

CURRICULAM VITAE

Dr. Vinu S Siva

Scientist C

Centre for Climate Change Studies,
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Educational Qualifications

- Ph.D., Marine Biotechnology, Institute of Oceanology, Graduate University of Chinese Academy of Sciences, China. (Aug, 2009 – May, 2012)
- Master of Science Degree in Environmental Biotechnology, Manonmaniam Sundaranar University, Thirunelveli, India. (June 2001 - April, 2003)
- Bachelor of Science Degree in Biochemistry, Manonmaniam Sundaranar University, Thirunelveli, India. (May, 1999 - April, 2001)

Dissertations

1. Title of PhD Thesis “Association between the polymorphism of immune genes and disease susceptible/resistance of scallop”.
2. Title of Master thesis titled, “Analysis of intraspecific natural variants *Kingiodendron pinnatum* [Roxb Dc. Ex] Harms by molecular markers and leaf anatomy”

Employment details

Current position

December 2015 to till date

- **Scientist – ‘C’** at Centre for Climate Change Studies, Sathyabama University,

Chennai, Tamilnadu

Past positions

May, 2014 – October 2015

- **Bio-security Supervisor** in Saudi Fisheries Company, Assir, Kingdom of Saudi Arabia

August 2012 – July 2013

- **Post Doctoral Researcher** at Department of Zoology, National Taiwan University, Taiwan

November 2003 – August 2009

- **Senior Technician** in Research and Development, CP Aquaculture India Private Limited, Chennai

Projects:

Sl. No.	Project title	Funding agency	Amount & Status
1.	Screening of differentially expressed genes in larvae of <i>Macrobrachium rosenbergii</i> under abiotic stress"	DST-SERB	22,76,000 Ongoing

Publications:

- Siva, Vinu S., Lingling Wang, Limei Qiu, Zhi Zhou, Chao Liu, Jialong Yang, Chuanyan Yang, and Linsheng Song. Polymorphism in a serine protease inhibitor gene and its association with the resistance of Bay Scallop (*Argopecten irradians*) to *Listonella anguillarum* challenge (**Impact factor: 3.02**) (09/2016;30;59:1-8) DOI:10.1016/j.fsi.2016.09.056
- Chun-Hung Wu, **Vinu S Siva**, Yen-Ling Song, An evolutionarily ancient NO synthase (NOS) in shrimp, **Fish and Shellfish Immunology**. (**Impact factor: 3.32**). 08/2013, DOI:10.1016/j.fsi.2013.08.016
- Yun-Tsan Chang, Chung-Yung Lin, Che-Yiang Tsai, **Vinu S Siva**, Chia-Ying Chu, Huai-Jen Tsai, Yen-Ling Song, The new face of the old molecules: crustin

- Pm4 and ranglutaminase type I serving as RNPs down-regulate astakinemediated hematopoiesis, **PLoS One**. (Impact factor: 4.09). 01/2013;8(8):e72793. DOI:10.1371/journal.pone.0072793
- Yang Gao, Huan Zhang, Qiang Gao, Lingling Wang, Fuching Zhang, **Vinu S Siva**, Zhi Zhou, Linsheng Song, Shicui Zhang. Transcriptome analysis of artificial Hybrid pufferfish jiyang-1 and its parental species: implications for pufferfish heterosis, **PLoS One**. (Impact factor: 4.09). 01/2013; 8(3):e58453.
 - **Vinu S Siva**, Chuanyan Yang, Jialong Yang, Lingling Wang, Leilei Wang, Zhi Zhou, Limei Qiu , Linsheng Song. Association of *CfLGBP* gene polymorphism with disease susceptibility/ resistance of Zhikong scallop (*Chlamys farreri*) to *Listonella anguillarum*. **Fish and shellfish immunology**. (Impact factor: 3.32).03/2012; 32(6):1117-23.
 - **Vinu S Siva**, Chuanyan Yang, Jialong Yang, Lingling Wang, Leilei Wang, Zhi Zhou, Limei Qiu , Linsheng Song. Association between the polymorphism of *CfPGRPS1* gene and disease susceptibility/resistance of Zhikong scallop (*Chlamys farreri*) to *Listonella anguillarum* Challenge. **Fish and shellfish immunology**. (Impact factor: 3.32). 07/2012; 33(4):736-42.
 - Chuanyan Yang, Lingling Wang, **Vinu S Siva**, Xiaowei Shi, Qiufen Jiang, Jingjing Wang, Huan Zhang and Linsheng Song. A Novel Cold-Regulated Cold Shock Domain Containing Protein from Scallop *Chlamys farreri* with Nucleic Acid-Binding Activity. **PLoS One**. (Impact factor: 4.09). 01/2012;7(2):e32012.
 - Leilei Wang, Lingling Wang, Huan Zhang, Zhi Zhou, **Vinu S Siva**, Linsheng Song. A C1q domain containing protein from scallop *Chlamys farreri* serving as pattern recognition receptor with heat-aggregated IgG binding activity. **PLoS One**. (Impact factor: 4.09). 01/2012; 7(8):e43289.

- Yang C, Zhang L, Wang L, Zhang H, Qiu L, **Vinu S. Siva**, Linsheng Song. The Gln32Lys Polymorphism in HSP22 of Zhikong Scallop *Chlamys farreri* is Associated with Heat Tolerance. **PLoS One**. (**Impact factor: 4.09**). 01/2011;6(12):e28564.
- Jianguo Su, Limei Qiu, Ling li, Lin Liu, Lingling Wang, **Vinu S. Siva**, Dahui Yu, Linsheng Song. cDNA cloning and characterization of a new member of the tumor necrosis factor receptor family gene from scallop, *Chlamys farreri*. **Molecular biology reports**, (**Impact factor: 2.93**). 12/2010; 38(7):4483-90.
- Liu L, Yang J, Qiu L, Wang L, Zhang H, Wang M, **Vinu SS**, Song L. A novel scavenger receptor-cysteine-rich (SRCR) domain containing scavenger receptor identified from mollusk mediated PAMP recognition and binding. 2011. **Dev. Comp. Immunol.** (**Impact factor: 2.7**) 02/2011; 35(2):227-39.
- Fengmei Li, Xuemei Gai, Lingling Wang, Linsheng Song, Huan Zhang, Limei Qiu, Mengqiang Wang and **Vinu S Siva**. Identification and characterization of a Cystatin gene from Chinese mitten crab *Eriocheir sinensis*. **Fish and Shellfish Immunology**. (**Impact factor: 3.32**). 09/2010; 29(3):521-9.

Participations and Papers presented in scientific conferences

- Participated in the seminar on Biotrends 2016 “National Conference on Recent Trends in Biotechnology & Annual Meet of The Society for Biotechnologist (India) 19-21 Oct, 2016 organized by the National Institute of Ocean Technology & Society for Biotechnologists (India)
- Participated in the 2 days (23-24 August, 2016) seminar on ACCRRI’16 “Reflect and Restore Tempo of *vennamei* shrimp farming in India organized by Fisheries college and research institute, Tamil Nadu Fisheries University & World Aquaculture society –Asia Pacific Chapter.
- “**Vinu S Siva**, Chuanyan Yang, Jialong Yang, Lingling Wang, Leilei Wang,

Zhi Zhou, Limei Qiu , Linsheng Song, Single nucleotide polymorphisms of *CfPGRP-S1*, *CfLGBP* gene and association with disease resistance to *Listonella anguillarum* infection” at a Fifteenth National symposium on shellfish aquaculture at Guangzhou, China, 2011 (presented the paper)

- “Chuanyan Yang, Lingling Wang, **Vinu S siva**, Xiaowei Shi, Linsheng Song, A Novel Cold-Regulated Cold Shock Domain Containing Protein from Scallop *Chlamys farreri* with Nucleic Acid-Binding Activity” at a Fifteenth National symposium on shellfish aquaculture at Guangzhou, China, 2011.
- Participated in the seventh international crustacean congress. June 20 -25, 2010, Qingdao, China.
- Participated **DAE-BRNS** National Symposium on Thermal Ecology at Manonmaniam Sundaranar University, Thirunelveli on 1st and 2nd Feb 2002
- Participated in the workshop on Environmental law and people at SPK Centre for Environmental sciences, Alwarkurichi, 2002
- Participated in the 1st workshop on Siddha medicine at SPK Centre for Environmental sciences, Alwarkurichi, 2002
- Participated in a State level seminar on Ethics of Biotechnology at SPKCS, Alwarkurichi, 2002.

Training programs participated

- International Training Program about Probiotic culture practices in CP Aquaculture Pvt Limited, Trat, Thailand from 6 March - 16 March, 2007.

Awards/Honours

- Chinese Academy of sciences (CAS) Phd Fellowship (2009-2012)
- National Taiwan University Post Doctoral Fellowship (Aug, 2012- July 2013)

Area of research interest

Invertebrate Immunology, Molecular markers, Climate change studies, Phylogeography, Population genetics, Protein studies, Gene expression studies, Molecular biology.

Personal details:

Date of Birth - 15 – 04 -1981

Nationality – Indian

Marital Status – Married

Languages known – Tamil, English, Malayalam (Spoken), Chinese (Spoken)

Interests and activities - Reading, Music, Movies, Table tennis, History, Culture and learning language

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References:

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