identification by 16S rRNA gene sequencing. *Symbiosis*, 73:165-177 (Impact factor: **1.30**).
7. Mukherjee A, **Dutta D**, Banerjee S, Ringø E, Breines E M, Hareide E, Chandra G, Ghosh K (2016) Potential Probiotics from Indian Major Carp, *Cirrhinus mrigala*. Characterization, Pathogen Inhibitory Activity, Partial Characterization of Bacteriocin and Production of Exoenzymes. *Research in Veterinary Science*, 108: 76-84 (Impact factor: **1.298**).
8. Banerjee S, Mukherjee A, **Dutta D**, Ghosh K (2016) Non-Starch Polysaccharide Degrading Gut Bacteria in Indian Major Carps and Exotic Carps. *Jordan Journal of Biological Sciences*, 9: 69-78.
9. **Dutta D**, Banerjee S, Mukherjee A, Ghosh K (2015) Selection and Probiotic Characterization of Exoenzyme-Producing Bacteria Isolated from The Gut of *Catla Catla* (Actinopterygii: Cypriniformes: Cyprinidae). *Acta Ichthyologica et Piscatoria*, 45: 373-384 (Impact factor- **0.67**).
10. Banerjee S, Mukherjee A, **Dutta D**, Ghosh K (2015) Evaluation of Chitinolytic Gut Microbiota in Some Carps and Optimization of Culture Conditions for Chitinase Production by the Selected Bacteria. *Journal of Microbiology, Biotechnology and Food Sciences*, 5: 12-19 (Impact factor- **0.9801**).
11. **Dutta D**, Ghosh K (2015) Screening of Extracellular Enzyme-producing and Pathogen Inhibitory Gut Bacteria as Putative Probiotics in Mrigal, *Cirrhinus*

mrigala (Hamilton, 1822). ***International Journal of Fisheries and Aquatic Studies*** 2: 310–318 (Impact factor- **0.549**).

Book chapter

1. Soltani M, Ghosh K, **Dutta D**, Ringø E (2024) Prebiotics and Probiotics as Effective Immunomodulators in Aquaculture. In: Elumalai P, Soltani M, Lakshmi S (eds) ***Immunomodulators in Aquaculture and Fish Health*** (1st edn), CRC Press, Florida, USA, pp 136-168 (ISBN 978-1-032-40738-8)
2. **Dutta D**, Ghosh K (2021) Probiotics Application in Cultivable Finfishes. In: Ninawe A S, Dhanze J R, Dhanze R, Indulkar S T (eds) ***Fish Nutrition and its Relevance to Human Health*** (1st edn), CRC Press Florida, USA, pp 244-277 (ISBN 978-0-367-61982-4)
3. Chatterjee S N, **Dutta D** (2019) Simple Staining of Bacteria, Gram Staining of Bacteria, Preparation of Slant and Stab, Pure Culture, Biochemical Test for Characterization. In: Chatterjee M (ed), ***Laboratory Methodology in Undergraduate Zoology*** (1st edn), Principal, Hooghly Mohsin College, West Bengal, India, pp 109-127 (ISBN 978-93-5382-984-1).

Self Learning Material

- Acted as **Content writer** of Self Learning Material published by Directorate of Open & Distance Learning, University of Kalyani for MSc Zoology Semester III, Paper- Parasitology & Immunology and Parasites and Diseases, Semester IV, Paper- Animal Behaviour & Microbiology.