**Individual Bio Data**




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## Research Publications


1. **Subash, P**., Uma, A., Ahilan, B., 2022. Early responses in *Penaeus vannamei* during experimental infection with *Enterocytozoon hepatopenaei* (EHP) spores by injection and oral routes. *J I nvertebr Pathol* 190, 107740. https://doi.org/10.1016/J.JIP.2022.107740
2. **Subash, P**., Chrisolite, B., Sivasankar, P., Rosalind George, M., Vijay Amirtharaj, K.S., Padmavathy, P., Rani, V., Sankar Sri Balaje, R., Gowtham, S., Mageshkumar, P., 2023a. White feces syndrome in *Penaeus vannamei* is potentially an *Enterocytozoon hepatopenaei* (EHP) associated pathobiome origin of *Vibrio* spp. *J Invertebr Pathol* 198, 107932. https://doi.org/10.1016/J.JIP.2023.107932
3. **Subash, P**., Uma, A., Ahilan, B., Kannan, S.S., 2023b. In vivo and in silico investigations on the efficacy of albendazole against *Enterocytozoon hepatopenaei* (EHP) infecting *Penaeus vannamei*. *Aquaculture* 575, 739801. https://doi.org/10.1016/J.AQUACULTURE.2023.739801
4. **Palaniappan, S**., Bagthasingh, C., Panchavarnam, S., Mulloorpeedikayil, R.G., Loganathan, S., Thirumal, I., Muthumariappan, S., M, M.M., Paulraj, M.K., Pandurengan, P., Velu, R., Ks, V.A., 2024. Etiological factors driving white feces syndrome in farmed Pacific whiteleg shrimp, *Penaeus vannamei* in Tamil Nadu, India. *Aquaculture International* 1–25. https://doi.org/10.1007/S10499-024-01401-X/FIGURES/11
5. Periyannan, K., Panchavarnam, S., Bagthasingh, C., **Palaniappan, S**., Michael, P., Palraj, M., ... & Muthumariyapan, S. (2025). Protective and haemato-immunological effect of seaweed crude extracts against Tilapia Lake Virus (TiLV) in Nile tilapia,

Oreochromis niloticus. *Aquaculture International*, *33*(1), 122.

6. Uma, A., **Subash, P**., & Praveenraj, J. (2025). Morphology and Phylogenetic Analysis of Henneguya sp. Infecting the Orange-Spotted Snakehead (*Channa Aurantimaculata*) from Tamil Nadu, India. *Acta Parasitologica*, *70*(1), 13.
7. Keerthika, K., Padmavathy, P., Rani, V., Jeyashakila, R., Aanand, S., Kutty, R., Arisekar, U., Tamilselvan, R., **Subash, P**., 2023a. Ingestion of microplastics in commercially important species along Thoothukudi coast, south east India. *Environ Monit Assess* 195. https://doi.org/10.1007/S10661-023-11049-4
8. Keerthika, K., Padmavathy, P., Rani, V., Jeyashakila, R., Aanand, S., Kutty, R., Tamilselvan, R., **Subash, P**., 2023b. Microplastics accumulation in pelagic and benthic species along the Thoothukudi coast, South Tamil Nadu, India. *Mar Pollut Bull* 189, 114735. https://doi.org/10.1016/J.MARPOLBUL.2023.114735
9. Arumugam, U., Sudarsanan, G.B., Karuppannan, A.K., **Palaniappan, S**., 2023. Metagenomic Studies Reveal the Evidence of *Akkermansia muciniphila* and Other Probiotic Bacteria in the Gut of Healthy and *Enterocytozoon hepatopenaei* (EHP)-Infected Farmed *Penaeus vannamei*. *Probiotics Antimicrob Proteins*. https://doi.org/10.1007/S12602-023-10165-4
10. Narsale, S.A., Chrisolite, B., Sivasankar, P., **Subash, P**., Mansoor, M., Selvamagheswaran, M., Debbarma, S., P, M.K., Baidya, S., Kadam, R., 2023. Isolation, characterization, virulence genes, antimicrobial resistant genes, and antibiotic susceptibility pattern of *Vibrio parahaemolyticus* in relation to AHPND from shrimp farms in coastal districts of Tamil Nadu. *Aquaculture International* 1–17. https://doi.org/10.1007/S10499-023-01353-8/FIGURES/4
11. Michael, P., Panchavarnam, S., Bagthasingh, C., **Palaniappan, S**., Velu, R., Mohaideenpitchai, M.M., Palraj, M., Muthumariyapan, S. and David, E.P., 2024. Innate immune response of snakehead fish to Indian strain of snakehead rhabdovirus (SHRV-In) infection and the infectivity potential of the virus to other freshwater fishes. *Fish & Shellfish Immunology*, *149*, p.109577.
12. Iyyappan, T., Santhakumar, R., Oli, G. A., Padmavathy, P., Athithan, **S., Subash, P**., & Ramkumar, S. (2024). Assessment of Knowledge, Attitudes, and Constraints among Ornamental Fish Entrepreneurs along the Tamil Nadu Coast: A Market-Oriented Approach. *Journal of Coastal Research*, *40*(6), 1189-1200.