Individual Biodata

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Qualification	: M.F.Sc., M.Phil., Ph.D.,
Field of Specialization	: Fisheries Biotechnology
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Experience (in years)	: 18 Years in TNJFU 4 Years in MS University,Tirunelveli 1 year & 9 Months as SRF, FCRI, Thoothukudi 2 years in Private (Fisheries) Industries.

Research publications :

i) **J.Jaculine Pereira**., S.A. Shanmugam, Mazher Sulthana and V. Sundararaj (2009). Effect of vaccination on Vibriosis resistance of Fenneropenaeus indicus. Journal of Veterinary and Animal Sciences. Vol.5(6): 246-250.

ii) **J.Jaculine Pereira**., S.A. Shanmugam, R.Jayashakila and V. Sundararaj (2010). Efficacy of vaccination against *Vibrio harveyi* in Penaeus monodon postlarvae. The Indian Veterinary Journal. Vol.87(9): 856-858.

iii) **J.Jaculine Pereira**., S.Balasundari, D.Manikandavelu and Mazher Saulthana (2011). Effect of vaccination on cultured penaeid shrimp juveniles against *Vibrio harveyi*. Aquacult . Vol.12(2): 277-280.

iv) **J.Jaculine Pereira**., S.A. Shanmugam, S.Balasundari, D.Manikandavelu and Mazher Sulthana (2011). Vibrio vaccine for Tiger shrimp juveniles Penaeus monodon aganist *Vibrio harveyi*. Journal of Nature Conservation. Vol.23(2):197-201

v) **J.Jaculine Pereira**., S.Balasundari, D.Manikandavelu and Mazher Sulthana(2011). Development of Vibrio vaccine for Indian white shrimp juvenile. *Fenneropenaeus indicus* against *Vibrio harveyi*. Journal of Nature Conservation.Vol.23(2) 163-167

vi) **J.Jaculine Pereira**., R.Jeya Shakila, B. Ahilan, K.Karal Marx and C.B.T. Rajagopalasamy **(2014)** DNA barcode of Tropical loach *Lepidocephalus thermalis* (Valenciennes) of Tirunelveli District (Tamil Nadu). International Research Journal of Natural and Applied Sciences. Vol.1, 165- 177.

vii) Jaculine Pereira. J, B. Ahilan, K. Karal Marx, R.Jeya Shalkila and CBT. Rajagopalasamy (2014) DNA barcode of Indian loach, *Lepidocephalus thermalis* (Valenciennes) of Tamil Nadu. *J.Aqua Trop Vol.29(3-4)* 61-69

viii) Jaculine Pereira. J, B. Ahilan, K. Karal Marx, R.Jeya Shalkila and CBT. Rajagopalasamy 2016 Generation of DNA barcode data base for Gunther's loach, *Nemacheilus guentheri* (Day 1867) *J.Aqua Trop Vol.31(1-2) PP. 1 – 12*

ix) Jaculine Pereira. J, B. Ahilan, K. Karal Marx, R.Jeya Shalkila and Kiruthiga Lakshmi D 2016, *Guendhari loach fish* DNA barcode production. ISBN 978 – 93 -84234 – 60 – 7

x) Jaculine Pereira.J , B. Ahilan, K. Karal Marx, R. Jeya Shakila and C.B.T. Rajagopalsamy 2017 DNA barcode data base generation for Dotted Loach, *Nemacheilus semiarmatus* (Day 1867) *J.Aqua.Trop Vol.32 pp.115 - 125*

GenBank Submission: (First author-17 DNA sequences) and Co-author-16 DNA sequences)

Jaculine Pereira, J., Karl Marx, K., Ahilan, B., Jeya Shakila,R., Rajagopalsamy,C.B.T. and Devivaraprasad Reddy, A 2015 , *DNA Barcoding of Western Ghats loaches : cytochrome oxidase subunit 1 (COI). (*bases *1 to 514).17 DNA Sequences (Accession no.s : KP823397, KP823398, KP823399, KP823400, KP823401, KP823402, KP772689, KP772690, KP772691, KP772692, KP772693, KP772694, KP772695, KP744350, KP744351, KP744352* and *KP744353).*

Honours and Awards: 1) ICAR JRF Award
2) TANUVAS Award – Puratchi thalaivi Dr. J.Jayalalitha endownment (Including patents)

As Co-PI in Current Projects

1. University Revolving Fund Scheme on "Upgradation of Ornamental Fish Rearing & Breeding Unit for Revenue Generation

As Co-PI in Completed Projects

2. Climate changes and their role in the emergence of antibiotic resistant *Salmonella* in farmed shrimp and its environment (ICAR-NICRA) (Rs.34.75 lakh from 01.01.2022 to 31.12.2024)-R&D project