




**Peninsular Aquatic Genetic Resources Centre
ICAR-National Bureau of Fish Genetic Resources
Canal Ring Road, Lucknow - 226002, India**



Name	T. T. AJITH KUMAR	
Designation	Principal Scientist & Head	
Date of birth	08 - 07 - 1971	
Professional experience	25 years	
Qualification	M. Sc., & Ph. D., in Marine Biology	
Current area of Research	Aquaculture for conservation and livelihood	
Area of Research	Marine ornamentals	
Expertise	On farm evaluation of aquatic genetic resources for conservation and livelihood	
Awards/ Recognitions	<ul style="list-style-type: none">● Best Researcher- Annamalai University 2008 - 2009● Prof. M. Aruchami award for the contribution to aquaculture, Clownfish - Kongu Nadu Arts and Science college, Bharathiar University, Coimbatore - 2016, Tamil Nadu● Dr. M. Devaraj Memorial award for the Best Oral presentation in the International conference, <i>MECOS - 2020</i>, organized by the Marine Biological Association of India - 2020● Member - Expert committees on Invasive Alien Species and Normally Traded Commodities, National Biodiversity Authority, 2017 - 2020● Member, Steering Committee on AICOPTAX, Ministry of Environment, Forest and Climate Change, 2019 - 2021● Best Scientist, ICAR - NBFGR, 2021● Member, Standing Committee for Faculty of Marine Sciences, Annamalai University, 2020 - 2023● Member, Expert Committee (Sub group on Marine) on formulation of a new draft policy document in fisheries, Govt of Kerala, 2022	

Publications	<ul style="list-style-type: none"> ● Research Papers: 180 ● Books: 25 ● Book Chapters: 40 ● Popular articles: 45 ● Others: 1 (Compact Disc) ● New Species / New to Science: 17
--------------	--

Selected Publications

- ✚ Jose, S., Bharathi, S., Damodhar, A.T., Jayachandran, K.V., **Ajith Kumar, T.T***. and Kumar Lal, K., 2023. Reef-associated palaemonid shrimp fauna of Lakshadweep islands: special focus on Cuapetes Clark, 1919 (Decapoda; Caridea) with a description of new species and phylogenetic notes. *Marine Biology Research*, pp.1-23.
- ✚ Madhavan, M., Teena, J. T. K., **Ajith Kumar***, T. T. and Sarkar, U.K., 2023. Mating behaviour and embryonic development of the marine ornamental shrimp, *Stenopus hispidus* Olivier, 1811 in captivity. *Aquaculture*, 574, p.739655.
- ✚ Kodeeswaran, P., **Ajith Kumar, T. T***. and K. Kumar Lal. 2023. New Record of the False Pike Conger Eel, *Congrhynchus talabonoides* (Anguilliformes: Congridae) from the Arabian Sea. *Journal of Ichthyology*, 63 (2): 376- 381. DOI: 10.1134/S003294522302008X.
- ✚ Purushothaman, P., Bharathi, S., Damodhar, A. T., **Ajith Kumar, T. T***. and Lal, K. K., 2023. Morphological and molecular approaches revealed a new species of snapping shrimp genus *Alpheus* Fabricius, 1798 (Decapoda: Caridea: Alpheidae) from Lakshadweep Islands, India. *Zootaxa*, 5227 (4): 426-442.
- ✚ Marudhupandi, T., Dhayanithi, N. B., Jeyaprakashsabari, S., Deepa, S. D. and **Ajith Kumar, T. T***., 2022. Effect of lipid supplementation, using oil extracted from *Nannochloropsis salina* on growth indices and expression of gene associated lipid metabolism in clownfish, *Amphiprion ocellaris*. *Biomass Conversion and Biorefinery*, DOI: 10.1007/s13399-022-03701-9.
- ✚ Kodeeswaran, P., Dhas, D., **Ajith Kumar, T. T***. and Lal, K. K., 2022. Description of a new congrid eel, *Ariosoma albimaculata* sp. nov. (Anguilliformes: Congridae), from the southwest coast of India, Arabian Sea. *Ichthyological Research*, DOI: 10.1007/s10228-022-00882-1.
- ✚ Kodeeswaran, P., Mohapatra, A., Dhinakaran, A., **Ajith Kumar, T. T***. and Lal, K. K., 2022. A new species of the congrid eel genus *Ariosoma* (Anguilliformes: Congridae) from the south-west coast of India. *Journal of Fish Biology*, 100(3), 775-782.
- ✚ Kodeeswaran, P., Teena Jayakumar, T. K., Akash, S., **Ajith Kumar, T. T***. and Lal, K. K., 2021. A new species of Congrid eel, *Ariosoma melanospilos* sp. nov., from Indian waters with taxonomic description of *A. dolichopterum* (Congridae: Bathymyrinae). *Marine Biodiversity*, 51: 47.

- # Akash, S., Purushothaman, P., Madhavan, M., Ravi, C., Hisham, T. J., Sudhakar, M. **Ajith Kumar, T. T***. and Lal. K. K., 2020. *Urocaridella arabianensis* n. sp., a new Palaemonid shrimp (Crustacea, Decapoda, Palaemonidae) from Lakshadweep Islands, India with taxonomic comparison on the genus *Urocaridella* Borradaile, 1915. *Zootaxa*, 4816 (1), 49-66.
- # Bharathi, S., Purushothaman, P., Akash, S., Jose, S., Madhavan, M., Dhinakaran, **Ajith Kumar, T. T***. and Lal, K. K., 2019. *Periclimenella agattii* sp. nov., a new Palaemonid shrimp (Crustacea, Decapoda, Palaemonidae) from Lakshadweep Islands, India. *Zootaxa*, 4706 (3), 483-493.
- # Prakash, S., **Ajith Kumar, T. T.**, Raghavan, R., Rhyne, A., Tlusty, M. F. and T. Subramoniam. 2017. Marine aquarium trade in India: Challenges and opportunity for conservation and policy. *Marine Policy*, 77: 120-129.
- # Marudhupandi, T., **Ajith Kumar, T. T.**, Prakash, S., Balamurugan, J. and Dhayanithi, N. B., 2017. *Vibrio parahaemolyticus* a causative bacterium for tail rot disease in ornamental fish, *Amphiprion sebae*. *Aquaculture reports*, 8: 39-44.
- # Balamurugan, J., **Ajith Kumar, T.T.**, Prakash, S., Meenakumari, B., Balasundaram, C., Harikrishnan, R., 2016. Clove extract: A potential source for stress free transport of fish, *Aquaculture*, 454: 171-175.
- # Prakash, S., **Ajith Kumar, T. T.**, Bauer, R., Thiel, M. and Subramoniam, T., 2016. Reproductive morphology and mating behavior in the coral reef shrimp *Rhynchocinetes durbanensis* Gordon, 1936 (Decapoda: Caridea: Rhynchocinetidae) in India. *Journal of Marine Biological Association, UK*, 96(6): 1331-1440.
- # Dhayanithi, N. B., **Ajith Kumar, T.T.**, Arockiaraj J., Balasundaram, C., Harikrishnan, R., 2015. Dietary supplementation of *Avicennia marina* extract on immune protection and disease resistance in *Amphiprion sebae* against *Vibrio alginolyticus*. *Fish and Shellfish Immunology*. 45(1):52-58.
- # Dhayanithi, N.B., **Ajith Kumar, T.T.**, Arockiaraj, J., Balasundaram, C., Harikrishnan, R., 2015. Immune protection of *Rhizophora apiculata* in clownfish against *Vibrio alginolyticus*, *Aquaculture*, 446: 1-6 (doi.org/10.1016/j. aquaculture.2015.04.013).
- # Dhaneesh, K.V., Noushad K. M. and **Ajith Kumar T. T.** 2012. Nutritional evaluation of commercially important fish species of Lakshadweep Archipelago, India. *Plos One*. 7 (9): e45439, 1-7.
- # Dhaneesh, K. V., Gopi, M., Ganeshamurthy, R., **Ajith Kumar, T. T.** and Balasubramanian, T., 2012. Bio - accumulation of metals on reef associated organisms of Lakshadweep Archipelago. *Food Chemistry*. 131: 985 - 991.
- # **Ajith Kumar T.T***. and T. Balasubramanian., 2009. Broodstock development, spawning and larval rearing of the false clown fish, *Amphiprion ocellaris* in captivity using estuarine water. *Curr. Sci.* 97 (10): 1483 - 1486.

*Corresponding author

