



Name : Dr. T. Citarasu

Designation : Assistant Professor

Department/Centre: Centre for Marine Science and Technology
Rajakkamangalam
Kanyakumari District 629502
Telefax: +91-4652-253078
Mobile: +91-9994273822
E.mail : citarasu@gmail.com
citarasu@msuniv.ac.in

Educational Qualifications:

Ph.D: Marine Biotechnology (1995- 2000): Centre for Marine Science and Technology, Manonmaniam Sundaranar University.

M.Phil: Coastal Aquaculture (1993-1994) : Manonmaniam Sundaranar University.

M.Sc: Zoology (1991-1993): ANJA College, Sivakasi, Madurai Kamaraj University, India.

B.Sc: Zoology (1987-1990): NMSSVN College, Madurai Kamaraj University, Madurai, India.

Academic Affiliation:

2000-2003: Research Associate, Centre for Biotechnology, Anna University, Chennai, India.

2004-2005: Research Associate, Aquaculture Foundation of India, Chennai, India.

2005-2006: Post doctoral fellow, Fish Developmental Genetics & Cell Engineering, State Key Laboratory of Freshwater Ecology & Biotechnology, Institute for Hydrobiology, Chinese Academy of Sciences, Wuhan, China.

2006-2007: Young Scientist, CMST, Manonmaniam Sundaranar University

2008 to : **Assistant Professor**, Centre for Marine Science and Technology, Manonmaniam Sundaranar University.

Research Guidance:

Ph. D: 12 (ongoing); **M. Phil:** 30; **M. Sc:** 19

Research Projects:

1. DST-SERC Young Scientist Scheme (Finished)
2. UGC Major Project (ongoing)

Conferences / Invited talk:

Paper presented : 21

Participated : 07

Invited Talk : 01

Professional Affiliation:

Members in Professional bodies:

Member- M. Phil & M.Sc Marine Biotechnology and Microbiology board of studies in M.S University; Asian Fisheries Society, Philippines; CLSI, USA. Examiner- M. Phil and M. Sc examiner for Biotechnology in M. K University, Periyar University and Alagappa University.

Peer Reviewer of Journals:

Academic journals, South Africa; Aquaculture; Aquaculture International; Aquaculture Nutrition; Aquaculture Research; Fish and Shellfish Immunology; Bio resource Technology; Marine Genomics; Prouis Science

Academic Collaboration:

Chinese academy of Sciences, China; Centre for Biotechnology, Anna University, School of Biological Sciences, Madurai Kamaraj University,

Training and Consultancy:**Training undergone:**

1. ICAR sponsored Winter School on Genome and Protein-based Techniques in Aquatic Animal Health Management at Central Institute of Fisheries Education, Mumbai during 2-21 February, 2009.
2. EMBO World Practical Course on DNA Microarray Analysis and Applications” dated on 16 to 20 August 2009 at CMST, Rajakkamangalam.
3. Theoretical and practical course “Gemini virus Genome and its Impact on RNAi” at ICGEB, New Delhi dated on 9 to 21 November 2009

Conference organized : 03

Abroad Visit : Chinese academy of sciences, China; NARA, Sri Lanka

Area of Research:

Herbal drug discovery; Bacterial and viral pathogenesis; Vaccine & Adjuvant; Edible antibody and Extremophiles

Publications:**1. No of Research Papers Published in Refereed Journals: 19**

1. Subramanian Velmurugan, Stanly Mary Josephine Punitha, Mariavincent Michael Babu, Thangasamy Selvaraj, **Thavasimuthu Citarasu**, 2010. Select of Indian antibacterial medicine characteristics herbal to replace antibiotics for shrimp *Penaeus monodon* post larvae, *Journal of Applied Aquaculture* 22: ISS 3 [Impact Factor:-]
2. **Thavasimuthu Citarasu**, Herbal Biomedicines- A New Opportunity to Aquaculture Industry, 2010, *Aquaculture International* , 18: 403–414 [Impact Factor: 0.753]
3. Punitha , S. M. J., M. M. Babu, V. Sivaram , V. S. Shankar, S.A. Dhas, T. C. Mahesh, G. Immanuel and **T. Citarasu**, 2007, Immunostimulating influence of Herbal Biomedicines on non-specific immunity in Grouper *Epinephelus tauvina* Juvenile Against *Vibrio harveyi* Infection, *Aquaculture International*, *Aquacult Int* (2008) 16:511–523 [Impact Factor: 0.753]
4. **Citarasu, T.**, V. Sivaram , G. Immanuel, N. Rout and V.Murugan, 2006, Influence of selected Indian immunostimulant herbs against white spot syndrome virus (WSSV) infection in black tiger shrimp, *Penaeus monodon* with reference to haematological, biochemical and immunological changes, *Fish and Shellfish Immunology*, 21:372-384. [Impact Factor :3.16]
5. Namita , R., **T. Citarasu**, R. Ravindren and V. Murugan , 2004, Transcriptional and translational expression profile of a WSSV gene in different organs of infected shrimp, *Aquaculture* 245: 31– 38 [Impact Factor:1.8].

II. Books and Monographs:

1. Rajajeya sekar, R, P. Vijayakumar., **T. Citarasu** and S. M. J. Punitha, 2008, Text Book of Environmental studies, Sadana publication, Nagercoil (In English).
2. Rajajeya sekar, R, P. Vijayakumar., **T. Citarasu** and S. M. J. Punitha, 2008, Text Book of Environmental studies, Sadana publication, Nagercoil (In Tamil).

III. Chapters in Books

Thavasimuthu Citrasu, Natural Antimicrobials In Aquaculture, In: Infectious diseases in aquaculture: prevention and control, (Ed. Brain Austin) Woodhead publishing Ltd, UK (Under processing)

Awards:

- ❖ **TWAS-CAS Postdoctoral Fellowship Award:** Fish Developmental Genetics & Cell Engineering, State Key Laboratory of Freshwater Ecology & Biotechnology, Institute for Hydrobiology, Chinese Academy of Sciences, Wuhan, China during 2005 July to 2006 June.
- ❖ **DST Young Scientist Award:** Awarded the DST-SERC Fast Track Scheme for Young Scientist, sponsored by Ministry of Science and Technology, Govt of India on 2006.

Declaration

I hereby declare that the information provided by is true to the best of my knowledge.

(Head of Department)

(Signature of the Faculty)