


BIOSKETCH			
BASKARALINGAM VASEEHARAN Professor and Head Department of Animal Health and Management Alagappa University, Science Block, 6 th Floor, Burma Colony, Karaikudi-630 004 Tamilnadu, India Email/ web: vaseeharanb@gmail.com vaseeharanb@alagappauniversity.ac.in http://alagappauniversity.ac.in/departments/faculty_details.php?dept_id=24 http://www.researchgate.net/profile/Baskaralingam_Vaseeharan/ https://scholar.google.co.in/citations?user=Y4pXGNkAAAAJ&hl=en			
		<u>CITATION REPORT</u> (GOOGLE SCHOLAR CITATION) <u>Publications</u> Results Found :- 209 Sum of the times cited :- 6333 h- index :- 42	
EDUCATION			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of Madras, Chennai, India	Ph. D	2002	Zoology (Specialization-Bio-technology)
Scott Christian College, Manonmaniam Sundaranar University, Tirunelveli, India.	M. Phil	1993-1994	Zoology (Optional Subject -Fisheries Biology)
Scott Christian College, Manonmaniam Sundaranar University, Tirunelveli, India	M.Sc	1990-1992	Zoology
Madurai Kamaraj University, Madurai, India.	B. Ed	1992-1993	Biology and Education
Sivandhi Adhithanar College, Madurai Kamaraj University, Madurai, India.	B. Sc	1987-1990	Zoology (Optional Subject- Aquaculture)

ABSTRACT

Dr. B. Vaseeharan, born in Sharakkalvilai, Kanayakumari district of Tamil Nadu, India, finished the schooling at the Government of Tamil Nadu, passing out with first class. He has been in to research since 1992 and from there on he never looked back in his career as research achieving milestones year after year. His areas of expertise include Aquatic Animal Health Biotechnology, Crustacean molecular biology & genomics, Molecular Biology & Immunology, Nanoscience & Technology, Crustacean Immunology- Biodefence gene function and regulation, Genetic diversity. His knowledge in the subject and fervent towards research was well appreciated by his mentors and fetched him “YOUNG SCIENTIST AWARD” – 2009 by Department of Science and Technology, India and many other awards. He is a active member of many societies. He has published his research findings in peer reviewed journals like Fish and Shelfish Immunology, Aquaculture, Molecular Immunology, Nanomedicine. Apart from India, he do continue his research activities with the collaborating Universities ie Queens University of Belfast, UK, National Taiwan Ocean University, Taiwan and Center of Excellence for Shrimp Molecular Biology and Biotechnology (CENTEX SHRIMP), Mahidol University, Thailand. His research projects were funded by UGC, DBT, DST, CSIR and INDO-UK and INDO-TAIWAN. As a researcher, his aim is to offer high quality data and credible work in scientific research. As a guide to young research scholars his aim is to provide them a good research management and outstanding research knowledge. In both these roles he continuously strives to work for a safer and better human society, because to him science is not just a research, but is much more.

CURRENT RESEARCH ACTIVITIES

Biomaterials and Biotechnology in Animal Health, Crustacean Molecular Biology and Genomics, Nano Bioscience and Nano Pharmacology.

A. ACADEMIC / ADMINISTARATIVE/ RESEARCH POSITIONS

1. 2020-till date, Registrar (i/c), Alagappa University, Karaikudi.
2. 2013 – till date, Professor & Head, Department of Animal Health & Management, Alagappa University, Karaikudi.
3. 2017 – 2020, Director, Collaborative Programme, Alagappa University, Karaikudi.
4. 2019- 2020, Director, Directorate of On-line Programme, Alagappa University, Karaikudi.
5. 2019-till date, Member, (Internal Quality Auditor) of Centre for Internal Quality Assurance (CIQA) committee in DDE, Alagappa University, Karaikudi.
6. 2017-2020, Chairman of Reconstituted Board of Studies in Animal Health and Management, Alagappa University, Karaikudi.
7. 2016 - till date, Academic staff, Anti Ragging Committee, Alagappa University, Karaikudi.
8. 2015-2019, Co-ordinator, University Business Collaboration Centre, Alagappa University, Karaikudi.
9. 2013- till date, Member of Senate, Alagappa University, Karaikudi.

10. 2017- May, Inspection Squad Member, Distance Education Examination, Alagappa University, Karaikudi
11. 2017- 2019, Co-ordinator, Waste treatment technology for sustainable and eco-friendly environment, Alagappa University, Karaikudi.
12. 2016-17, Academic Auditor, Department of Botany, Library and Information Science & Education, Alagappa University, Karaikudi.
13. 2016 – 17, Director, University Scientific Instrumentation Centre, Alagappa University, Karaikudi.
14. 2016-17, Chief Warden, Alagappa University Hostels, Alagappa University, Karaikudi.
15. 2011-13, Associate Professor & Head i/c, Department of Animal Health & Management, Alagappa University, Karaikudi.
16. 2008-11, Reader & Head, Department of Animal Health and Management, Alagappa University, Karaikudi.
17. 2010-12, Co-ordinator DDE M. Sc Zoology PCP Program, Alagappa University, Karaikudi
18. 2008-10, Member- Research Advisory Committee, Alagappa University, Karaikudi.
19. 2007-08, Senior Lecturer, School of Biotechnology, VIT University, Vellore.
20. 2001-03, Research Associate in CIBA, ICAR, Santhome High Rtd. Chennai-75, awarded by National Agriculture Technology Project (NATP), Indian Council of Agricultural Research (ICAR), New Delhi, India.
21. 1998-01, Junior Research Fellowship by Department of Biotechnology (DBT), Delhi, India.
22. 1996-98, Project assistant, awarded by Mil industries, Chennai, India
23. 1995-96, Lecturer, Sivanthi Adithanar College, Nagercoil.

B. MEMBER OF BOARD STUDIES

(i) Alagappa University

1. 2020- Observer for the Distance Education Examinations, Dec 2019 scheduled from 04.01.2020 to 25.01.2020 at Alagappa University, Karaikudi.
2. 2019- Member of Board of Studies in Zoology, DDE, Alagappa University, Karaikudi from 20.11.2019 till three years.
3. 2017- till date, Member of Reconstituted Board of Studies in Bioinformatics, Alagappa University, Karaikudi.

L. Other Institutes

1. 2020- Member of the Selection Committee, as a Subject Expert for promoting a faculty member under UGC-CAS, in Department of Environmental Biotechnology on 03.12.2020 at Bharathidasan university, Tiruchirappalli.
2. 2020- Member of the Inspection Commission to inspect, September 2020 Central Marine Fisheries Research Institute, mandapam Regional Centre, Mandapam Camp, Ramanathapuram dist on 25.09.2020
3. 2020- Member of the Selection Committee, as a Subject Expert for recruitment of Assistant Professor in Department of Animal Science on 22.01.2020 at Bharathidasan university, Tiruchirappalli.
4. 2019-Member of Inspection Squad to inspect November 2019 examination at Sri Maniya International Institute of Hotel Management, Marthandam on 18.11.2019 to 30.11.2019
5. 2019-Chairperson of Board of Studies, M.Sc. Zoology at Tamilnadu state council for higher education, Chennai on 12.07.2019
6. 2018- Chairperson of Board of Studies, M.Sc. Zoology at TSNSCHE Chennai on 30.11.2018
7. 2018- External expert in Doctoral committee meeting, CMST, M. S. University for up gradation of BSR candidates from JRF to SRF. 12.03.2018
8. 2018- till date, Member of Board of Studies in Zoology for M. Phil and Ph D course work papers, Manonmanium Sundarnar University, Nagercoil.
9. 2018- till date, Member of Board of Studies in Zoology, Scott Christian College (Autonomous), Nagercoil.
10. 2018 – RAC member, One-day consultation meeting at the wildlife Warden, Gulf of Mannar Marine National Park, Ramanathapuram (12.01.2018)
11. 2018- Member of Doctoral Committee meeting at Department of Animal Biotechnology, Bharathidasan University, Tiruchirappalli (02.07.2018)
12. 2018- Vice-Chancellor's Nominee in Selection committee meeting – Appointment of Assistant Professor in Zoology at Seethalakshmi Achi College for Women, Pallathur.
13. 2017- till date, Member of Board of Studies in Zoology, Scott Christian College (Autonomous), Nagercoil
14. 2017- till date, Member of Board of Studies for M.Sc. and M.Phil. Zoology, Department of Animal Science, Bharathidasan University, Tiruchirappalli.
15. 2017- Member of Doctoral committee meeting for comprehensive viva voce in School of Bio Sciences and Technology at VIT University, Vellore (08.09.2017)

16. 2017- External Expert in selection committee for project fellow in the PURSE scheme funded by DST, Bharathiar University, Coimbatore.

C. AWARDS & HONOURS

1. 2021, Life Membership award in the Journal of Fisheries and Life Sciences by College of Fisheries, Mangaluru, Karnataka, India
2. 2020, Vallal Alagappan Research Recognition Award, for his contribution towards the enhancement of Research Outcome of this University in the form of “h index”
3. 2020, Excellent Researcher Awards, National conference on SMART SUMMIT-2020 conducted by PEARL Foundation on 15.03.2020 at Radha Regent, Bangalore
4. 2018, Presided the Swachhta Hi Seva 2018 activity ‘J’ conducted by Alagappa University, Karaikudi
5. 2018, Leading Educationalist of India Award, Friendship forum regarding “Economic Growth and National Unity” held at New Delhi on 25th September 2018.
6. 2018, Bharat Excellence Award, Friendship forum regarding “Global brotherhood and peace” held at New Delhi on 25th September 2018.
7. 2009, Young Scientist Award-SERC-FAST TRACK, Department of Science and Technology, New Delhi, India.
8. 2004-07, Postdoctoral fellow award, in National Taiwan Ocean University, Taiwan by National Science Council-Taiwan.
9. 2003-04, Postdoctoral fellow award, in National Tsing Hua University, Taiwan by National Science Council-Taiwan.
10. 2001-03, Postdoctoral award by National Agriculture Technology Project (NATP), Indian Council of Agricultural Research (ICAR), New Delhi, India.
11. 1994, University 2nd rank in M. Phil. Degree in Zoology.

D. PROFESSIONAL MEMBERSHIPS

- Life member- The Journal of Fisheries and Life sciences
- Life member – The Indian Science Congress Association
- International Society for Salt Lake Research (ISSLR)
- Network of Aquaculture Centers in Asia –Pacific (NAGA)
- Fish Health Section of Asian Fisheries Society.
- American Nano Society (Membership #: 117122)
- Member, the Science Advisory Board.
- Asian Fisheries society

E. TEACHING EXPERIENCE

- Current- Professor and Head, Department of Animal Health and Management, Alagappa University, Karaikudi.
- 26th May 2011-13, Associate Professor and Head i/c, Department of Animal Health and Management, Alagappa University, Karaikudi.
- 26th May 2008-11, Reader & Head, Department of Animal Health and Management, Alagappa University, Karaikudi.
- 15th Oct 2007-08, Senior Lecturer, School of Biotechnology, VIT University, Vellore.
- 1997-2002- Research Scholar, Teaching Fellow, Department of Biotechnology, University of Madras, Chennai-25
- 1995-96, Lecturer, Sivanthi Adithanar College, Nagercoil. Scientist

F. RESEARCH GRANTS | PROJECTS | INTERNATIONAL COLLABORATIONS

ONGOING PROJECTS				
S. No	Title of the project	Role	Source of Funding	Funds (Rs in lakhs)
	Nil			
COMPLETED PROJECTS				
1	Development of nanopesticide using <i>Bacillus thuringiensis</i> and botanicals for the control of Pulse beetle, <i>Callosobruchus chinensis</i> .	Mentor	Department of Science and Technology (DST SERB)	38.80
2	Evaluation of anti-vibrio efficacy of conjugated seaweed polysaccharide in shrimp <i>Litopenaeus vannamei</i>	Mentor	Department of Science and Technology (DST SERB)	19.20
3	cDNA cloning mRNA transcript and functional analysis of novel immune related genes	Principal Investigator	Council of Scientific & Industrial Research	22.00

Baskaralingam Vaseeharan

	prophenoxidase and peroxinectin from the white shrimp <i>Fenneropenaeus indicus</i> .		(CSIR) New Delhi (2012-2015)	
4	Isolation and characterization of potential probiotic strains for successful treatment of bacterial disease in <i>Cyprinus carpio</i> , <i>Osteogiossum bichirrossum</i> and <i>cichlasoma spp.</i>	Co-Principal Investigator	University Grant Commission (UGC) – Major research (2012-2014)	8.78
5	Silencing key virulence proteins in the liver fluke, <i>Fasciola hepatica</i> : development of a novel control strategy.	Principal Investigator	Indo-Ireland (2011-2013)	6.40
6	Genome characterization and mRNA transcript analysis of novel immune related genes α 2 macroglobulin and serine proteinase from <i>Fenneropenaeus indicus</i> .	Principal Investigator	Department of Biotechnology (DBT), New Delhi (2009-2012)	22.85
7	Molecular cloning and characterization of novel gene lipopolysaccharide- and β -1, 3-glucan binding protein (LGBP) from <i>Fenneropenaeus indicus</i> and its mRNA transcript analysis when animals are treated with immunostimulants	Principal Investigator	Department of Science & Technology (DST) Fast track fellowship (2009-2012)	15.75
8	Molecular characterization of Indigenous and exotic probiotic strains and its effective treatment on Bacterial diseases in aquaculture	Principal Investigator	University Grant Commission (UGC) – Major research project (2009-2012)	9.5
9	Intensive survey and inventurisation of seagrasses biodiversity in palk bay Bay of Bengal.	Co-Principal Investigator	University Grant Commission (UGC) – Major research project (2009-2012)	4.36
10	Exploration of new Antioxidative molecules from <i>Artemia parthenogenetica</i> against cellular oxidative damage.	Mentor	Dr. Kothari Fellowship from UGC, New Delhi. (2009-2012)	12.00
11	Antimicrobial activity of silver nanoparticles (Ag-Nps) against pathogenic <i>Vibrio</i> spp. Isolated from aquaculture environments”	Principal Investigator	DST, India and National Science Council, Taiwan. (2010 – 2012)	9.00
12	Silencing key virulence proteins in the liver fluke, <i>Fasciola hepatica</i> : development of a novel control strategy	Principal Investigator	Indo –Queen University of Belfast, UK Project (2010 – 2012)	6.00
13	Ultrastructural histochemical and epidemiological studies on amphistomes in India and Northern Ireland, United Kingdom.	Principal Investigator	Indo – Queen University of Belfast, UK (2010 – 2012)	6.00
14	Purification, characterization, functional analysis and structural elucidation of pattern recognition molecule β -1, 3-glucan binding protein and antimicrobial peptides from crustaceans	Principal Investigator	Department of Biotechnology (DBT), New Delhi (2015-2018)	58.00

G. PUBLICATION SUMMARY

Publication type	Numbers
Peer reviewed papers	209
National	8
International	201
Total Impact Factor	457.739
Cumulative Impact Factor	
Patents	-
Book chapter	6
International conference presented/participated	95
National conference presented/participated	49
Conference proceedings papers	11
Invited lectures	13
NCBI Sequence	60
Protein sequences	22
Bacterial species sequences	38

PUBLICATIONS – 208 (Total impact = 463.539)**YEAR – 2021****Impact Factor: 5.09****International: 3****National: 00**

209. Sibiya A, Jeyavani J, Sivakamavalli J, Ravi C, Divya M, **Vaseeharan B***. Bioactive compounds from various types of sea urchin and their therapeutic effects—A review. *Regional Studies in Marine Science*. (2021) 26:101760. (**Impact Factor: 1.18**)
208. Elumalai P, Rubeena AS, Lakshmi S, Anbazhagan V, Arockiaraj J, Divya M, Vijayakumar S, **Vaseeharan B**. Shrimp lectin–conjugated copper sulfide nanoparticles enhance immune response and gene expression in *Etroplus suratensis* infected with *Aeromonas hydrophila*. *Aquaculture International*. 1-8 (2021) (**Impact Factor: 1.09**)
207. Sekar Vijayakumar, Mani Divya, **Baskaralingam Vaseeharan**, Jingdi Chen, Muniyandi Biruntha, Luciano Paulino Silva, Esteban F Duran-Lara, Krishnan Shreema, Shivendu Ranjan, Nandita Dasgupta. Biological Compound Capping of Silver Nanoparticle with the Seed Extracts of Blackcumin (*Nigella sativa*): A Potential Antibacterial, Antidiabetic, Anti-inflammatory, and Antioxidant. *Journal of Inorganic and Organometallic Polymers and Materials*. 624-635 (2021) (**Impact Factor: 1.6**)
206. Jeyachandran Sivakamavalli, Kiyun Park, Ihn-Sil Kwak, **Vaseeharan Baskaralingam***. Purification and partial characterization of carbohydrate-recognition protein C-type lectin from *Hemifusus pugilinus*. *Journal of Carbohydrate Research*. 108224 (2020) (**Impact Factor: 1.9**)

YEAR – 2020**Impact Factor: 59.616****International: 22****National: 00**

205. Rose Mary Kiriyanthan, S Aruna Sharmili, R Balaji, S Jayashree, Shahid Mahboob, Khalid A Al-Ghanim, Fahad Al-Misned, Zubair Ahmed, Marimuthu Govindarajan, **Baskaralingam Vaseeharan***. Photocatalytic, antiproliferative and antimicrobial properties of copper nanoparticles synthesized using *Manilkara zapota* leaf extract: A photodynamic approach. *Journal of Photodiagnosis and Photodynamic Therapy* 32 (2020) 102058 (**Impact factor: 2.8**)
204. Achudhan D, Vijayakumar S, Malaikozhundan B, Divya M, Maragatha J, Karuppachamy S, Gonzalez-Sanchez Z I, Mahboob S, Al-Ghanim KA, **Vaseeharan B***. The antibacterial, antibiofilm, antifogging and mosquitocidal activities of titanium dioxide (TiO₂) nanoparticles green-synthesized using multiple plants extracts. *Journal of Environmental Chemical Engineering* 8 (2020) 104521 (**Impact Factor: 4.3**)
203. Vinotha V, Yazhiniprabha M, Selvaraj D, Mahboob S, Al-Ghanim K A, Misned FA, Govindarajan M, **Vaseeharan B***. Biogenic synthesis of aromatic cardamom-wrapped zinc oxide nanoparticles and their potential antibacterial and mosquito larvicidal activity: An effective eco-friendly approach. *Journal of Environmental Chemical Engineering* 8 (2020) 104466 (**Impact Factor: 4.3**)
202. Vijayakumar S, Divya M, **Vaseeharan B**, Rajan S, Kalaiselvi V, Dasgupta N, Chen J, Duran-Lara EF, Biogenic preparation and characterization of ZNO nanoparticles from natural polysaccharide *Azadirachta indica*. L. (neem gum) and its clinical implications. *Journal of Cluster Science* <https://doi.org/10.1007/s10876-020-01863-y> (**Impact Factor:1.731**)
201. Vijayakumar S, Divya M, **Vaseeharan B**, Chen J, Biruntha M, Silva LP, Duran-Lara EF, Shreema K, Rajan S, Dasgupta N, Biological compound capping of silver nanoparticle with the seed extracts of blackcumin (*Nigella sativa*): A potential antibacterial, antidiabetic, anti-inflammatory and antioxidant. *Journal of Inorganic and Organometallic Polymers and Materials* <https://doi.org/10.1007/s10904-020-017134> (**Impact Factor:1.941**)
200. Dhatchayani S, Vijayakumar S, Sarala N, **Vaseeharan B**, Sankaranarayanan, K, Effect of Curcumin Sorbed Selenite Substituted Hydroxyapatite on Osteosarcoma Cells: An in vitro Study. *Journal of Drug Delivery Science and Technology*, (2020) 101963. (**Impact Factor: 2.734**)
199. Preetham E, Lakshmi S, Wongpanya R, **Vaseeharan B**, Arockiaraj J, Olsen RE, Antibiofilm and immunological properties of lectin purified from shrimp *Penaeus semisulcatus*. *Fish & Shellfish Immunology*. (2020) (**Impact Factor: 3.298**)
198. Sivakamavalli J, Park K, Kwak IS, **Vaseeharan B**, Identification and characterization of bioactive pigment carotenoids from shrimps and their biofilm inhibition. *Journal of Food Processing and Preservation*, (2020) 14728 (**Impact Factor: 1.288**)

197. Rekha R, Mahboob S, Ramya AK, Kerthekeyan S, Govindarajan M, Al-Ghanim KA, Al-Misned F, Ahmed Z, **Vaseeharan B***, Synthesis and Bio-physical Characterization of Crustin Capped Zinc Oxide Nanoparticles, and Their Photocatalytic, Antibacterial, Antifungal and Antibiofilm Activity. *Journal of Cluster Science*, (2020) 1-13 (**Impact Factor: 1.731**)
196. Ishwarya R, Iswarya A, Thangaviji V, Sivakamavalli J, Esteban MA, Thangaraj MP, **Vaseeharan B***, Immunological and antibiofilm property of haemocyanin purified from grooved tiger shrimp (*Penaeus semisulcatus*): An in vitro and in silico approach. *Microbial Pathogenesis*, (2020) 104253. (**Impact Factor: 2.914**)
195. Parthasarathy A, Vijayakumar S, Malaikozhundan B, Thangaraj MP, Ekambaram P, Murugan T, Velusamy P, Anbu P, **Vaseeharan B***, Chitosan-coated silver nanoparticles promoted antibacterial, antibiofilm, wound-healing of murine macrophages and antiproliferation of human breast cancer MCF7 cells. *Polymer Testing*, (2020) 106675 (**Impact Factor: 3.275**)
194. Divya M, Vijayakumar S, Chen J, **Vaseeharan B***, Durán-Lara EF, A review of South Indian medicinal plant has the ability to combat against deadly viruses along with COVID-19? *Microbial Pathogenesis*, (2020) 104277 (**Impact Factor: 2.914**)
193. Sebastianmammal S, Fathima ASL, Devanesan S, AlSalhi MS, Johnson H, Govindarajan M, **Vaseeharan B***, Curcumin-encased hydroxyapatite nanoparticles as novel biomaterials for antimicrobial, antioxidant and anticancer applications: A perspective of nano-based drug delivery. *Journal of Drug Delivery Science and Technology*, (2020) 101752. (**Impact Factor: 2.734**)
192. Malaikozhundan B, Vinodhini J, Kalanjiam MAR, Vinotha V, Palanisamy S, Vijayakumar S, **Vaseeharan B**, Mariyappan A, High synergistic antibacterial, antibiofilm, antidiabetic and antimetabolic activity of *Withania somnifera* leaf extract-assisted zinc oxide nanoparticle. *Bioprocess and Biosystems Engineering*, (2020) 1-15. (**Impact Factor: 2.419**)
191. Sivakamavalli J, Selvaraj C, Sanjeev KS, **Vaseeharan B**, Park K, Kwak IS, Characterization and structural analysis of prophenoloxidase in mud crab *Scylla serrata* and discovering novel chemical inhibitors through virtual screening. *Structural Chemistry*, (2020) 1-22. (**Impact Factor: 2.081**)
190. Sivakamavalli J, Park K, Kwak IS, **Vaseeharan B***, Morphological and functional characterization of circulating hemocytes using microscopy techniques. *Microscopy Research and Technique* (2020) (**Impact Factor: 2.117**)
189. Vijayakumar S, Malaikozhundan B, Parthasarathy A, Saravanakumar K, Wang M H, **Vaseeharan B***, Nano biomedical potential of biopolymer chitosan-capped silver nanoparticles with special reference to antibacterial, antibiofilm, anticoagulant and wound dressing material. *Journal of Cluster Science* 31 (2020) 355-366 (**Impact Factor: 2.125**)
188. Sivakamavalli J, James A, Park K, Kwak IS, **Vaseeharan B***, Purification of WAP domain-containing antimicrobial peptides from green tiger shrimp *Penaeus semisulcatus*. *Microbial Pathogenesis* 140 (2020) 103920 (**Impact Factor: 2.581**)
187. Fahimmunisha BA, Ishwarya R, Alsalhi MS, Devanesam S, Govindarajan M, **Vaseeharan B***, Green fabrication, characterization and antibacterial potential of zinc oxide nanoparticles using *Aloe socotrina* leaf extract: Anovel drug delivery approach. *Journal of Drug Delivery Science and Technology* 55 (2020) 101465 (**Impact Factor: 2.606**)
186. Divya M, Gobi N, Iswarya A, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Almanaa TN, **Vaseeharan B***, B-glucan extracted from eukaryotic single-celled microorganism *Saccharomyces cerevisiar*: Dietary supplementation and enhanced ammonia stress tolerance on *Oreochromis mossambicus*. *Microbial Pathogenesis* 139 (2020) 103917 (**Impact Factor: 2.581**)
185. Vijayakumar S, Saravanakumar K, Malaikozhundan B, Divya M, **Vaseeharan B***, Duran-Lara EF, Wang MH, Biopolymer K-carrageenan wrapped ZnO nanoparticles as drug delivery vehicles for anti MRSA therapy. *International Journal of Biological Macromolecules* 144 (2020) 9-18 (**Impact Factor: 4.784**)
184. Divya M, Govindarajan M, Karthikeyan S, Preetham E, Alharbi NS, Kadaikunnan S, Khaled JM, Almanaa TN, **Vaseeharan B***, Antibiofilm and anticancer potential of B-glucan-binding protein-encrusted zinc oxide nanoparticles. *Microbial Pathogenesis* 141 (2020) 103992 (**Impact Factor: 2.581**)
183. Divya M, Karthikeyan S, Ravi C, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled JM, Almanaa TN, **Vaseeharan B***, Isolation of B-glucan from *Eleusine coracana* and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities. *Microbial Pathogenesis* 140 (2020) 103955 (**Impact Factor: 2.581**)

YEAR – 2019

Impact Factor: 72.825

International: 21

National: 00

182. Abinaya M, Rekha R, Sivakumar S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Alobaidi AS, Al-Anbr MN, **Vaseeharan B***, Novel and Facile Synthesis of Sea Anemone Adhesive Protein-Coated ZnO Nanoparticles: Antioxidant, Antibiofilm, and Mosquito Larvicidal Activity Against *Aedes aegypti*. *Journal of Cluster Science*.30(6):1393-402
183. Jenifer AA, Malaikozhundan B, Vijayakumar S, Anjugam M, Iswarya A, **Vaseeharan B***, Green synthesis and characterization of silver nanoparticles (Ag NPs) using leaf extract of *Solanum nigrum* and assessment of toxicity in vertebrate and invertebrate aquatic animals. *Journal of Cluster Science* <http://dio.org/10.1007/s10876-019-01686-6> (**Impact Factor: 2.125**)
181. Rajapriya M, Sharmili A A, Baskar R, Balaji R, Alharbi N S, Kadaikunnan S, Khalid J M, Alanzi K F, **Vaseeharan B***, Synthesis and characterization of zinc oxide nanoparticles using *Cynara scolymus* leaves:

- Enhanced hemolytic, antimicrobial, antiproliferative, and photocatalytic activity. Journal of Cluster Science <http://dio.org/10.1007/s10876-019-0168-6> (Impact Factor: 2.125)
180. Sivakamavalli J, Selvaraj C, Singh SK, Park K, Kwak IS, **Vaseeharan B***. Effect of amino acid substitution in the *Penaeus monodon* LGBP and specificity through mutational analysis. International Journal of Peptide Research and Therapeutics <https://doi.org/10.1007/s10989-019-09960-x> (Impact Factor: 1.219)
179. Preetham E, Rubeena A S, **Vaseeharan B**, Chaurasia M K, Arockiaraj J, Olsene R E, Anti-biofilm properties and immunological response of an immune molecule lectin isolated from shrimp *Metapenaeus monoceros*. Fish and Shellfish Immunology 94 (2019) 896–906 (Impact Factor: 3.29)
178. Rekha R, Divya M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-Anbr M N, Pavela R, **Vaseeharan B***, Synthesis and characterization of crustin capped titanium dioxide nanoparticles: Photocatalytic, antibacterial, antifungal and insecticidal activities. Journal of Photochemistry & Photobiology, B: Biology 199 (2019) 111620 (Impact Factor: 4.06)
177. Vijayakumar S, Malaikozhundan B, Saravanakumar K, Duran-Lara EF, Wang MH*, **Vaseeharan B**. Garlic clove extract assisted silver nanoparticle – Antibacterial, antibiofilm, antihelminthic, anti-inflammatory, anticancer and ecotoxicity assessment. Journal of Photochemistry & Photobiology, B: Biology 198 (2019) 111558 (Impact Factor: 4.06)
176. Vijayakumar S, **Vaseeharan B***, Sudhakaran R, Jeyakandan J, Ramasamy P, Sonawane A, Padhi A, Velusamy P, Anbu P, Caterina F, Bioinspired zinc oxide nanoparticles using *Lycopersicon esculentum* for antimicrobial and anticancer applications. Journal of Cluster Science (2019) <https://doi.org/10.1007/s10876-019-01590-z> (Impact Factor: 2.125)
175. Carolyn JS, Raj DS, Malaikozhundan B, Govindarajan M, Alharbi N S, Kadaikunnan S, Al-Anbr MN, Alobaidi AS, **Vaseeharan B**. Anti-cancer, anti-biofilm, and anti-inflammatory properties of hen's albumen: Acphotodynamic approach. Photodiagnosis and photodynamic therapy 28 (2019) 1-7 (Impact Factor: 2.589)
174. Suganya S, Ishwarya R, Jayakumar R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-anbr M N, **Vaseeharan B**. New insecticides and antimicrobials derived from *Sargassum wightii* and *Halimeda gracillia* seaweeds: Toxicity against mosquito vectors and antibiofilm activity against microbial pathogens. South African Journal of Botany 125 (2019) 466–480 (Impact Factor: 1.5)
173. Iswarya A, Anjugam M, Shanthini S, **Vaseeharan B***. Protective activity of beta-1, 3-glucan binding protein against AAPH induced oxidative stress in *Saccharomyces cerevisiae*. International Journal of Biological Macromolecules 138 (2019) 890–902 (Impact Factor: 4.784)
171. Ishwarya R, Jayakumar R, Abinaya M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-Anbr M N, **Vaseeharan B***. Facile synthesis of haemocyanin-capped zinc oxide nanoparticles: Effect on growth performance, digestive-enzyme activity, and immune responses of *Penaeus semisulcatus*. International Journal of Biological Macromolecules <https://doi.org/10.1016/j.ijbiomac.2019.07.216> (Impact Factor: 4.784)
170. Gopi N, Vijayakumar S, Thaya R, Govindarajan M, Alharbi N S, Kadaikunnane S, Khaled J M, Al-Anbre M N, **Vaseeharan B***. Exposure of *Oreochromis niloticus* to sub-lethal copper concentrations: Effects on growth, antioxidant, non-enzymatic antioxidant, oxidative stress and non-specific immune responses. Journal of Trace Elements in Medicine and Biology 55: 170-179 (Impact Factor: 2.895)
169. Vinotha V, Iswarya A, Thaya R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-Anbr M N, **Vaseeharan B***. Synthesis of ZnO nanoparticles using insulin-rich leaf extract: Anti-diabetic, antibiofilm and anti-oxidant properties. Journal of Photochemistry & Photobiology, B: Biology 197: 111541 (Impact Factor: 4.06)
168. Ishwarya R, **Vaseeharan B***, Shanthini S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-anbr M N. Enhanced antibacterial activity of hemocyanin purified from *Portunus pelagicus* hemolymph combined with silver nanoparticles – Intracellular uptake and mode of action. Journal of Trace Elements in Medicine and Biology 54: 8–20 (Impact Factor: 3.225)
167. Yazhiniprabha M, **Vaseeharan B***. In vitro and in vivo toxicity assessment of selenium nanoparticles with significant larvicidal and bacteriostatic properties. Materials Science & Engineering C 103: 109763 (Impact Factor: 5.08)
166. Shanmuga Priya A, Suganya Bharathi B, Vigneshkumar G, Maniyazagan M, Sakthivelu K, Vimalasruthi N, **Vaseeharan B**, Sivakamavalli J, Stalin T. In-vitro dissolution and microbial inhibition studies on anticancer drug etoposide with β -cyclodextrin. Materials Science and Engineering: C 102: 96-105 (Impact Factor: 5.08)
165. Preetham E, Rubeena A S, Arockiaraj J, Wongpanya R, Cammarata M, Ringø E, **Vaseeharan B**. The role of lectins in finfish: A review. Reviews in Fisheries Science & Aquaculture 27: 152-169 (Impact Factor: 4.7)
164. Yazhiniprabha M, **Vaseeharan B***, Sonawane A, Ananyaashree B. In vitro and In vivo toxicity assessment of phytofabricated ZnO nanoparticles showing bacteriostatic effect and larvicidal efficacy against *Culex quinquefasciatus*. Journal of Photochemistry and Photobiology B 192: 158-169 (Impact Factor: 3.1)
163. Abinaya M, **Vaseeharan B***, Rekha R, Shanthini S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-Anbr M N, Microbial exopolymer-capped selenium nanowires–Towards new antibacterial, antibiofilm and arbovirus vector larvicides? Journal of Photochemistry and Photobiology B 192: 55-67 (Impact Factor: 3.1)
162. Rubeena A S, Divya M, **Vaseeharan B**, Karthikeyan S, Ringø E, Preetham E. Antimicrobial and biochemical characterization of a C-type lectin isolated from pearl spot (*Etroplus suratensis*). Fish & Shellfish Immunology 87: 202-211 (Impact Factor: 3.18)

International: 31**National: 00**

161. Kalaiselvi V, Mathammal R, Vijayakumar S, **Vaseeharan B**. Microwave assisted green synthesis of Hydroxyapatite nanorods using *Moringa oleifera* flower extract and its antimicrobial applications. *International Journal of Veterinary Science and Medicine* 6: 286–295
160. Leena C, Udhaya Santhosh Kumar, Krishnan N, **Vaseeharan B**, Vairamani M, Pachaiappan R. Modulation of quorum sensing-controlled virulence factors in *Chromobacterium violaceum* by selective amino acids *FEMS Microbiology Letters* 365(23) (**Impact Factor: 1.735**)
159. Kumar P, Yuvakumar R, Vijayakumar S, **Vaseeharan B**. Cytotoxicity of phloroglucinol engineered silver (Ag) nanoparticles against MCF-7 breast cancer cell lines. *Materials Chemistry and Physics* 220: 402-408 (**Impact Factor: 2.210**)
158. Jinendirana S, Nathan A A, Ramesh D, **Vaseeharan B**, Sivakumar N. Modulation of innate immunity, expression of cytokine genes and disease resistance against *Aeromonas hydrophila* infection in goldfish (*Carassius auratus*) by dietary supplementation with *Exiguobacterium acetylicum* S01. *Fish and Shellfish Immunology* 84: 458–469 (**Impact Factor: 3.185**)
157. Rajivgandhia G, Ramachandran G, Maruthupandy M, **Vaseeharan B**, Manoharan N. Molecular identification and structural characterization of marine endophytic actinomycetes *Nocardiopsis* sp. GRG 2 (KT 235641) and its antibacterial efficacy against isolated ESBL producing bacteria. *Microbial Pathogenesis* 126: 138–148 (**Impact Factor: 2.332**)
156. Rekha R, **Vaseeharan B***, Vijayakumar S, Abinaya M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Al-anbr M N. Crustin-capped selenium nanowires against microbial pathogens and Japanese encephalitis mosquito vectors – Insights on their toxicity and Internalization. *Journal of Trace Elements in Medicine and Biology* 51: 191-203 (**Impact Factor: 3.225**)
155. Abinaya M, **Vaseeharan B***, Divya M, Vijayakumar S, Govindarajan M, Alharbi N S, Khaled J M, Al-anbr M N, Benelli G. Structural characterization of Bacillus licheniformis Dabhlxopolysaccharide—antimicrobial potential and larvicidal activity on malaria and Zika virus mosquito vectors. *Environmental Science and Pollution Research* 25: 18604-18619 (**Impact Factor: 2.8**)
154. Iswarya A, **Vaseeharan B***, Anjugam M, Gobi N, Divya M, Faggio C. β -1,3 glucan binding protein-based selenium nanowires enhances the immune status of *Cyprinus carpio* and protection against *Aeromonas hydrophila* infection. *Fish & Shellfish Immunology* 83: 61-75 (**Impact Factor: 3.185**)
153. Rekha R, **Vaseeharan B***, Ishwarya R, Anjugam M, Naiyf S Alharbi, Kadaikunnan S, Jamal M Khaled, Mohammed N Al-anbr, Govindarajan M. Searching for crab-borne antimicrobial peptides: Crustin from *Portunus pelagicus* triggers biofilm inhibition and immune responses of *Artemia salina* against GFP tagged *Vibrio parahaemolyticus* Dahv2. *Molecular Immunology* 101: 396-408 (**Impact Factor: 3.188**)
152. Gobi N, **Vaseeharan B***, Rekha R, Vijayakumar S, Faggio C. Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in *Oreochromis mossambicus*. *Ecotoxicology and Environmental Safety* 162: 147-159 (**Impact Factor: 3.974**)
151. Palanisamy S, Vinosha M, Manikandakrishnan M, Anjali R, Rajasekar P, Marudhupandi T, Manikandan R, **Vaseeharan B**, Prabhu N M. Investigation of antioxidant and anticancer potential of fucoidan from *Sargassum polycystum*. *International Journal of Biological Macromolecules* 116: 151-161 (**Impact Factor: 3.671**)
150. Vijayakumar. S, **Vaseeharan B*** Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO 5 nanoparticles. *Advanced Powder Technology*. 29: 2331-2345 (**Impact Factor: 2.943**)
149. Anjugam M, **Vaseeharan B***, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P. Effect of β -1, 3 glucan binding protein-based zinc oxide nanoparticles supplemented diet on immune response & disease resistance in *Oreochromis mossambicus* against *Aeromonas hydrophila*. *Fish & Shellfish Immunology* 76: 247-259 (**Impact Factor: 3.148**)
148. Rajivgandhi G, Vijayan R, Maruthupandy M, **Vaseeharan B**, Manoharan N. Antibiofilm of *Nocardiopsis* sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs. *Microbial pathogenesis* 118: 190-198 (**Impact Factor: 2.009**)
147. Ishwarya. R, **Vaseeharan B***, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Al-anbr. *Sargassum wightii*-synthesized ZnO nanoparticles – from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp *Penaeus semisulcatus*. *Journal of Photochemistry & Photobiology, B: Biology* 183: 318-330 (**Impact Factor: 3.165**)

146. Divya M, **Vaseeharan B***, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C. Phenoloxidase activation, antimicrobial, and antibiofilm properties of β -glucan binding protein from *Scylla serrate* crab hemolymph. International Journal of Biological Macromolecules 114: 864-873 (**Impact Factor: 3.67**)
145. Ishwarya R, **Vaseeharan B***, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi N S, Khaled J M, Al-anbr M N, Benelli G. Bio-mining drugs from the sea: High antibiofilm properties of haemocyanin purified from the haemolymph of flower crab *Portunus pelagicus* (L.) (Decapoda: Portunidae). Aquaculture 489: 130-140 (**Impact factor: 2.570**)
144. Jayanthi S, **Vaseeharan B***, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M. Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab *Portunus pelagicus* and its antibiofilm activity. International Journal of Biological Macromolecules 113: 996-1007 (**Impact Factor: 3.67**)
143. Kumar P, Kannan M, Arun P V, **Vaseeharan B**, Vijaykumar S. Proteomics analysis of crude squid ink isolated from *Sepia esculenta* for their antimicrobial, antibiofilm and cytotoxic properties. Microbial Pathogenesis 116: 345-350 (**Impact Factor: 2.009**)
142. Anjugam M, **Vaseeharan B***, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K. Biological synthesis of silver nanoparticles using β -1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential. Microbial Pathogenesis. 115: 31-40 (**Impact Factor: 2.009**)
141. Gobi N, **Vaseeharan B***, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A. Dietary supplementation of probiotic *Bacillus licheniformis* Dabhl improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against *Aeromonas hydrophila* in tilapia *Oreochromis mossambicus*. Fish & Shellfish Immunology. 74: 501-508 (**Impact Factor: 3.148**)
140. Divya M, **Vaseeharan B***, Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity. Journal of Photochemistry and Photobiology B: Biology. 178: 211-218 (**Impact Factor: 2.673**)
139. Thaya R, **Vaseeharan B***, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Al-anbr M N, Khaled J M, Benelli G. Synthesis of chitosan-alginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multi-drug resistant microbial pathogens. Microbial Pathogenesis. 114: 17-24 (**Impact Factor: 2.009**)
138. Joicy S, Arun M, Vijayshankar A, **Vaseeharan B**, Arunkumar D, Thangadurai P. Phosphine-Free, Highly emissive, water-Soluble Mn: ZnSe/ZnS core-shell nanorods: synthesis, characterization, and *in vitro* bioimaging of HEK293 and HeLa cells. Applied Nano Materials 1: 371-383
137. Benelli G, Govindarajan M, Rajeswary M, **Vaseeharan B**, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F. Insecticidal activity of camphene, zerumbone and α -humulene from *Cheilocostus speciosus* rhizome essential oil against the Old-World bollworm, *Helicoverpa armigera*. Ecotoxicology and Environmental Safety. 148: 781-786 (**Impact Factor: 3.743**)
136. Girija V, Malaikozhundan M, **Vaseeharan B***, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P. *In vitro* antagonistic activity and the protective effect of probiotic *Bacillus licheniformis* Dabhl in Zebrafish challenged with GFP tagged *Vibrio parahaemolyticus* Dahv2. Microbial Pathogenesis 114: 274-280 (**Impact Factor: 2.009**)
135. Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Al-anbr M N, **Vaseeharan B**, Ishwarya R, Yazhini Prabha M, Benelli G. Swift fabrication of Ag nanostructures using a colloidal solution of *Holostemma ada-kodien* (Apocynaceae) – Antibiofilm potential, insecticidal activity against mosquitoes and non-target impact on water bugs. Journal of Photochemistry and Photobiology B: Biology 181: 70-79 (**Impact Factor: 2.673**)
134. Govindarajan M, **Vaseeharan B**, Alharbi N S, Kadaikunnan S, Khaled J M, Al-anbr M N, Alyahya S A, Maggi F, Benelli G. High efficacy of (*Z*)- γ - bisabolene from the essential oil of *Galinsoga parviflora* (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors. Environmental Science and Pollution Research. 25: 10555-10556 (**Impact Factor: 2.741**)
133. Ishwarya R, **Vaseeharan B***, Kalyani S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Al-anbr M N, Khaled J M, Benelli G. Facile green synthesis of zinc oxide nanoparticles using *Ulva lactuca* seaweed

- extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity. Journal of Photochemistry & Photobiology, B: Biology. 178:249-258 (**Impact Factor: 2.673**)
132. Vijayakumar S, **Vaseeharan B***, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmistha D, Murugan K, Benelli G. Ecotoxicity of *Musa paradisica* leaf extract-coated ZnO nanoparticles to the freshwater microcrustacean *Ceriodaphnia cornuta*. Limnologia-Ecology and Management of Inland Waters 67: 1-6 (**Impact Factor: 1.427**)
131. Abinaya M, **Vaseeharan B***, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors. Journal of Trace Elements in Medicine and Biology. 45: 93-108 (**Impact Factor: 3.2**)

YEAR – 2017

Impact Factor: 57.665

International: 26

National: 00

130. Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, **Vaseeharan B**, Prtelli R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A. Mosquito control with green nanopesticides: towards the one health approach? A Review of non-target effects. Environmental Science and Pollution Research 25: 10184-10206 (**Impact Factor: 2.741**)
129. Malaikozhundan B, **Vaseeharan B***, Vijayakumar S, Thangaraj M P. *Bacillus thuringiensis* coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, *Callosobruchus maculatus*. Journal of Photochemistry and Photobiology B: Biology 174: 306-314 (**Impact Factor: 2.673**)
128. Dhatchayani S, **Vaseeharan B**, Vijayakumar S, Sarala N, Sankaranarayanan K. Synthesis and Characterization of Hydroxyapatite/Graphene Oxide for Biomedical Applications. International Research Journal of Engineering and Technology (IRJET).
127. Anjugam M, **Vaseeharan B***, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. A study on β -glucan binding protein (β -GBP) and its involvement in phenoloxidase cascade in Indian white shrimp *Fenneropenaeus indicus* Molecular Immunology 92: 1-11 (**Impact Factor: 3.236**)
126. Malaikozhundan B, Vijayakumar S, **Vaseeharan B***, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E. Two potential uses for silver nanoparticles coated with *Solanum nigrum* unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent. Microbial Pathogenesis. 111: 316-324 (**Impact Factor: 2.009**)
125. Suganya P, **Vaseeharan B**, Vijayakumar S S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector *Aedes aegypti*. Journal of Photochemistry & Photobiology, B: Biology 173: 404-411 (**Impact Factor: 2.673**)
124. Benelli G, Maggi F, Romano D, Stefanini C, **Vaseeharan B**, Kumar S, Hinguchi A, Alarfaj A A, Mehlhorn H, Angelocanale. Nanoparticles as effective acaricides against ticks – A review. Ticks and Tick-borne Diseases. 8: 821-826 (**Impact Factor: 3.230**)
123. Banumathi B, **Vaseeharan B***, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G. Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, *Rhipicephalus (Boophilus) microplus* –A review. Veterinary Parasitology. 244: 102-110 (**Impact Factor: 2.356**)
122. Ishwarya R, **Vaseeharan B***, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Eco-friendly fabrication of Ag nanostructures using the seed extract of *Petalium murex*, an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector *Aedes aegypti* and inhibition of biofilm-forming pathogenic bacteria. Journal of Photochemistry and Photobiology, B: Biology. 174: 133-143 (**Impact Factor: 2.673**)
121. Vijayakumar S, **Vaseeharan B***, Malaikozhundan B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B, Sivakumar N. A novel antimicrobial therapy for the control of *Aeromonas hydrophila* infection in aquaculture using marine polysaccharide coated gold nanoparticle. Microbial Pathogenesis. 110: 140-151 (**Impact Factor: 2.009**)
120. Banumathi B, **Vaseeharan B***, Thenmozhi C, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. *Euphorbia rothiana*-Fabricated Ag Nanoparticles Showed High Toxicity on *Aedes aegypti* Larvae and Growth Inhibition on Microbial Pathogens: A Focus on Morphological Changes in Mosquitoes and Antibiofilm Potential Against Bacteria. Journal of Cluster sciences. 28: 2857-2872 (**Impact Factor: 1.47**)

119. Iswarya A, **Vaseeharan B***, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β -1, 3-glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens. *Colloids and Surfaces B: Biointerfaces*, 158: 257-269 (**Impact Factor: 4.152**)
118. Iswarya A, Anjugam M, **Vaseeharan B***. Role of purified β -1, 3 glucan binding protein (β -GBP) from *Paratelphusa hydrodromus* and their anti-inflammatory, antioxidant and antibiofilm properties. *Fish and Shellfish Immunology*, 68: 54-64 (**Impact Factor: 3.148**)
117. Banumathi B, **Vaseeharan B***, Suganya P, Citatasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Toxicity of *Camellia sinensis*-Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological Abnormalities and DNA Damages. *Journal of Cluster Science*, 28: 202027-2040 (**Impact Factor: 1.664**)
116. Murugan K, Wei J, Alsalmi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, **Vaseeharan B**, Canale A, Benelli G. Magnetic nanoparticles are highly toxic to chloroquine-resistant *Plasmodium falciparum*, dengue virus (DEN-2), and their mosquito vectors. *Parasitology Research*, 116: 495-502 (**Impact Factor: 2.027**)
115. Banumathi B, **Vaseeharan B***, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against *Aedes aegypti* and microbial pathogens. *Parasitology Research*, 116: 1637-1651 (**Impact Factor: 2.027**)
114. Jayanthi S, Shanthi S, **Vaseeharan B***, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G. Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule. *Journal of Phytochemistry & Photobiology, B: Biology*, 170: 208-216 (**Impact Factor: 3.035**)
113. Sujitha V, Murugan K, Dinesh D, Amuthavalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A, **Vaseeharan B**, Canale A, Benelli G. Green-synthesized CdS nanoparticles: toxicity on young instars of malaria vectors and impact on enzymatic activities of the non-target mud crab *Scylla serrate*. *Aquatic Toxicology*, 188: 100-108 (**Impact Factor: 3.451**)
112. Vijayakumar S, Malaikozhundan B, Shanthi S, **Vaseeharan B***, Thajuddin N. Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on *Ceriodaphnia cornuta*. *Microbial pathogenesis*, 107: 88-97 (**Impact Factor: 1.888**)
111. Banumathi B, **Vaseeharan B***, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G. Green larvicides against blowflies, *Lucilia sericata* (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary medicine and production of green-coated zinc oxide nanoparticles. *Physiological and Molecular Plant Pathology*, 101: 214-218 (**Impact Factor: 1.371**)
110. Vijayakumar S, **Vaseeharan B***, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayanamoorthy M. Therapeutic effects of gold nanoparticles synthesized using *Musa paradisiaca* peel extract against multiple antibiotic resistant *Enterococcus faecalis* biofilms and human lung cancer cells (A549) *Microbial Pathogenesis*, 102: 173-183 (**Impact Factor: 1.888**)
109. Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, **Vaseeharan B**, Huiwei, Senthil Nathan S, Canale A, Benelli G. *Sargassum wightii*-synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector *Anopheles stephensi* and cotton bollworm *Helicoverpa armigera*. *Physiological and Molecular Plant Pathology*, 101: 202-213 (**Impact Factor: 1.371**)
108. Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, **Vaseeharan B**, Prabhu N M. Synthesis and Distribution of Bioinspired Silver Nanoparticles Using Spirulina Extract for Control of *Vibrio parahaemolyticus* Infection in Aquaculture. *Asian Journal of Chemistry*, 29: 857-863
107. Malaikozhundan B, **Vaseeharan B***, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G. Biological therapeutics of *Pongamia pinnata* coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF-7 breast cancer cells. *Journal of Microbial Pathogenesis*. 104, 268-277. (**Impact Factor: 1.888**)
106. Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, **Vaseeharan B***. Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab *Portunus pelagicus* and their antibiofilm properties. *Journal of Fish & Shellfish Immunology*, 62, 227-237. (**Impact Factor: 3.025**)

105. Ishwarya R, **Vaseeharan B***, Shanthi S, Benelli G. Green Synthesized Silver Nanoparticles: Toxicity against *Poecilia reticulata* Fishes and *Ceriodaphnia corunta* Crustaceans”, Journal of Cluster Science. (**Impact Factor: 1.66**).

YEAR – 2016

Impact Factor: 46.696

International: 19

National: 06

104. Lin Y C, **Vaseeharan B**, Ko C F, Huang C L, Chen J C. Molecular Cloning, Characterization and Expression Analysis of Prophenoloxidase Gene in Longlegged Spiny Lobster *Panulirus longipes*. Journal of fisheries society Taiwan. 43:179-194
103. Malaikozhundan B, **Vaseeharan B***, Rajamohamed Kalanjiam M A, Vijayakumar S, Jeyasekar R, Chen J C. Effect of Dietary Supplementation of ZnO Nanoparticles Based Diets on the Asian Catfish *Pangasius hypophthalmus*. Journal of fisheries society Taiwan. 43:205-214
102. **Vaseeharan B***, Ishwarya R, Malaikozhundan R, Selvaraj D, Chen J C. Phenoloxidase an Important Constituent in Crustacean Immune System — A Review. Journal of fisheries society Taiwan. 43:215-225
101. Iswarya A, **Vaseeharan B***, Anjugam M, Rekha R, Ravi C, Yazhiniprabha M, Chen J C. The Significance of β -glucan Binding Protein in Executing Immunity in Invertebrate. Journal of fisheries society Taiwan. 43:285-295
100. Anjugam M, **Vaseeharan B***, Iswarya A, Divya M, Clara G S. Involvement of Pattern Recognition Proteins in Invertebrate Immune System. Journal of fisheries society Taiwan. 43:297-311
99. Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, **Vaseeharan B**, Canale A, Benelli G. Magnetic nanoparticles are highly toxic to chloroquine-resistant *Plasmodium falciparum*, dengue virus (DEN-2), and their mosquito vectors. Parasitology Research. 1-8. (**Impact Factor: 2.02**)
98. Vijayakumar S, Malaikozhundan B, Gobi N, **Vaseeharan B***. Protective effects of chitosan against the hazardous effects of zinc oxide nanoparticle in freshwater crustaceans *Ceriodaphnia cornuta* and *Moina micrura*. Limnologia. 61; 44-51. (**Impact Factor: 1.403**)
97. Gobi N, Ramya C, **Vaseeharan B***, Malaikozhundan B, Vijayakumar S, Murugan K, Benelli G. *Oreochromis mossambicus* diet supplementation with *Psidium guajava* leaf extracts enhance growth, immune, antioxidant response and resistance to *Aeromonas hydrophila*. Fish & Shellfish Immunology. 58: 572-583. (**Impact Factor: 3.025**)
96. Thaya R, Malaikozhundan B, Vijayakumar S, Sivakamavalli J, Jeyasekar R, Shanthi S, **Vaseeharan B***, Ramasamy P, Sonawane A. Chitosan coated Ag/ZnO nanocomposite and their antibiofilm, antifungal and cytotoxic effects on murine macrophages. Microbial Pathogenesis. 100;124-132 (**Impact Factor: 1.88**)
95. Ishwarya R, **Vaseeharan B***, Iswarya R, Karthikeyan S. Haemolytic and antibiofilm properties of haemocyanin purified from the haemolymph of Indian white shrimp *Fenneropenaeus indicus*. Fish & Shellfish Immunology.59; 447-455. (**Impact Factor: 3.025**)
94. Malaikozhundan B, **Vaseeharan B***, Vijayakumar S, Sudhakaran R, Gobi N, Shanthini G. Antibacterial and antibiofilm assessment of *Momordica charantia* fruit extract coated silver nanoparticles. Biocatalysis and Agricultural Biotechnology. 8; 189-196.
93. Vijayakumar S, **Vaseeharan B***, Malaikozhundan B, Shobiya M. *Laurus nobilis* leaf extract mediated green synthesis of ZnO nanoparticles: Characterization and biomedical applications. Biomedicine & pharmacotherapy. 24(84) :1213-1222 (**Impact Factor: 2.32**)
92. Anjugam M, Iswarya A, Indumathi T, **Vaseeharan B***, Pachaiappan R, Gopi N, Velusamy P. Antibiofilm Competency of *Portunus pelagicus* Haemolymph and Identification of its Bioactive Compounds. Journal of Aquaculture Research and Development. 7(8); 1000444. (**Impact Factor:1.3**)
91. Mohandoss S, Sivakamavalli J, **Vaseeharan B**, Stalin T. Host-guest molecular recognition-based fluorescence *On-Off-On* chemosensor for nanomolar level detection of Cu^{2+} and $\text{Cr}_2\text{O}_7^{2-}$ ions: Application in XNOR logic

- gate and human lung cancer living cell imaging. *Sensors and Actuators B: Chemical*. 234; 300–315. **(Impact Factor:4.75)**
90. Vijayakumar S, Malaikozhundan B, Ramasamy P, **Vaseeharan B***. Assessment of biopolymer stabilized silver nanoparticle for their ecotoxicity on *Ceriodaphnia cornuta* and antibiofilm activity. *Journal of Environmental Chemical Engineering*. 4(2); 2076-2083. **(Impact Factor:1.428)**
89. Gobi N, Malaikozhundan B, Vijayakumar S, Shanthi S, **Vaseeharan B***, Jayakumar R, Nazar A K. GFP tagged *Vibrio parahaemolyticus* Dahv2 infection and the protective effects of the probiotic *Bacillus licheniformis* Dahb1 on the growth, immune and antioxidant responses in *Pangasius hypophthalmus*. *Fish and Shellfish Immunology*. 52; 230-238. **(Impact Factor:3.025)**
88. Manju S, Malaikozhundan B, Boonsirm W, **Vaseeharan B***. Essential oils of *Nigella sativa* protect *Artemia* from the pathogenic effect of *Vibrio parahaemolyticus* Dahv2. *Journal of Invertebrate Pathology*. 136; 43-49. **(Impact Factor:2.19)**
87. Ishwarya R, Jayanthi S, Muthulakshmi P, Anjugam M, Jayakumar R, Nazar A K, **Vaseeharan B***. Immune indices and identical functions of two prophenoloxidases from the haemolymph of green tiger shrimp *Penaeus semisulcatus* and its antibiofilm activity. *Fish and Shellfish Immunology*. 51; 220-228. **(Impact Factor:3.025)**
86. Shanthi S, David Jayaseelan B, Velusamy P, Vijayakumar S, Chih C T, **Vaseeharan B***. Biosynthesis of silver nanoparticles using a probiotic *Bacillus licheniformis* Dahb1 and their antibiofilm activity and toxicity effects in *Ceriodaphnia corunta*. *Microbial Pathogenesis*. 93; 70-77. **(Impact Factor: 1.88)**
85. Jaishabanu A, Lakshmikanthan P, Vimal G, Sivakamavalli J, **Vaseeharan B**, Ekambaram P. Tamarind seed coat ameliorates fluoride induced cytotoxicity, oxidative stress, mitochondrial dysfunction and apoptosis in A549 cells. *Journal of Hazardous Materials*. 301; 554-565. **(Impact Factor: 4.8)**
84. Banumathi B, Malaikozhundan B, **Vaseeharan B***. *In vitro* acaricidal activity of ethnoveterinary plants and green synthesis of zinc oxide nanoparticles against *Rhipicephalus (Boophilus) microplus*. *Veterinary Parasitology*. 216; 93-100. **(Impact Factor: 2.2)**
83. Anjugam M, Iswarya A, **Vaseeharan B***. Multifunctional role of β -1, 3 glucan- binding protein purified from the haemocytes of blue swimmer crab *Portunus pelagicus* and in vitro antibacterial activity of reaction product. *Fish & Shellfish Immunology*. 48; 196-205. **(Impact Factor: 3.025)**
82. Manju S, Malaikozhundan B, Vijayakumar S, Shanthi S, Jaishabanu A, Ekambaram P, **Vaseeharan B***. Antibacterial, antibiofilm and cytotoxic effects of *Nigella sativa* essential oil coated gold nanoparticles. *Microbial Pathogenesis*. 91; 129-135. **(Impact Factor: 1.88)**.
81. Sivakamavalli J, Selvaraj C, Sanjeev K S and **Vaseeharan B***. Modelling of macromolecular proteins in prophenoloxidase cascade through experimental and computational approaches. *Biotechnology & Applied Biochemistry*. **(Impact Factor:1.429)**
80. Sivakamavalli J, Selvaraj C, Sanjeev K S, **Vaseeharan B***. *In vitro* and in silico studies on cell adhesion protein peroxinectin from *Fenneropenaeus indicus* and screening of heme blockers against activity. *Journal of Molecular Recognition*. **(Impact Factor: 2.091)**

YEAR – 2015

Impact Factor: 26.971

International: 12

National: 00

79. Mohandoss S, Sivakamavalli J, **Vaseeharan B**, Thambusamy S. Fluorometric sensing of Pb²⁺ and CrO₄²⁻ ions through host–guest inclusion for human lung cancer live cell imaging. *Royal Society of Chemistry*. 5(123); 101802-101818. **(Impact Factor: 3.28)**
78. Velusamy P, Pachaiappan R, Christopher M, **Vaseeharan B**, Anbu P, Jae-Seong So. Isolation and identification of a novel fibrinolytic *Bacillus tequilensis* CWD-67 from dumping soils enriched with poultry wastes. *Journal of General and Applied Microbiology*. 61. **(Impact Factor:0.943)**
77. Banumathi B, **Vaseeharan B***. A Report on medicinal plants used in ethno veterinary practices of toda tribe in the Nilgiri Hills. *Journal of Veterinary Science & Technology* 6(5); 1-6. **(Impact Factor:0.16)**

76. **Vaseeharan B***, Sivakamavalli J, Thaya R. Synthesis and characterization of chitosan-ZnO composite and its antibiofilm activity against aquatic bacteria. *Journal of Composite Materials* 49; 177–184. **(Impact Factor:1.257)**
75. Velusamy P, Das J, Pachaiappan R, **Vaseeharan B**, Pandian K. Greener approach for synthesis of antibacterial silver nanoparticles using aqueous solution of neem gum (*Azadirachta indica* L.). *Industrial Crops and Products* 66; 103-109. **(Impact Factor: 3.449)**
74. Vijayakumar S, Vinoj G, Malaikozhundan B, Shanthi S **Vaseeharan B***. *Plectranthus amboinicus* leaf extract mediated synthesis of zinc oxide nanoparticles and its control of methicillin resistant *Staphylococcus aureus* biofilm and blood sucking mosquito larvae. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 137; 886-891. **(Impact Factor: 2.098)**
73. Vinoj G, Jayakumar R, Chen JC, Boonsirm W, Shanthi S, **Vaseeharan B***. N-hexanoyl-L-homoserine lactone-degrading *Pseudomonas aeruginosa* PsDAHP1 protects zebrafish against *Vibrio parahaemolyticus* infection. *Fish and Shellfish Immunology*. 42(1); 204-212. **(Impact Factor: 3.025)**
72. Sivakamavalli J, Nirosha R, **Vaseeharan B***. Purification and characterization of a cysteine-rich 14-kDa antibacterial peptide from the granular hemocytes of mangrove crab *Episesarma tetragonum* and its antibiofilm activity. *Applied Biochemistry and Biotechnology Journal*. **(Impact Factor: 1.429)**
71. Sivakamavalli J, Chandrabose Selvaraj, Sanjeev K S, **Vaseeharan B***. Molecular cloning, relative expression and structural analysis of pattern recognition molecule β - glucan binding protein from mangrove crab *Episesarma tetragonum*. *Biotechnology and Applied Biochemistry* 62(3); 416-423. **(Impact Factor: 1.35)**
70. Rajakumaran P, **Vaseeharan B***. Survey on penaeidae shrimp diversity and exploitation in south east coast of India. *Fisheries and Aquaculture Journal* 5(103); 2.
69. Sivakamavalli J, **Vaseeharan B***. Enzymatic elucidation of haemocyanin from Kuruma shrimp *Marsupenaeus japonicus* and its molecular recognition mechanism towards pathogens. *Journal of biomolecular Structure & Dynamics* 9:1-13. **(Impact Factor: 4.99)**.
68. Sivakamavalli J, Sunil Kumar Tripathi, Sanjeev K S, **Vaseeharan B***. Homology modeling, molecular dynamics, and docking studies of pattern-recognition transmembrane protein-lipopolysaccharide and β -1, 3 glucan-binding protein from *Fenneropenaeus indicus*. *Journal of Biomolecular Structure & Dynamics* 20; 1-12. **(Impact Factor: 4.99)**

YEAR – 2014

Impact Factor: 44.273

International: 19

National: 00

67. Manju S, Malaikozhundan B, Chen JC, **Vaseeharan B***. Essential oil of *Nigella sativa*-based synthesis of silver nanoparticles and its effect on pathogenic *Vibrio harveyi* and *Vibrio parahaemolyticus* isolated from aquatic environments. *Journal of the Fisheries Society of Taiwan* 41(2); 123-134.
66. Rajamohamed Kalanjiam MA, Malaikozhundan B, Girija V, Gobi N and **Vaseeharan B***. Effect of guar (olobus) meal-based diets on growth performance and feed utilization in asian catfish, *Pangasianodon hypophthalmus* fingerlings. *Journal of the Fisheries Society of Taiwan* 419(2); 135-144.
65. Sivakamavalli J, Deepa O, **Vaseeharan B***. Discrete nanoparticles of *Ruta graveolens* induces the bacterial and fungal biofilm inhibition. *Cell Communication & Adhesion* 21(4); 229-38. **(Impact Factor: 1.955)**
64. Selvaraj C, Sivakamavalli J, **Vaseeharan B**, Singh P, Sanjeev K S. Examine the characterization of biofilm formation and inhibition by targeting SrtA mechanism in *Bacillus subtilis*: a combined experimental and theoretical study. *Journal of Molecular Modeling* 20(8); 2364. **(Impact Factor: 1.867)**
63. Vinoj G, **Vaseeharan B***, Thomas S, Spiers AJ, Shanthi S. Quorum-Quenching activity of the AHL-lactonase from *Bacillus licheniformis* DAHB1 inhibits *Vibrio* biofilm formation in vitro and reduces shrimp intestinal colonization and mortality. *Marine Biotechnology*. 16(6); 707-715. **(Impact Factor: 2.7)**
62. Rajakumaran P, **Vaseeharan B***, Jayakumar R, Chidambaram R. Conformation of phylogenetic relationship of Penaeidae shrimp based on morphometric and molecular investigations. *Conformation Cytology and Genetics* 48(6); 17-24. **(Impact Factor: 0.28)**

61. Shanthi S, Manju S, Rajakumaran P, **Vaseeharan B***. Molecular cloning of peroxinectin gene and its expression in response to peptidoglycan and *Vibrio harveyi* in Indian white shrimp *Fenneropenaeus indicus*. Cell Communication and Adhesion 29; 1-9. **(Impact Factor: 1.955)**
60. **Vaseeharan B***, Thaya R. Medicinal plant derivatives as immunostimulants: an alternative to chemotherapeutics and antibiotics in aquaculture. Aquaculture International.22; 1079-1091. **(Impact Factor-1.04)**
59. Sivakamavalli J, **Vaseeharan B***. Variations in biochemical and histological characteristics of WSSV infected green tiger shrimp *Penaeus semisulcatus*. Journal of Receptors and Signal Transduction 34(5); 386-9. **(Impact Factor: 1.630)**
58. Selvaraj C, Sivakamavalli J, **Vaseeharan B**, P Singh, Sanjeev K S. Structural elucidation of SrtA enzyme in *Enterococcus faecalis*: An emphasis on screening of potential inhibitors against the biofilm formation. Molecular Biosystems 10(7); 177-89. **(Impact Factor: 3.35)**
57. Sivakamavalli J, **Vaseeharan B***. Bifunctional role of a pattern recognition molecule β -1, 3 glucan binding protein purified from mangrove crab *Episesarma tetragonum*. Journal of Invertebrate Pathology 119; 25-31. **(Impact Factor: 2.669)**
56. Sivakamavalli J, **Vaseeharan B***. Purification, characterization and functional role of lectin from green tiger shrimp *Penaeus semisulcatus*. International Journal of Biological Macromolecules 67; 64-70. **(Impact Factor: 2.37)**
55. Rashmirekha Pati, Ranjit Kumar Mehta, Soumitra Mohanty, Avinash Padhi, Mitali Sengupta, **Vaseeharan B**, Chandan Goswami, Avinash Sonawane. Topical application of zinc oxide nanoparticles reduces bacterial skin infection in mice and exhibits antibacterial activity by inducing oxidative stress response and cell membrane disintegration in macrophages. Nanomedicine: Nanotechnology, Biology, and Medicine 10(6); 1195-208. **(Impact Factor: 6.93)**
54. Selvaraj C, Sivakamavalli J, **Vaseeharan B**, Sanjeev K S. Virtual screening of LPXTG competitive SrtA inhibitors targeting signal transduction mechanism in *Bacillus anthracis*: a combined experimental and theoretical study. Journal of Receptors and Signal Transduction 34(3); 221-32. **(Impact Factor: 1.630)**
53. Sivakamavalli J, Selvaraj C, Sanjeev K S, **Vaseeharan B***. Interaction investigations of crustacean β -GBP recognition toward pathogenic microbial cell membrane and stimulate upon prophenoloxidase activation. Journal of Molecular Recognition 27; 173–183. **(Impact Factor: 3.006)**
52. Shanthi S and **Vaseeharan B***. Alpha 2 macroglobulin gene and their expression in response to GFP tagged *Vibrio parahaemolyticus* and WSSV pathogens in Indian white shrimp *Fenneropenaeus indicus*. Aquaculture 418; 48-54. **(Impact factor- 2.009)**
51. Vinoj G, **Vaseeharan B***, Brennan G. Green fluorescent protein visualization of *Vibrio parahaemolyticus* infections in Indian white shrimp *Fenneropenaeus indicus* (H Milne Edwards). Aquaculture Research 1–12. **(Impact Factor-1.42)**
50. Sivakamavalli J, Selvaraj C, Singh SK & **Vaseeharan B***. Exploration of protein–protein interaction effects on α -2-macroglobulin in an inhibition of serine protease through gene expression and molecular simulations. Journal of Biomolecular Structure and Dynamics 32(11); 1841-54. **(Impact Factor-4.986)**
49. Vinoj G, Pati R, Sonawane A, **Vaseeharan B***. In vitro cytotoxic effects of gold nanoparticles coated with functional AHL Lactonase protein from *Bacillus licheniformis* and its antibiofilm activity against *Proteus species*. Antimicrobial agents and chemotherapy. 59(2); 763-771. **(Impact Factor: 4.476)**

YEAR – 2013

Impact Factor: 11.607

International: 09

National: 01

48. Shanmuga Priya A, Sivakamavalli J, **Vaseeharan B**, Stalin T. Improvement on dissolution rate of inclusion complex of Rifabutin drug with β -cyclodextrin. International Journal of Biological Macromolecules 62; 472–480. **(Impact Factor: 2.37)**
47. **Vaseeharan B***, Ramasamy P, Godwin Wesley S and Chen JC. Influence of acute salinity changes on biochemical, hematological and immune characteristics of *Fenneropenaeus indicus* during white spot syndrome virus challenge. Microbiology Immunology 57; 463–469. **(Impact factor- 1.545)**

46. Sivakamavalli J and **Vaseeharan B***. Purification and characterisation of beta 1, 3, glucan binding from green tiger shrimp *Penaeus semisulcatus*. Fish and Shellfish Immunology 35; 689-96. **(Impact factor- 2.96)**
45. David Jayaseelan B, **Vaseeharan B***, Maharajan A, Shanthi S, Vinoj G. Vibriostatic effects of probiotics *Bacillus licheniformis* Dabhl and its molecular phylogeny resolved through RAPD markers. Annals of Microbiology 63; 1601–1609. **(Impact Factor-1.232)**
44. Sivakamavalli J, Rajakumaran P & **Vaseeharan B***. *In vitro* studies on cellular mediated immune response in haemocytes of crab *Episesarma tetragonum*. International Journal of Molecular Zoology 3; 24-31. **(doi: 10.5376/ijmz.2013.03.0007)**
43. Isaac R, Gobalakrishnan S, Rajan G, Wu RJ, Pamanji SR, Khagga M, **Vaseeharan B**, and Chavali M. An overview of facile green biogenic synthetic routes and applications of platinum nanoparticles. Advanced science, Engineering and Medicine 5(8); 763-770. **(doi: <http://dx.doi.org/10.1166/asem.2013.1377>)**
42. Vinoj G, **Vaseeharan B***, David Jayaseelan B, Rajakumaran P, Ravi C. Inhibitory effects of *Bacillus licheniformis* (DAB1) and *Pseudomonas aeruginosa* (DAP1) against *Vibrio parahaemolyticus* isolated from *Fenneropenaeus indicus*. Aquaculture International 21; 1121-1135. **(Impact Factor-1.04)**
41. Rajakumaran P, **Vaseeharan B***, Anita Yeshvadh V. Molecular characterization of economically important penaeid populations in south east coast of India. International Journal of Aquaculture, Vol.3, No.19, 105-114. **(doi: 10.5376/ija.2013.03.0019)**
40. **Vaseeharan B***, Rajakumaran P, David Jayaseelan B, Anita Yeshvadh V. Molecular markers and their application in genetic diversity of penaeid shrimp. Aquaculture International 21; 219-241. **(Impact Factor-1.04)**
39. **Vaseeharan B***, Manju S, Ramasamy P. Inhibitory activity of essential oils from medicinal plants against *Pseudomonas spp.* Isolated from aquatic environments. Aquaculture Research 45; 97-105. **(Impact factor 1.42)**

YEAR – 2012

Impact Factor: 12.382

International: 09

National: 03

38. Manikandan R, Beulaja M, Thiagarajan R, Priyadarsini A, S Palanisamy, Meiyalagan V , Arumugam M , Prabhu N M, **Vaseeharan B**. Protective effect of ferulic acid and resveratrol against alloxan-induced diabetes in mice. European Journal of Pharmacology 690; 226-235. **(Impact factor- 2.59)**
37. Sivakamavalli J and **Vaseeharan B***. cDNA cloning, characterization and expression of lipopolysaccharide and β -1,3-glucan binding protein (LGBP) gene from the Indian white shrimp *Fenneropenaeus indicus*. Journal of Molecular Comparative Biochemistry and Physiology, Part A, Molecular & Integrative Physiology 163; 74–81. **(Impact Factor-2.235)**
36. Sivakamavalli J, Rajakumaran P and **Vaseeharan B***. Prophenoloxidase and immune indices of Indian white shrimp *Fenneropenaeus indicus*. Journal of Aquaculture Research & Development 3; 6. **(Impact Factor-0.62)**
35. Sivakamavalli J, **Vaseeharan B***, Shanthi S, Prabhu N M, Manikandan R, Ravi C, Prem Anand T. *In silico* analysis of lipopolysaccharide and β -1, 3-glucan binding protein (LGBP) gene from the haemocytes of Indian white shrimp *Fenneropenaeus indicus*. Research in Biotechnology 3(3); 26-36.
34. **Vaseeharan B***, Shanthi S, Chen JC, Montserrat E. Molecular cloning, sequence analysis and expression of Fein-Penaetid from the haemocytes of Indian white shrimp *Fenneropenaeus indicus*. Results in Immunology 2; 35–43. **(doi: 10.1016/j.rinim.2012.02.001)**
33. **Vaseeharan B***, Clara G, Lin YC, Chen JC. Green synthesis of silver nanoparticles through *Calotropis procera* leaf extracts and evaluation of antibacterial activity against *Vibrio alginolyticus*. Nanotechnology Development 2(3); 12-16. **(doi: <http://dx.doi.org/10.4081/nd.2012.e3>)**
32. Latha M, Prabhu N M, Manikandan R, **Vaseeharan B**. Antibacterial effect of green synthesized silver nanoparticles against *Vibrio* sp. Isolated from broiler chicken. Journal of Advanced Scientific Research 3(4); 51-54.

31. Prabhu N M, **Vaseeharan B**, Manikandan R, Devi K. Diabetes diagnostics challenges and holistic type of management-A review. *Inventi Rapid: Pharm Tech* 2; 195. **(Impact Factor: 0.23)**
30. Nisha RG, Prabhu N M, Manikandan R, **Vaseeharan B**. Gestational diabetes mellitus: complications and its management – A review. *Journal of Current Research in Ayurvedic and Pharmaceutical Sciences* **(Impact Factor: 0.3)**
29. Sivakamavalli J and **Vaseeharan B***. Biosynthesis of silver nanoparticles by *Cissus quadrangularis*. *Materials Letters* 82; 171–173. **(Impact factor 2.307)**
28. Shanthi S, **Vaseeharan B***. cDNA cloning, characterization and expression analysis of a novel antimicrobial peptide gene penaeidin-3 (Fi-Pen3) from the haemocytes of Indian white shrimp *Fenneropenaeus indicus*. *Microbiological Research* 20; 167(3):127-34. **(Impact factor 2.308)**
27. Manikandan R, Beulaja M, Arulvasu C, Sellamuthu S, Dinesh D, Prabhu D, Babu G, **Vaseeharan B**, Prabhu N M. Synergistic anticancer activity of curcumin and catechin: An in vitro study using human cancer cell lines. *Microscopy Research & Technique* 75(2); 112-6. **(Impact factor 1.792)**

YEAR – 2011

Impact Factor: 9.327

International: 05

National: 02

26. Maharajan A, **Vaseeharan B**, Rajalakshmi S, Vijayakumaran M, Kumarasamy P, Chen JC. Effect of copper on morphology, weight, and chromosomal aberrations in the spiny lobster, *Panulirus homarus* (Linnaeus, 1758). *Biological Trace Elements Research* 144(1-3); 769-80. **(Impact factor 1.923)**
25. Sivaram V and **Vaseeharan B***. Shell-bound iron dependant nitric oxide synthesis in encysted *Artemia parthenogenetica* embryos during hydrogen peroxide exposure; *BioMetals* 24(6); 1035-44. **(Impact factor 3.172)**
24. Esakkirajan M, Prabhu N M, Manikandan R, **Vaseeharan B**. War against cancer – complementary alternative medicine and holistic life style approaches as combat strategies – A review. *Inventi Rapid: Pharm Tech* 2; 195 **(Impact Factor: 0.232)**
23. **Vaseeharan B***, Sivakamavalli J. *In silico* homology modeling of prophenoloxidase activating factor serine proteinase gene from the haemocytes of *Fenneropenaeus indicus*. *Journal of Proteomics and Bioinformatics*, 4 (2); 053-057. **(doi:10.4172/jpb.1000166)**
22. Prabhu N M, Esakkirajan M, **Vaseeharan B** and Manikandan R. Scope of complementary alternative medicine on the control of swine flu-A review. *Indian Journal of Natural Science* 1(6); 334-337.
21. **Vaseeharan B***, Shanthi S, Prabhu N M. A novel clip domain serine proteinase (SPs) gene from the haemocytes of Indian white shrimp *Fenneropenaeus indicus*. *Fish and Shellfish Immunology* 30(3); 980-5 **(Impact factor 2.96)**
20. **Vaseeharan B***, Sai Prasad G, Ramasamy P, Brennan G. Antibacterial activity of *Allium sativum* against multidrug-resistant *Vibrio harveyi* isolated from black gill-diseased *Fenneropenaeus indicus*. *Aquaculture International* 19; 531-539. **(Impact factor 1.04)**

YEAR – 2010

Impact Factor: 4.837

International: 03

National: 00

19. **Vaseeharan B***, Ramasamy P, Chen JC. Antibacterial activity of silver nanoparticle (AgNpS) synthesized by tea leaf extract against pathogenic *Vibrio harveyi* and its protective efficacy on juvenile *Fenneropenaeus indicus*. *Letters in Applied Microbiology* 50(4); 352-6 **(Impact factor: 1.647)**
18. **Vaseeharan B***, Ramasamy P, Srinivasan P, Manikandan R, Arulvasu C, Prabhu N.M. Isolation and characterization of pharmaceutically important fungal microflora from *Penaeus monodon* culture system. *Inventi Journals: Pharm Tech* 3; 156-160 **(Impact factor: 0.23)**

17. Lin YC, **Vaseeharan B**, Chen JC. Molecular cloning of mud crab *Scylla serrata* peroxinectin and its expression following *Vibrio alginolyticus* and peptidoglycan injections. Fish and Shellfish Immunology 28(1); 205-11. (Impact factor: 2.96)

YEAR – 2008

Impact Factor: 10.777

International: 04

National: 00

16. Lin YC, **Vaseeharan B**, Chen JC. Molecular cloning and phylogenetic analysis on α 2-macroglobulin (α 2-M) of white shrimp *Litopenaeus vannamei*. Developmental and Comparative Immunology 32; 317-29. (Impact factor: 3.24)
15. Lin YC, **Vaseeharan B**, Chen JC. Identification and phylogenetic analysis on lipopolysaccharide and β -1,3-glucan binding protein (LGBP) of kuruma shrimp *Marsupenaeus japonicas*. Developmental and Comparative Immunology 32; 1260–1269. (Impact factor: 3.24)
14. **Vaseeharan B***, Raffiq Hussian M and Chen JC. RpoN gene, RAPD profile, antimicrobial resistance and plasmids of *Vibrio anguillarum* isolates from vibriosis infected *Penaeus monodon*. Letters in Applied Microbiology 47; 380–385. (Impact factor: 1.647)
13. Lin YC, **Vaseeharan B**, Chen JC. Identification of the extracellular copper–zinc superoxide dismutase (ecCuZnSOD) gene of the mud crab *Scylla serrata* and its expression following β -glucan and peptidoglycan injections. Molecular Immunology 45; 1346-55. (Impact factor: 2.65)

YEAR – 2007

Impact Factor: 13.486

International: 05

National: 00

12. Lin YC, **Vaseeharan B**, Ko CF, Chiou TT, Chen JC. Molecular cloning and characterization of a protease inhibitor gene alpha 2- macroglobulin (α 2-M) from the haemocytes of giant tiger shrimp *Penaeus monodon*. Molecular Immunology 44; 1065-1074. (Impact factor: 2.65)
11. Ko CF, Chiou TT, **Vaseeharan B**, Lu JK, Chen JC. Cloning and characterization of a prophenoloxidase from the haemocytes of mud crab *Scylla serrata*. Developmental and Comparative Immunology 31; 12-22. (Impact factor: 3.293)
10. **Vaseeharan B**, Lin YC, Ko CF, Chiou TT, Chen JC. Molecular cloning and characterization of a thioester-containing α 2-macroglobulin (α 2-M) from the haemocytes of mud crab *Scylla serrata*. Fish and Shellfish Immunology 22; 115-130. (Impact factor: 2.96)
9. **Vaseeharan B***, Sundararaj S., Murugan T, Chen JC. *Photobacterium damsela* ssp. *Damsela* associated with diseased black tiger shrimp *Penaeus monodon* Fabricius in India. Letters in Applied Microbiology 45(1); 82-86. (Impact factor: 1.623)
8. Ndong D, Chen YY, Lin YH, **Vaseeharan B**, Chen JC. The immune response of tilapia *Oreochromis mossambicus* and its susceptibility to *Streptococcus iniae* under temperatures stress. Fish and Shellfish Immunology 22; 686-694. (Impact factor: 2.96)

YEAR – 2006

Impact Factor: 4.607

International: 02

National: 00

7. **Vaseeharan B***, Prem Anand T, Murugan T, Chen JC. Shrimp vaccination trials with the VP292 protein of white spot syndrome virus. Letters in Applied Microbiology 43; 137-141. (**Impact factor: 1.647**)
6. **Vaseeharan B***, Lin YC, Ko CF, Chen JC. Cloning and characterization of a serine proteinase from the haemocytes of mud crab *Scylla serrata*. Fish and Shellfish Immunology 21; 20-31. (**Impact factor: 2.96**)

YEAR – 2005

Impact Factor: 4.128

International: 01

National: 00

5. **Vaseeharan B***, Ramasamy P, Murugan T, Chen JC. In vitro susceptibility of antibiotics against *Vibrio* spp. And *Aeromonas* spp. Isolated from *Penaeus monodon* hatcheries and ponds. International Journal of Antimicrobial Agents 26; 285-291. (**Impact factor: 4.128**)

YEAR – 2004

Impact Factor: 2.044

International: 01

National: 00

4. **Vaseeharan B***, Ramasamy P. Effect of probiotics, antibiotic sensitivity, pathogenicity, and plasmid profiles of *Listonella anguillarum*-like bacteria isolated from *Penaeus monodon* culture systems. Aquaculture, 241; 77-91. (**Impact factor: 2.044**)

YEAR – 2003

Impact Factor: 5.284

International: 03

National: 00

3. **Vaseeharan B*** Ramasamy P. Control of pathogenic *Vibrio* spp. By *Bacillus subtilis* BT23, a possible probiotic treatment for Black Tiger shrimp *Penaeus monodon*. Letters in Applied Microbiology 36(2); 83-87. (**Impact factor: 1.647**)
2. **Vaseeharan B***, Jayakumar R., Ramasamy P. PCR based detection of white spot syndrome virus in cultured and captured crustaceans in India. Letters in Applied Microbiology 37; 443-447. (**Impact factor: 1.647**)
1. **Vaseeharan B***, Ramasamy P. Abundance of potentially pathogenic micro-organisms in *Penaeus monodon* larvae rearing systems in India. Microbiological Research 158 (4); 299-308. (**Impact factor: 1.99**)

Protein Gene Sequences published in NCBI and Accession No.

S. No	Gene Sequences published in NCBI	Accession No
2011-2015		
1	<i>Penaeus monodon</i> isolate CMBG-BVS02 cytochrome c oxidase subunit 1 (COI) gene	KF192815
2	Cytochrome c oxidase subunit 1, <i>Penaeus semisulcatus</i>	KF192814
3	Cytochrome c oxidase subunit 1, <i>Fenneropenaeus indicus</i>	KF192816
4	Cytochrome c oxidase subunit 1, <i>Metapenaeus ensis</i>	KF192817
5	Fenneropenaeus indicus- $\alpha 2$ –Macroglobulin gene	HM992835
6	Metallo-beta-lactamase (<i>Bacillus licheniformis</i>)	JQ284448
7	Fenneropenaeus indicus penaeidin 3 (PEN-3) mRNA	HM535650
8	<i>Fenneropenaeus indicus</i> lipopolysaccharide and beta-1,3-glucan binding protein-like (LGBP)	HQ318720
9	<i>Scylla tranquebarica</i> serine proteinase-like protein mRNA, complete cds	HQ149307
10	Fenneropenaeus indicus –serine proteinase like protein G	HM992834
11	Fenneropenaeus indicus prophenoloxidase activating factor serine proteinase mRNA gene	HM368165
2006-2010		
12	<i>Scylla serrata</i> Peroxinectin mRNA gene	EU599182

Baskaralingam Vaseeharan

13	Fenneropenaeus indicus penaeidin (PEN) mRNA,	HM535649
14	Urate oxidase, partial (<i>Scylla serrata</i>)	FJ478146
15	<i>Marsupenaeus</i> haracter Pattern Recognition Protein LGBP mRNA gene	EU267001
16	<i>Scylla serrata</i> extracellular copper/zinc superoxide dismutase	EF100890
17	<i>Litopenaeus vannamei</i> Alpha 2 macroglobulin	DQ988330
18	<i>Scylla serrata</i> beta actin	EF100891
19	<i>Scylla serrata</i> Prophenoloxidase activating factor serine proteinase (PPAF-SP)	AY946200
20	<i>Scylla serrata</i> Prophenoloxidase gene	DQ435606
21	<i>Penaeus monodon</i> $\alpha 2$ –Macroglobulin gene	DQ355145
22	<i>Scylla serrata</i> $\alpha 2$ –Macroglobulin gene	DQ347954

Bacterial Species Gene Sequences published in NCBI and Accession No.

S. No	Gene Sequences published in NCBI	Accession No
2019-2020		
1	<i>Vibrio alginolyticus</i> strain VASEE-S1 16S ribosomal RNA gene	MT013378
2	<i>Vibrio harveyi</i> strain VASEE-S2 16S ribosomal RNA gene	MT013379
3	<i>Bacillus subtilis</i> strain VASEE-S PRO 16S ribosomal RNA gene	MT013380
2015-2016		
4	<i>Bacillus horneckiae</i> strain DAHMSMIV 004 16S ribosomal RNA gene	KT763081
5	<i>Shigella sonnei</i> strain DAHMSMJVV 003 16S ribosomal RNA gene	KT763080
6	<i>Bacillus licheniformis</i> strain DAHMSMIV 002 16S ribosomal RNA gene	KT763079
7	<i>Bacillus subtilis</i> strain DAHMSM 001 16S ribosomal RNA gene	KT763078
8	<i>Enterobacter cloacae</i> subsp. Dissolvens strain 21FC2 16S ribosomal RNA gene	KR149285
9	<i>Enterobacter cloacae</i> subsp. Dissolvens strain 21FC2 16S ribosomal RNA gene	KR149285
10	<i>Pseudomonas aeruginosa</i> strain BPH2 16S ribosomal RNA gene, partial sequence	KP244468
11	<i>Proteus sp.</i> DahE1 16S ribosomal RNA gene	HQ640435
12	<i>Proteus vulgaris</i> strain DahP3 16S ribosomal RNA gene	HQ640434
13	<i>Proteus vulgaris</i> strain Dahp1 16S ribosomal RNA gene	HQ116441
14	<i>Proteus sp.</i> Dahp1 16S ribosomal RNA gene	HQ009354
2014-2013		
15	<i>Bacillus tequilensis</i> strain CWD-67 16S ribosomal RNA gene, partial sequence	KF897935
16	<i>Pseudomonas aeruginosa</i> strain PPS02 16S ribosomal RNA gene	KF769540
17	<i>Pseudomonas aeruginosa</i> strain FA02 16S ribosomal RNA gene	KF769537
18	<i>Shigella sonnei</i> strain SSE10 16S ribosomal RNA gene	KF769531
19	<i>Citrobacter murlinae</i> strain DAHC3 16S ribosomal RNA gene	KC465906
20	<i>Citrobacter freundii</i> strain DAHC2 16S ribosomal RNA gene	KC465905
21	<i>Morganella morgani</i> strain DAHM1 16S ribosomal RNA gene	KC465904
22	<i>Bacillus thuringiensis</i> strain P1 16S ribosomal RNA gene	KC465903
23	<i>Bacillus licheniformis</i> strain Dahb1 16S ribosomal RNA gene	HM235407
24	<i>Vibrio parahaemolyticus</i> strain DAHMOV3 16S ribosomal RNA gene	KC476545
2010-2012		
25	<i>Klebsiella sp.</i> DAHC1 16S ribosomal RNA gene	HQ827782
26	<i>Citrobacter amalonaticus</i> strain DAHC2 16S ribosomal RNA	HQ830347
27	<i>Enterococcus faecalis</i> strain DahE1 16S ribosomal RNA gene	HQ693279
28	<i>Bacillus thuringiensis</i> strain Dahb4 16S ribosomal RNA gene	HQ693278
29	<i>Pseudomonas sp.</i> Dahp4 16S ribosomal RNA gene	HQ693277
30	<i>Vibrio sp.</i> Dahv3 16S ribosomal RNA gene, partial sequence	HQ693276
31	<i>Vibrio parahaemolyticus</i> strain Dahv2 16S ribosomal RNA gene	HQ693275
32	<i>Pseudomonas aeruginosa</i> strain Dahp2 16S ribosomal RNA gene	HQ693274
33	<i>Bacillus pumilus</i> strain Dahb3 16S ribosomal RNA gene	HQ693273
34	<i>Pseudomonas aeruginosa</i> strain Dahp3 16S ribosomal RNA gene	HQ693272
35	<i>Vibrio parahaemolyticus</i> strain Dahp1 16S ribosomal RNA gene	HQ625651
36	<i>Pseudomonas aeruginosa</i> strain Dahp1 16S ribosomal RNA gene-	HQ400663
37	<i>Bacillus sp.</i> DahB2 16S ribosomal RNA gene	HQ116443
38	<i>Proteus sp.</i> Dahp2 16S ribosomal RNA gene	HQ116442

[H. ABSTRACTS | CONFERENCES | SYMPOSIA | MEETINGS](#)

[FULL PAPERS/ PARTICIPATED/INVITED LECTURES – 26](#)

1. 2019-Resorce person in international conference on “Recent Advancement on Biomolecule Inventions- RABI’19” organized by dept of zoology, Holy Cross College, held on 26-27 July 2019, Nagercoil, India.

2. 2018- Invited Lecture on “Biodiversity of Crustaceans and immune related genes in invertebrates” at World animal day celebrations – A two-day national seminar on Biodiversity conservation and management strategies held on 4th & 5th October 2018 at Seethalakshmi Achi College for Women, Pallathur, Tamilnadu.
3. 2018- **Vaseeharan.B** and M. Abinaya, presented “Genetic diversity of Penaeid shrimps and Molecular Characterisation of Immune Related Genes in Crustaceans” in the International Workshop on Modern Techniques for Molecular and Morphological Characterization of Crustaceans held on 25th June – 6th July 2018, Annamali University, Parangipettai, Tamilnadu.
4. 2017- **Vaseeharan.B**, participated in QS BRICS University Ranking 2018 and Round Table discussion on “Building World Class Universities in India” held on 22nd November 2017 at Indian Habitat Center, New Delhi.
5. 2017- **Vaseeharan.B**, Anjugam Mahalingam, Iswarya Arokyadhas. “Chitosan coated Ag/ZnO nanocomposite against *Vibrio sp*” in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
6. 2017- **Vaseeharan.B**, Iswarya Arokyadhas, Anjugam Mahalingam, Vijayakumar S. “Impact of CS/ALG microspheres on Aquatic pathogen” in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017 Bali, Indonesia
7. 2017 – **Vaseeharan B**. “Immune related genes in Invertebrate”. Invited lecture organized by Department of Microbial Biotechnology, Bharathiar University on 06.01.2017.
8. 2016- **Vaseeharan B**, Participated in International Conference on “Recent Advances in Modern Medicine: molecular signaling scenarios in tissues and diseases” organized by Research and Development Wing, Sree Balaji Medical College and Hospital, Chrompet, Chennai, Tamil Nadu, India. On 3rd and 4th September 2016.
9. 2016- **Vaseeharan B**, Anjugam Mahalingam, Iswarya Arokiadhas. β -glucan binding protein purified from the haemolymph of Indian white shrimp, *Fenneropenaeus indicus* and evaluation of its functional & antimicrobial activity. International Conference on 11th Asian Fisheries & Aquaculture Forum organized by Department of Fisheries of the Royal Thai Government, Asian Fisheries Society, Bangkok, Thailand on 3rd August -7th August
10. 2016- Anjugam Mahalingam, Iswarya Arokiadhas, **Vaseeharan B**. Immunological role of β -glucan binding protein (β -GBP) purified from the haemocytes of mud crab, *Scylla serrata* and its antibiofilm property. International Conference on 11th Asian Fisheries and Aquaculture Forum organized by Department of Fisheries of the Royal Thai Government, Asian Fisheries Society, Bangkok, Thailand on 3rd August -7th August 2016
11. 2015- **Vaseeharan B**. Delivered lecture in National Seminar on “Emerging Trends in Life Science” organized by Department of Zoology, Women’s Christian College, Nagarcoil, on 12th January 2015.
12. 2015- S. Vijay Kumar, **Vaseeharan B**. “Synthesis, characterization, anti biofilm and ecotoxicological evaluation of biopolymer-based silver nanoparticles” in the World Congress on Microscopy Instrumentation, Techniques and Applications in Life Sciences and Materials Sciences Organized By International Unit on Macromolecular Science and Engineering, Mahatma Gandhi University, Kottayam, Kerala on 9th – 11th October 2015.
13. 2014-**Vaseeharan B**, Participated in National Symposium on “Crustacean Biology: Molting, Reproduction and Immunology”, organized by Department of Zoology, University of Madras, Guindy Campus, Chennai, on 27th and 28th June 2014.
14. 2014-**Vaseeharan B**. Discovery of immune related genes for the possible control of crustacean diseases in international conference organized by CAS in marine biology, Faculty of Marine Science, Annamalai University, Parangipettai on Mar 10th – 11th 2014.
15. 2014- **Vaseeharan B**. Bio-Synthesis of silver nanoparticles..... *V. Parahaemolyticus* in the 10th Indian Fisheries Aquaculture Forum (10ifaf), organized by Asian Fisheries Society, Indian Branch (AFSIB), Mangalore, India on 12th to 15th November 2014.
16. 2012-Shanthi S and **Vaseeharan B**. Cloning, Sequencing analysis and tissue expression of antimicrobial peptides (Penaeidin & Penaeidin-3) in Indian white shrimp *Fenneropenaeus indicus* in National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
17. 2012 – **Vaseeharan B**, delivered a talk on “Lecturer Series on Bioscience” organized by Department of Animal Science, Bharathidasan University, Tiruchirappalli, 24th February 2012.
18. 2012- Rajakumaran P and **Vaseeharan B**, Application of molecular marker in genetic diversity analysis on Penaeid shrimp in International Conference on Environmental Security for Food and Health (ICESFH) organized by MTT Hindu College, Tirunelveli on 16th -18th, Feb 2012.
19. 2012, **Vaseeharan B**. Cloning and characterization of a prophenoloxidase from the haemocytes of mud crab *Scylla serrata* in national conference on biotechnological approaches in aquaculture live aqua organized by Department of Zoology, Bharathiyar University, Coimbatore on 1st -3rd Feb 2012.
20. 2010-**Vaseeharan B**. Morphometric relationship and biodiversity of family Penaeidae related by PCR RAPD techniques in National conference on Marine Biotechnology-Present Status and Prospects (MABPSAP-2010) organized by department of Marine Science, Bharathidasan University, Tiruchirappalli held on 16-18th haracter 2010.
21. 2010-**Vaseeharan B**. A Primer to confocal microscopy in international seminar on applications of Confocal microscopy techniques in Animal Health Management (ACAH) organized by department of Animal Health and Management, Alagappa University, Karaikudi on 29th -30th March 2010.
22. 2009- **Vaseeharan B**. The perspective drawbacks of using antibiotics and the production of inhibitory compounds from probiotic bacteria in aquaculture in national seminar on Recent trends in nano marine sciences organized by School of Marine Sciences, Alagappa University, Karaikudi on 23rd and 24th 2009.

23. 2009- Participated in National symposium on “Important of Nanoscience and Technology (INST 2009)” organized by department of Nanoscience and Technology, Alagappa university, Karaikudi on 14 & 15 March, 2009.
24. 2008- **Vaseeharan B.**, Karthikeyan M and Chen JC. Shrimp antimicrobial peptide penaeidins-sequence diversity and functional traits of diverse isoforms in national seminar on Application of Genomics and Bioinformatics in Animal Health and Management organized by Animal Health and Management, Alagappa University, Karaikudi.
25. 2008- Karthikeyan M, **Vaseeharan B.** Applications of stem cells in animal health in national seminar on Application of Genomics and Bioinformatics in Animal Health and Management organized by Animal Health and Management, Alagappa University, Karaikudi.
26. 2007- **Vaseeharan.B.** Participated in Chandrakala Memorial Lecture of INSA on “Molecular regulation of oocyte maturation in an Indian perch, *Anabas testudineus*” organized by National Institute of Ocean Technology, Pallikaranai, Chennai on 12th November 2007.

INTERNATIONAL ABSTRACTS – 95

1. 2020- **B. Vaseeharan** participated in SMART SUMMIT – 2020 held on 15 March 2020, organised by PEARL – A Foundation for Educational Excellence, Bangalore, India
2. 2019- M. Anjugam, A. Iswarya, **B. Vaseeharan.** “Identification of bioactive compounds from the haemolymph of *Portunus pelagicus* and its antibiofilm potential” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
3. 2019-R. Ishwarya, **B. Vaseeharan.** “Identification, characterization and antimicrobial activity of haemoctanin purified from the haemolymph of *Portunus pelagicus*” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
4. 2019-D. Karthik Rajan, **B. Vaseeharan.** “Antibacterial activity and antioxidant potential of hemocyanin extracted from haemolymph of mud crab *Scylla olivacea*” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
5. 2019-S. Jayanthi, **B. Vaseeharan.** “Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab *Portunus pelagicus* and its antibiofilm activity” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
6. 2019-A. Iswarya, **B. Vaseeharan.** “Identification of potential antimicrobial from the haemolymph of crab against antibiotic resistant pathogens” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
7. 2019-V. Vinotha, **B. Vaseeharan.** “Synthesis, characterization of zinc oxide nanoparticles using *Acorus calamus* and efficacy against mosquito vectors” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
8. 2019-M. Divya, **B. Vaseeharan.** “Purification of β -glucan binding protein from *Scylla serrata* and its antibacterial assessment” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
9. 2019-M. Yazhini Prabha, **B. Vaseeharan.** “Bacteriostatic and larvicidal significance of phytofabricated ZnO NPs towards *Cx. quinquefasciatus* larvae and clinical pathogens” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
10. 2019-M. Abinaya, **B. Vaseeharan.** “Ecofriendly adhesive protein-coated ZnO nanoparticles using *Stichodactyla haddoni*: antioxidant, antibacterial properties” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
11. 2019-N. Gopi, L. Guangxu, **B. Vaseeharan.** “The impacts of metal under ocean acidification: Single and combined effects of selenium on mussel, *Mytilus galloprovincialis*” in the 1st international conference on “Recent advancement of biomolecule inventions-RABI 2019 held on 26th & 27th July 2019, Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India.
12. M. Anjugam, A. Iswarya, **B. Vaseeharan.** “ β -1,3- glucan binding protein capped silver nanoparticles; antibacterial and antibiofilm potential against Gram positive *Enterococcus faecalis* and Gram negative *Pseudomonas aeruginosa*” in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.
13. R. Ishwarya, **B. Vaseeharan.** “Purification, characterization, functional and antimicrobial activity of hemocyanin from the haemolymph of *Penaeus semisulcatus*” in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.

14. S. Jaynathi, **B. Vaseeharan**. "Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab *Portunus pelagicus* and its antibiofilm activity" in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.
15. M. Abinaya, **B. Vaseeharan**. "Microbial capsular polysaccharide capped Se NPs- enhanced antibiofil and antioxidant efficacy against aquatic pathogens" in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.
16. M. Divya, **B. Vaseeharan**. "Extraction of β -glucan from yeast & its non-toxic assessment" in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.
17. V. Vinotha, **B. Vaseeharan**. "Synthesis of ZnO nanoparticles using *Costus igneus* leaf extract: antibiofilm and antioxidant properties" in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.
18. D. Karthik Rajan, T. Marudhupandi, **B. Vaseeharan**. "Enhanced immune response and disease resistance of *Litopenaeus vannamei* against *Vibrio alginolyticus* fed diets supplemented with sodium alginate" in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019) held on 24th & 25th July 2019, Alagappa University, Karaikudi, Tamilnadu, India.
19. 2019- **B. Vaseeharan**. "Influence of different temperature on the effects induced by selenium in silver pompano" in the 9th International Conference on Marine pollution and Ecotoxicology held on 10-14th June, 2019, Hongkong, China.
20. 2019- N. Gopi, **B. Vaseeharan**. "Influence of salinity on the biochemical response in *Trachinotus blochii* exposed to selenium" in the 9th International Conference on Marine pollution and Ecotoxicology held on 10-14th June, 2019, Hongkong, China.
21. 2019- M. Yazhini Prabha, **B. Vaseeharan**. "Bacteriostatic significance of hydrofabricated ZnO NPs towards clinical pathogen" in the International conference on Nanomedicine ICON-2019 held on 25th & 26th Feb 2019, Madurai Kamaraj University, Madurai, Tamilnadu, India.
22. 2019- S. Jayanthi, **B. Vaseeharan**. " β -1, glucan binding protein-based zinc oxide nanoparticles enhances the disease resistance in *Cyprinus carpio*" in the International conference on Nanomedicine ICON-2019 held on 25th & 26th Feb 2019, Madurai Kamaraj University, Madurai, Tamilnadu, India.
23. 2019- A. Iswarya, **B. Vaseeharan**. "Lectin based ZnO NPs and antibacterial activity against aquatic bacteria (*Vibrio parahaemolyticus*)" in the International conference on Nanomedicine ICON-2019 held on 25th & 26th Feb 2019, Madurai Kamaraj University, Madurai, Tamilnadu, India.
24. 2019- V. Vinotha, **B. Vaseeharan**. "Synthesis, characterization and efficacy of zinc oxide nanoparticles against mosquito vectors" in the International conference on Nanomedicine ICON-2019 held on 25th & 26th Feb 2019, Madurai Kamaraj University, Madurai, Tamilnadu, India.
25. 2019- R. Rekha, **B. Vaseeharan**. "Biogenic synthesis, characterization of Titanium dioxide (TiO₂) nanoparticles from crustin and their clinical importance" in the 5th International Conference on Nanoscience and Nanotechnology ICONN 2019 held on 28th – 30th Jan 2019, SRM Institute of Science and Technology, Chennai, Tamilnadu, India.
26. 2019- M. Abinaya, **B. Vaseeharan**. "Biosynthesis of microbial exopolymer capped selenium nanowires and enhancement of their antibiofilm, antioxidant and larvicidal activities" in the 5th International Conference on Nanoscience and Nanotechnology ICONN 2019 held on 28th – 30th Jan 2019, SRM Institute of Science and Technology, Chennai, Tamilnadu, India.
27. 2019- M. Divya, **B. Vaseeharan**. "Synthesis of Biopolymer gelatin coated zinc oxide nanoparticles and its prospective effects of hepatocarcinoma cancer cell lines and antiangiogenesis effects" in the 5th International Conference on Nanoscience and Nanotechnology ICONN 2019 held on 28th – 30th Jan 2019, SRM Institute of Science and Technology, Chennai, Tamilnadu, India.
28. 2017- Balasubramanian Malaikozhundan, **Vaseeharan.B.** "Entomopathogenic bacteria, *Bacillus thuringiensis* as biological pesticides in the control of the pulse beetle, *Callosobruchus haracter*" in the International conference on Potential Impact of Pesticides on Environment and Human Health (ICPIPEHH-2017) held on 2nd to 4th Nov 2017, Dayananda Sagra University, Bangalore, Karnataka, India.
29. 2017- Vijayakumar S, **Vaseeharan.B.**, Narayanan Gobi. "Ecotoxicity of chemically synthesized ZnO NPs on the freshwater microcrustacean *Ceriodaphnia cornuta*" in the International conference on Potential Impact of Pesticides on Environment and Human Health (ICPIPEHH-2017) held on 2nd to 4th Nov 2017, Dayananda Sagra University, Bangalore, Karnataka, India.
30. 2017- Narayanan Gobi, **Vaseeharan.B.**, Vijayakumar S. "Effect of acute toxicity of selenium exposure on accumulation, oxidative stress and antioxidant response of *Oreochromis mossambicus*" in the International conference on Potential Impact of Pesticides on Environment and Human Health (ICPIPEHH-2017) held on 2nd to 4th Nov 2017, Dayananda Sagra University, Bangalore, Karnataka, India.
31. 2017- Yazhini Prabha, M, **Vaseeharan.B.** "Utmost significance of phytofabricated selenium nanoparticles towards disease causing vector" in the International conference on Potential Impact of Pesticides on Environment and Human Health (ICPIPEHH-2017) held on 2nd to 4th Nov 2017, Dayananda Sagra University, Bangalore, Karnataka, India.

32. 2017- **Vaseeharn.B.** Anjugam Mahalingam, Iswarya Arokyadhas. "Chitosan coated Ag/ZnO nanocomposite against *Vibrio sp*" in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
33. 2017- **Vaseeharn.B.** Iswarya Arokyadhas, Anjugam Mahalingam, Vijayakumar S. "Impact of CS/ALG microspheres on Aquatic pathogen" in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
34. 2017- Anjugam Mahalingam, **Vaseeharn.B.** Iswarya Arokyadhas, Vijayakumar S. "Effect of β -GBP-ZnO NPs on immune response of tilapia in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
35. 2017- Iswarya Arokyadhas, **Vaseeharn.B.** Anjugam Mahalingam, Vijayakumar S. "Crustacean immune protein β -GBP against bacteria" in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
36. 2017- Dhatchayani Surendran, **Vaseeharan B.**, Vijayakumar S, Sankaranarayanan Krishnasamy. "Textile Dye Removal and Antibacterial Activity of Hydroxyapatite/Graphene Oxide Composite" in the "International Conference on Nanoscience and Nanotechnology" held on 9th to 11th August 2017, SRM University, Kattankulathur, India.
37. 2017- **Vaseeharan B.** "Protective effects of the probiotic *Bacillus licheniformis* Dahb1 on the growth, immune and antioxidant responses in *Pangasiushypophthalmus* infected with GFP tagged *Vibrio parahaemolyticus* Dahv2" in the International conference on "Aquatic animal health and parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
38. 2017- M. Abinaya, R. Rekha, **Vaseeharan B.** "In vitro antioxidant activities of cell surface polysaccharide from aquaculture probiotic bacterium *Bacillus subtilis*" in the International conference on "Aquatic animal health and parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
39. 2017- M. Divya, M. Yazhini prabha, **Vaseeharan B.** "Synthesis of Gelatin based Zinc oxide nanoparticles and its biomedical solicitations" in the International conference on "Aquatic animal health parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
40. 2017- R. Ishwarya, M. anjugam, **Vaseeharan B.** "Purification, characterization, Functional and antimicrobial activity of crustin from the haemolymph of *Penaeus semisulcatus*" in the International conference on "Aquatic animal health parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
41. 2017- S. Jayanthi, A. Ishwarya, **Vaseeharan B.** "Synthesis and characterization of Immune molecule lectin coated silver nanoparticles expose antibacterial activity against aquatic pathogens" in the International conference on "Aquatic animal health parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
42. 2017- S. Vijayakumar, T. Pratheepa, B. Malaikozhundan, N. Gobi, A. Parthasarathi, **Vaseeharan B.** "Immunostimulatory effects of dietary ZnO nanoparticle on freshwater tilapia *Oreochromis mossambicus* challenged with *Aeromonas hydrophila*" in the International conference on "Aquatic animal health parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
43. 2017- N. Gobi, B. Malaikozhundan, S. Vijayakumar, V. Girija, A. Parthasarathi, **Vaseeharan B.** "Enhancement of growth, immune response and disease resistance in *Oreochromis mossambicus* against aquatic pathogens using probiotic *Bacillus licheniformis* Dahbi" in the International conference on "Aquatic animal health parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
44. 2017- B. Malaikozhundan, V. Girija, S. vijayakumar, N. Gobi, **Vaseeharan B.** "Enhancement of growth and innate immune response of Zebrafish infected with *Vibrio parahaemolyticus* Dahv2 using the cell free extract of probiotic *Bacillus licheniformis* Dahb1" in the International conference on "Aquatic animal health parasitic diseases" held on 6th & 7st March 2017, Annamalai University, Chidambaram-608 001
45. 2016- S. Vijayakumar, V. Suryanarayanan, B. Malaikozhundan, Sanjeev Kumar Singh, **Vaseeharan B.** "Synthesis and *Capsicum annum* Fruit extract (Capsaicin) coated silver nanoparticle (Ca- Ag NPs) and their Toxicity assessment on *Ceriodaphnia cornuta* through In vivo and In silico Approaches" in the International conference on "Recent Trends in Microbiology" held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
46. 2016- M. Anjugam, A. Ishwarya, M. Divya, M. Biruntha, **Vaseeharan B.** "Antioxidant, antiinflammatory and antibiofilm potential of *Portunes pelagicus* β - GBP" in the International conference on "Recent Trends in Microbiology" held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
47. 2016- M. Divya, M. Anjugam, R. Rekha, V. Nithya **Vaseeharan B.** "Synthesis of chitosan coated zinc oxide nanoparticle and its biomedical applications" in the International conference on "Recent Trends in Microbiology" held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
48. 2016- R. Ishwarya S. Jayanthi, M. Abhinaya, B. Malaikozhundan, **Vaseeharan B.** "Antibacterial effects of haemocyanin from Indian white shrimp *Fenneropwnaeus indicus* against Gram negative bacteria: *Vibrio alginolyticus* and *Pseudomonas aeruginosa*" in the International conference on "Recent Trends in Microbiology" held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
49. 2016- A. Ishwarya, M. Anjugam, S. Jayanthi, R. Rekha, **Vaseeharan B.** "Analysis of bioactive compounds and antibiofilm potential of *Portunus pelagicus* heamolymph" in the International conference on "Recent Trends in Microbiology" held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
50. 2016- R. Rekha, R. Ishwarya, A. Ishwarya, M. Abhinaya, **Vaseeharan B.** "Purification, charactrisation and functional analysis of crustin from mud crab, *scyllaseratta* and its antibacterial activity" in the International conference on "Recent Trends in Microbiology" held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003

51. 2016- M. Abhinaya, R. Ishwarya, M. Divya, P. Kumar, **Vaseeharan B.** “Biofilm inhibition and antimicrobial action of biosurfactant produced by aquatic pathogen *Vibrio parahaemolyticus* Dav1” in the International conference on “Recent Trends in Microbiology” held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
52. 2016- S. Vijayakumar, B. Malaikozhundan, N. Gobi, **Vaseeharan B.** “Control of methicillin resistant *Staphylococcus aureus* biofilm and mosquito vectors using *Plectranthus amboinicus* leaf extract mediated synthesis of silver nanoparticles” in the International conference on “Recent Trends in Microbiology” held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
53. 2016- N. Gobi, B. Malaikozhundan, S. vijayakumar, **Vaseeharan B.** “Dietary supplementation of *Psidium guajava* leaf extracts enhance growth, immune, antioxidant response and resistance to *Aeromonas hydrophila* in frsh water tilapia, *Oreochromis mossambicus*” in the International conference on “Recent Trends in Microbiology” held on 20th & 21st December 2016, Alagappa University, Karaikudi-630 003
54. 2016- **Vaseeharan B.**, M. Anjugam, A. Ishwarya. “ β -glucan binding protein purified from the haemolymph of Indian white shrimp, *Fenneropenaeus indicus* and evaluation of its functional and antimicrobial activity” in the “ASEAN Fisheries and Aquaculture Conference and Exposition-2016 “ASEAN Seafood for the world” and 11th Asian Fisheries and Aquaculture Forum” held on 3rd – 7th August 2016, Bangkok, Thailand
55. 2016- M. Anjugam, A. Ishwarya, **Vaseeharan B.** “Immunological role of β -glucan binding protein (β -GBP) purified from the haemocytes of mud crab, *Scylla serrate* and its antibiofilm property” in the “ASEAN Fisheries and Aquaculture Conference and Exposition-2016 “ASEAN Seafood for the world” and 11th Asian Fisheries and Aquaculture Forum” held on 3rd – 7th August 2016, Bangkok, Thailand
56. 2016- B. Malaikozhundan, S. Vijayakumar, **Vaseeharan B.** “Essential oils of *Nigella sativa* protects *Artemia* from the pathogenic effect of *Vibrio parahaemolyticus* Dahv2” in the “ASEAN Fisheries and Aquaculture Conference and Exposition-2016 “ASEAN Seafood for the world” and 11th Asian Fisheries and Aquaculture Forum” held on 3rd – 7th August 2016, Bangkok, Thailand
57. 2016- S. Vijayakumar, R. Thaya, B. Malaikozhundan, **Vaseeharan B.** “Biosynthesis of Ag/ZnO nanocomposite using chitosan from shell waste of mud crab, *Scylla serrate* and its antibiofilm screening” in the “ASEAN Fisheries and Aquaculture Conference and Exposition-2016 “ASEAN Seafood for the world” and 11th Asian Fisheries and Aquaculture Forum” held on 3rd – 7th August 2016, Bangkok, Thailand
58. 2016- M. Abhinaya, M. Divya, S. Vijayakumar, B. Malaikozhundan, **Vaseeharan B.** “Biosynthesis of silver nanoparticles using probiotic *Bacillus licheniformis* Dahb1 and its antibiofilm activity against *Vibrio parahaemolyticus* Day 1” in the International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
59. 2016-R. Ishwarya, S. Jayanthi, **Vaseeharan B.** “Purification, characterization and functional analysis of prophenoloxidase from Indian white shrimp, *Fenneropenaeus indicus* and its antimicrobial activity” in the
60. International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
61. 2016- N. Gobi, S. Vijayakumar, B. Malaikozhundan, **Vaseeharan B.** “Dietary supplementation of the probiotic *Bacillus licheniformis* Dahb 1 to enhance growth, immune and antioxidant response of *Pangaisus hypopthalmum* is experimentally infected with GFP tagged *Vibrio parahaemolyticus* Dahv 2. In the International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
62. 2016- M. Anjugam, A. Iswarya, **Vaseeharan B.** “Immunostimulant potential of β -GBP isolated from blue swimmer crab *Portunus pelagicus*” in the International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
63. 2016- S. Vijayakumar, N.P. Gobi, B. Malaikozhundan N. Gobi. “Synthesis of *Nilgella sativa* essential oil coated gold nanoparticles and their antibacterial, antibiofilm and cytotoxic effects on MCF-7 cell lines in the International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
64. 2016- A. Iswarya, M. Anjugam, B. Banumathi, **Vaseeharan B.** “Biological activity of β -1, 3 glucan binding protein (β -GBP) purified from the haemolymph of fresh water crab *Paratelphusa hydrodromus*. In the International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
65. 2016- B. Malaikozhundan, S. Vijayakumar, N. Gobi, **Vaseeharan B.** “*Pongamia pinnata*-A natural insecticide for the control of stored grain insect pest, *Callosobruchus maculatus*” in the International Conference in “Recent Trends in Biosciences” held on 7th April to 9th April 2016, Alagappa University, Karaikudi-630 003
66. 2013- B. Malaikozhundan, M. Rajamohamed Kalanjiam, **Vaseeharan B.**, N. M. Prabhu. Recent trends in aquatic animal biotechnology in the International Seminar On “Recent Trends in Aquatic Animal Biotechnology” (RTAAB- 2013) held on 21-22 October 2013, Depart of Animal Health and Management, Alagappa University, Karaikudi-630 003.
67. 2013- Shanthi S and **Vaseeharan B.** Molecular cloning, characterization and expression of serine proteinase homolog from the hemocytes of Indian white shrimp *Fenneropenaeus indicus* in 1st International Conference of Fish and Shellfish Immunology, Vigo on 25th – 28th June 2013.
68. 2013- **Vaseeharan B.** and Shanthi. S. cDNA cloning, characterization, expression and purification of antimicrobial peptides (Penaeidin and anti-lipopolysaccharide factor) from *Penaeus semisulcatus* in 1st International Conference of Fish and Shellfish Immunology, Vigo on 25th – 28th June 2013.
69. 2012- Shanthi S, **Vaseeharan B.**, Manju S, Rajakumaran P. Molecular cloning and characterization of serine proteinase cDNA from Indian white shrimp *Fenneropenaeus indicus* in Indo-UK Conference on Shrimp

- Aquaculture: Challenges & Innovative solutions organized by Department of Bioinformatics, Bharathidasan University, Tiruchirapalli on Jan 25th -27th 2012.
70. 2012- Manju S, Rajakumaran P and **Vaseeharan B**. Essential oils – A good natural based alternative to antibiotics against aqua Vibrios in Indo-UK Conference on Shrimp Aquaculture: Challenges & Innovative solutions organized by Dept of Bioinformatics, Bharathidasan University, Tiruchirapalli on Jan 25th -27th 2012.
 71. 2012- Sivakamavalli J, **Vaseeharan B**, Shanthi S and David B. *In silico* analysis of pattern of pattern recognition protein lipopolysaccharide and β – 1-3, glucan binding protein (LGBP) gene from the haemocytes of Indian White shrimp *Penaeus indicus* in 4th National Symposium Cum Work shop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design (SBCADD) organized by Department of Bioinformatics, Alagappa University, Karaikudi on 20th – 23rd Feb 2012.
 72. 2012- **Vaseeharan B**, Rajakumaran P and Sivaram V. Genomic fingerprinting of *Artemia parthenogenetica* isolates of wild populations in India by RAPD and protein profile analysis in 6th World Fisheries Congress, Edinburg, Scotland on 7th-11th May 2012.
 73. 2012- **Vaseeharan B** and Rajakumaran P. Genetic diversity of wild *Penaeus monodon* brooders in India revealed by randomly amplified polymorphic DNA assay by PCR in 6th World Fisheries Congress, Edinburg, Scotland on 7th-11th May 2012.
 74. 2012-Rajakumaran P and **Vaseeharan B**. Diversity of Penaeidae species in Indian coast by morphometric and molecular analysis in 6th World Fisheries Congress, Edinburg, Scotland on 7th-11th May 2012.
 75. 2011-Vinoj G and **Vaseeharan B**. Localization of GFP tagged pathogenic *Vibrio parahaemolyticus* in experimentally infected *Penaeus indicus* in International Conference of European Microbiologists on 4th Congress of FEMS 2011, Geneva, Switzerland.
 76. 2011-Thaya R and **Vaseeharan B**. Immunostimulant potential of selected plant extracts to control *Aeromonas hydrophila* infection in *Channa striatus* in Eight symposium on Diseases in Asian Aquaculture, Mangalore, India on 21st -25th Nov 2011.
 77. 2011- Shanthi S, **Vaseeharan B**, Manikandan RM and Prabhu NM. Cloning and characterization of an antimicrobial peptide gene Penaeidin-3 (Fi-Pen3) from the haemocytes of Indian white shrimp *Penaeus indicus* Eight symposium on Diseases in Asian Aquaculture, Mangalore, India on 21st -25th Nov 2011.
 78. 2011- Sivakamavalli J and **Vaseeharan B**. *In silico* modeling and motif prediction of lipopolysaccharide and β -1,3-glucan binding protein (LGBP) from Indian white shrimp *Penaeus indicus* Eight symposium on Diseases in Asian Aquaculture, India on 21st -25th Nov 2011.
 79. 2011- Vinoj G and **Vaseeharan B**. Cloning and expression of glutathione peroxidase, superoxide dismutase in the shrimp by *Vibrio parahaemolyticus* infection Eight symposium on Diseases in Asian Aquaculture, Mangalore, India on 21st -25th Nov 2011.
 80. 2011-Manju S and **Vaseeharan B**. Influence of vibrio infections in the aquatic fishes and its effective control using the Essential oil in 9th Indian Fisheries Forum conducted at Chennai on Dec 19th – 23rd 2011.
 81. 2010-**Vaseeharan B** and Chen JC. Plant based synthesis of Silver Nanoparticles (AgNPs) and its applications in Animal Health Aspects in International Conference on Advancement of Nanoscience and Nanotechnology (ICOANN) organized by Department of Nanoscience and Technology, Alagappa University, Karaikudi on 1st -3rd Mar 2010.
 82. 2010- Sivakamavalli J, **Vaseeharan B**, Manikandan R and Prabhu NM. Confocal scanning laser microscope as the tool to study host-pathogen interaction in aquatic organisms in International Seminar on Applications of Confocal Microscopy Techniques in Animal Health Management (ACAH) organized by Department of Animal Health and Management, Alagappa University, Karaikudi on 29th -30th March 2010.
 83. 2010- Esakkirajan M, Rajakumaran P, Manikandan R, Prabhu NM, **Vaseeharan B**. Earlier detection of colorectal cancer in albino mice using confocal microscopic techniques in International Seminar on Applications of Confocal Microscopy Techniques in Animal Health Management (ACAH) organized by Department of Animal Health and Management, Alagappa University, Karaikudi on 29th -30th March 2010.
 84. 2010- Sivaram V and **Vaseeharan B**. Detection of free Radicals and Oxidative stress Biomarkers using Confocal Scanning Laser Microscopy in International Seminar on Applications of Confocal Microscopy Techniques in Animal Health Management (ACAH) organized by Department of Animal Health and Management, Alagappa University, Karaikudi on 29th -30th March 2010.
 85. 2010-Vinoj G, Davidjayaseelan B and **Vaseeharan B**. Role of *hcr* gene in crustaceans in International Seminar on Applications of Confocal Microscopy Techniques in Animal Health Management (ACAH) organized by Department of Animal Health and Management, Alagappa University, Karaikudi on 29th -30th March 2010.
 86. 2010-**Vaseeharan B** and Sivakamavalli J. Molecular cloning characterization and Bioinformatic analysis of lipopolysaccharide and β -1,3- glucan binding protein (LGBP gene) from *Penaeus indicus* in International Conference organized by School of Biological Science, Madurai Kamaraj University, Madurai on 12th -14th Nov 2010
 87. 2010-Sivagamavalli J and **Vaseeharan B**. Antibacterial activity and structural elucidation of bioactive compounds from holothurians collected from the east coast of India in International Conference on Aquatic Microbiology organized by CAS in Marine Biology, Annamalai University on 2nd – 4th Sep 2010.
 88. 2009-**Vaseeharan B**, Saiprasad G and David Jayaseelan B. Antimicrobial activity of plant material against *Aeromonas* spp. Isolated from black gill diseased shrimp *Penaeus indicus* in International Colloquium on Emerging Biotechnologies in Agriculture, Animal Health and Productivity at Alagappa University, Karaikudi.
 89. 2009-**Vaseeharan B**, Prabhu NM, Manikandan R, David Jayaseelan B, Saiprasad G. The probiotic potential of *Bacillus* spp. Against *Aeromonas* spp. Isolated from *Penaeus monodon* culture environments in India in

- International Colloquium on Emerging Biotechnologies in Agriculture, Animal Health and Productivity at Alagappa University, Karaikudi.
90. 2009-**Vaseeharan B** and Chen JC. cDNA cloning, characterization and expression of lipopolysaccharide and β -1, 3glucan binding protein (LGBP) gene from the kuruma shrimp *Marsupenaeus japonicas* in International Colloquium on Emerging Biotechnologies in Agriculture, Animal Health and Productivity at Alagappa University, Karaikudi.
 91. 2008-**Vaseeharan B**, Sai Prasad G and Chen JC. Antibiotic resistance and plasmid profiles of *Listonella anguillarum* isolates isolated from Monodon Bacullo Virus (MBV) and white spot syndrome virus (WSSV) infected *Penaeus monodon* Fabricius in International Conference on Biotechnology at VIT university.
 92. 2007- Chen JC, Lin YC and **Vaseeharan B**. Proteins involved in prophenoloxidase activating system and their roles in mud crab *Scylla serrata*. The Journal of Immunology 178: 53.12. Published in SCI International journal. (Impact Factor-6)
 93. 2006-Lin YC, **Vaseeharan B**, Chen JC. Alpha 2- Macroglobulin in haracte crustaceans in International Symposium on Ecophysiology in Marine Organisms organized by Department of Aquaculture, Keelung, Taiwan.
 94. 2003- Vijayan KK, Raj VS, Alavandi SV, Sekhar VT, **Vaseeharan B** and Santiago TC. Need of novel diagnostics in the health management of *Macrobrachium rosenbergii*, with special reference to an emerging epizootic in India, the white muscle syndrome (WMS) in International Symposium on Freshwater Prawns 2003, Cochin on 20th -23rd Aug 2003.
 95. 1999-**Vaseeharan B** and Ramasamy P. Effect of probiotics on the bacterial flora of the culture system of *Penaeus monodon* Fabricius” in Fourth symposium on Disease in Asian Aquaculture, Lavilla-Pitago C.R. Cebu City, Philippines on 22nd -26th Nov 1999.

NATIONAL ABSTRACTS – 49

1. 2017- S. Vijayakumar, V. Suryanarayanan, B. Malaikozhundan, Sanjeev Kumar Singh, **Vaseeharan B**. “Synthesis and *Capsicum annuum* Fruit extract (Capsaicin) coated silver nanoparticle (Ca- Ag NPs) and their Toxicity assessment on *Ceriodaphnia cornuta* through In vivo and In silico Approaches” in 9th National symposium cum workshop on “Recent Trends in Structural Bioinformatics and computer aided Drug Design” organized by Department of Bioinformatics, Alagappa university, Karaikudi, on Feb 14th- 17th 2017
2. 2016- **Vaseeharan B** “Current scenario of disease management in crustaceans” in the training manual on fisheries management sponsored by Ministry of Human Science Development (MHRD), organized by centre of advanced study in Marine Biology, Faculty of marine Sciences, Annamalai University, Parangipettai, on 9th March 2016.
3. 2015- **Vaseeharan B** “Immune related genes in Invertebrates” in the “National Seminar on Emerging trends in Life Science” organized by Women’s Christian college, Nagercoil on 12th Jan 2015.
4. 2015- **Vaseeharan B**, biosynthesis of silver nanoparticles using bacillus licheniformis dahb1 cell free extract and its antibacterial effect on *vibrio parahaemolyticus*. 10th Indian Fisheries and Aquaculture Forum on Lucknow at Nov 12-15, 2014
5. 2014-M. Rajamohamed Kalanjiam, V. Girija, B. Malaikozhundan and **Vaseeharan B**. Perspectives of minimizing the use of protein sources from marine fish origin in aquafeeds in National Symposium on Marine Environmental Conservation organized by V.O. Chidambaram College, P.G. Research Department of Zoology, Marine ecology & conservation Lab, Thoothukudi- 628008 on Dec 10th – 12th 2014.
6. 2014- **Vaseeharan B**. Biosynthesis of silver nanoparticles using *Bacillus licheniformis* DAHB1 cell free extract and its Antibacterial Effect on *Vibrio parahaemolyticus* organized by 10th Indian Fisheries and Aquaculture Forum(10ifaf) and 5th Global Symposium in Aquaculture and Fisheries (GAF5), ICAR- national Bureau of Fish Genetic Resources Canal Ring road, P.O. Dilkusha, Lucknow, India. On 12-15 November, 2014.
7. 2014- Rajamohamed K, Girija V, Malaikozhundan B, **Vaseeharan B**. Exogenous enzymes as a potential growth enhancing tools in the diet of aquatic animals- review in UGC sponsored National Seminar on Biovision-2014 at Department of Zoology & department of Botany, Arumugam Pillai Seethai Ammal College, Thirupathur, Sivagangai (Dt), Tamilnadu, India. On 5th-6th Sep 2014.
8. 2014-Vijayakumar S, Malaikozhundan B, **Vaseeharan B**. Antibacterial and mosquito activity of *Plectoranthus amboinicus* in National Conference on Innovations, Implementations and Controversies of Animal Biotechnology (NCIICAB) organized by Department of Animal Science, Bharathidasan University, Trichy on 20th & 21st Mar 2014.
9. 2014-Athisakthiraj.R, Malaikozhundan.B, **Vaseeharan B**. Effect of probiotic dietary supplements on human health- Review in National Conference on Innovations, Implementations and Controversies of Animal Biotechnology (NCIICAB) organized by Department of Animal Science, Bharathidasan University, Trichy on 20th & 21st Mar 2014.
10. 2014-Rakeshvarma R, Rajamohamed KM, Malaikozhundan B, **Vaseeharan B**. Prospective of nutrigenomic approaches in aquatic animals- review in National Conference on Innovations, Implementations and Controversies of Animal Biotechnology (NCIICAB) organized by Department of Animal Science, Bharathidasan University, Trichy on 20th & 21st Mar 2014
11. 2012- Thaya R and **Vaseeharan B**. Development of immunity by the extract of medicinal plant *solanum Xanthocarpium* on catla against *Vibrio* Spp in National Conference on Biotechnological Approaches in Aquaculture Live Aqua 2012 organized by Department of Zoology, Bharathiyar University, Coimbatore on 1st -3rd Feb 2012.

12. 2012- Sivakamavalli J and **Vaseeharan B**. Genome characterization of prophenoloxidase (ProPO) gene from the haemocytes of mudcrab *Scylla serrata* in National Conference on Biotechnological Approaches in Aquaculture Live Aqua 2012 organized by Department of Zoology, Bharathiyar University, Coimbatore on 1st -3rd Feb 2012.
13. 2012- Palanisamy S, Rajasekar P, David Jayaseelan B, Manikandan R, **Vaseeharan B** and Prabhu NM. Effect of probiotics, plant extract and antibiotics on *Vibrio* Spp and Pseudomonas Spp isolated from infected fresh water ornamental fishes in National Conference on Biotechnological Approaches in Aquaculture Live Aqua 2012 organized by Department of Zoology, Bharathiyar University, Coimbatore on 1st -3rd Feb 2012.
14. 2012- Rajakumaran P, David Jayaseelan B, Shanthi S, Prabhu NM, Manikandan R and **Vaseeharan B**. Immune stimulatory effect of zymogen on the flower prawn *Penaeus semisulcatus* and its resistance against *Vibrio parahaemolyticus* in National Conference on Biotechnological Approaches in Aquaculture Live Aqua 2012 organized by Department of Zoology, Bharathiyar University, Coimbatore on 1st -3rd Feb 2012.
15. 2012- Palanisamy S, Latha M, Nisha RG, Devi K, Beulaja M, Manikandan R, Prabhu NM, **Vaseeharan B**. Resveratrol attenuates hyperglycemia-mediated oxidative stress, pro inflammatory nuclear factor kappa -B (NF- κ B) in alloxan-induced experimental diabetic mice in National Seminar in Zoology organized by Department of Zoology, Goa University, Goa on 9th -11th Feb 2012.
16. 2012- Devi K, Esakkirajan M, Shanthi S, Beulaja M, Manikandan R, Prabhu NM **Vaseeharan B**. Effect of curcumin against renal injuries mediated by inducible nitric oxide synthesise during gentamicin-induced toxicity in Wistar rats in National Seminar in Zoology organized by Department of Zoology, Goa University, Goa on 9th -11th Feb 2012.
17. 2012-Latha M, Nisha RG, Devi K, Shanthi S, Prabhu NM, **Vaseeharan B**, Manikandan R. Biosynthesis of Ag-Nps using medicinal plant and its effect against *Vibrio* spp. Isolated from commercially important marine fishes in National Seminar in Zoology organized by Department of Zoology, Goa University, Goa on 9th -11th Feb 2012.
18. 2012- Nisha RG, Beulaja M, Manikandan R, Prabhu NM, **Vaseeharan B**. Effect of ferulic acid against glycerol-induced nephrotoxicity in Wistar albino rats in National Seminar in Zoology organized by Department of Zoology, Goa University, Goa on 9th -11th Feb 2012.
19. 2012- Nisha RG, Rajasekar S, Prabhu NM, Manikandan R, **Vaseeharan B** and Srinivasan P. Effect of probiotics on *Vibrio* spp isolated from diseases freshwater ornamental fishes in National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
20. 2012- Manju S, **Vaseeharan B** and Manikandan R. Antibiofilm activity of the plant essential oils (EOS) against the *Vibrio* spp from aquatic sites in National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
21. 2012- Rajakumaran P, **Vaseeharan B** and Prabhu NM. Antibacterial effect of algae extracts against *Vibrio* species from Penaeid shrimp in National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
22. 2012- Palanisamy S, Prabhu NM, Manikandan R, Devi K, **Vaseeharan B** and Kannapiran E. Biologically synthesized silver nanoparticles from *Sargassum* sp and its antibacterial activity against *Vibrio* sp. In National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
23. 2012- Sivakama valli J and **Vaseeharan B**. Molecular cloning and characterization of lipopolysaccharide and β -1, 3, glucan binding protein (LGBP) from Indian white shrimp *Fenneropenaeus indicus* in National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
24. 2011- Sonibharathi P, **Vaseeharan B**, Prabhu NM, Manikandan R, Shanthi S, David B. Inhibitory activity of commercially available antibiotics against *Vibrio* spp. *Pseudomonas* spp. And *Salmonella* spp. From Cattle (*bos indicus*) farms of south, Tamil Nadu, India in National Conference on Emerging trends in Biological Research (NCEBR) organized by the Department of Zoology, University of Madras on 21st – 22nd Feb 2011.
25. 2011- Tamilarasan S, Prabhu NM, **Vaseeharan B**, Manikandan R, Esakkirajan M. Seaweed extracts is an alternative medicine against *Vibrio* spp infections in fin fishes of gulf of mannar region in National Conference on Emerging trends in Biological Research (NCEBR) organized by the Department of Zoology, University of Madras on 21st – 22nd Feb 2011.
26. 2011- Latha M, Prabhu NM, **Vaseeharan B**, Manikandan R. Effect of Silver nanoparticles (Ag-Nps) synthesized from medicinal plant extract against *Vibrio* spp isolated from gut samples of broiler chicken (*Gallus gallus*) in National Conference on Emerging trends in Biological Research (NCEBR) organized by the Department of Zoology, University of Madras on 21st – 22nd Feb 2011.
27. 2011- Esakkirajan M, Manikandan R, Prabhu NM, **Vaseeharan B** and Arulvasu C. Evaluation of plant extract for effective control on colorectal cancer in National Conference on Emerging trends in Biological Research (NCEBR) organized by the Department of Zoology, University of Madras on 21st – 22nd Feb 2011.
28. 2011- Shanthi S, Chandramohan B, Raghul rajan D, Thirumulan V, Ramalingam V and **Vaseeharan B**. Effect of symbiotic supplements on growth rate, digestive enzymes activity, total protein and antibody titre of *Labio rohita* in National Conference on Emerging trends in Biological Research (NCEBR) organized by the Department of Zoology, University of Madras on 21st – 22nd Feb 2011.
29. 2010- Esakkirajan M, Manikandan R, Prabhu NM and **Vaseeharan B**. Effect of *Cassia tora* against carbon tetrachloride -induced hepatotoxicity in Wester rats in National Conference on Interplay of Biological and chemical Sciences (NCIBCS) organized by Department of Zoology, Thiruvalluvar University, Vellore on 6th -8th Jan 2010.

30. 2010-**Vaseeharan B.** Morphometric relationship and biodiversity of family Penaeidae related by PCR RAPD techniques in National conference on Marine Biotechnology-Present Status and Prospects (MABPSAP-2010) organized by department of Marine Science, Bharathidasan University, Tiruchirappalli held on 16-18th 2010.
31. 2010- **Vaseeharan B** and Davidjayaseelan B. Screening of probiotics strains from aquaculture systems for the control of aquatic animal disease in National Conference on Interplay of Biological and chemical Sciences (NCIBCS) organized by Department of Zoology, Thiruvalluvar University, Vellore on 6th -8th Jan 2010.
32. 2010- Esakkirajan M, Sivaram V, Manikandan R, Prabhu NM and **Vaseeharan B.** Swine flu and alternate medicine –A review in National Conference on Ariviyal Tamil organized by Manonmaniam Sundaranar University, Tirunelveli on 7th -8th Oct 2010.
33. 2010-Sivagamavalli J, Thaya R, Rajakumaran P and **Vaseeharan B.** Application of bioinformatics in pharmacogenomics in National Conference on Ariviyal Tamil organized by Manonmaniam Sundaranar University, Tirunelveli on 7th -8th Oct 2010.
34. 2010- Latha M, Vinoj G, Manikandan R, Prabhu NM and **Vaseeharan B.** Uses of nanoparticle in poultry disease –A review in National Conference on Ariviyal Tamil organized by Manonmaniam Sundaranar University, Tirunelveli on 7th -8th Oct 2010.
35. 2010- Sonbharathi SP, Shanthi S, Manikandan R, Prabhu NM and **Vaseeharan B.** Control measures of *Salmonella* in poultry in National Conference on Ariviyal Tamil organized by Manonmaniam Sundaranar University, Tirunelveli on 7th -8th Oct 2010.
36. 2010- Tamilarasan S, Manju S, Davidjayaseelan B, **Vaseeharan B** and Prabhu NM. Role of beneficial bacteria in aquaculture –A review in National Conference on Ariviyal Tamil organized by Manonmaniam Sundaranar University, Tirunelveli on 7th -8th Oct 2010.
37. 2009- **Vaseeharan B** and Chen JC. Genome characterization and expression analysis of extra cellular Copper-Zinc superoxide dismutase (ecCuZnSOD) gene of the Mud crab *Scylla serrata* and its expression β glucan and peptidoglycan injections in National Seminar on Application of Genomics and Bioinformatics in Animal Health and Management at Alagappa University.
38. 2009- David Jayaseelan B, Gopinath M, Manikandan R, Prabhu NM, **Vaseeharan B.** Application of Probiotics is an alternative for antibiotics in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
39. 2009- David Jayaseelan B, Gopinath M, Manikandan R, Prabhu NM, **Vaseeharan B.** Probiotics as a Bio control. In Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
40. 2009- **Vaseeharan B.** Prabhu NM, Manikandan R. Swine flu in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
41. 2009- Esakkirajan M, Manikandan R, Prabhu NM, **Vaseeharan B.** Cancer and Natural Medicine – A Review in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
42. 2009- **Vaseeharan B.** Karthigeyan. M, Shanthi. S, Charumathi. P, Shalini. G Isolation and genome analysis of LGBP & BGBP from Kuruma Shrimp in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
43. 2009-Gopinath M, David Jayaseelan B, Manikandan R, Prabhu NM, **Vaseeharan B.** A Review on Applications of Nanoparticles in Cancer in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
44. 2009-Vinoj G, **Vaseeharan B.** Bio Fuel in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
45. 2009-Vinoj G, **Vaseeharan B.** Sivaram V. Disease management using Pattern recognition molecule in crustaceans in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
46. 2009-**Vaseeharan B.** Prabhu NM, Shalini G, Shanthi S, Charumathi P. Isolation of rpoN gene and characterization of *Vibrio anguillarum* from vibriosis infected *Penaeus monodon* in Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” organized by Alagappa University, Karaikudi, on 11th – 13th Sep 2009.
47. 2002- Ramasamy P, **Vaseeharan B** and Jayakumar R. Genome of the Indian White spot syndrome virus (WSSV) in the postlarvae, juvenile, sub adult and brooders of *Penaeus monodon/Penaeus indicus* in the sixth Indian Fisheries Forum, Central Institute of Fisheries Education, Versova, Mumbai on 17th – 20th Dec 2002.
48. 2002- Srinivasan P, **Vaseeharan B** and Ramasamy P. *Vibrio* Bacteriophages Control the Growth of Bacterial Populations in the Aquatic environment in the sixth Indian Fisheries Forum, Central Institute of Fisheries Education, Versova, Mumbai on 17th – 20th Dec 2002.
49. 2002- Sakthivel V, Jayakumar R, **Vaseeharan B** and Ramasamy P. PCR based detection of white spot syndrome virus in post larval *Penaeus monodon* in the sixth Indian Fisheries Forum, Central Institute of Fisheries Education, Versova, Mumbai on 17th – 20th Dec 2002.

L. CONFERENCES | MEETINGS ORGANIZED

- Chairperson, International Conference on “Innovative and Emerging Trends in Botany (ICIETB – 2019)” organized by Department of Botany, Alagappa University, Karaikudi on 6th and 7th November, 2019
- Convener, MP-TEM 2019 in 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP-TEM 2019) held on 24th and 25th July 2019, Department of Animal Health and Management, Alagappa University, Karaikudi-630003

- Co-ordinator, UBCC in 2nd Training Programme on “Business Opportunities in Aquaculture and Vermiculture Technology” held on 02nd – 08th March 2018, Department of Animal Health and Management, Alagappa University, Karaikudi-630003
- Member of Advisory Committee, National Conference on “Futuristic Materials” (NCFM – 2017) held on 27 & 28 March, Department of Physics, Alagappa University, Karaikudi-630003
- Organizing Chairman, International Workshop on “Molecular Physiology, Therapeutics and Experimental Medicine” – 2016 held on 6th and 7th September, Department of Animal Health and Management, Alagappa University, Karaikudi-630003
- Co-Convener, International Conference on “Recent Trends in Biosciences” IRTB – 2016 held on 7th April to 9th April, Alagappa University, Karaikudi-630 003
- Coordinator, Training programme on “Recent trends in software industry. Role of income tax and sale tax in business held on 3rd March 2016
- Coordinator, Training programme on “Live feed culture production (Artemia, Phytoplanktons & Zooplanktons, Spirulina), and Sea weed culture and its allied industries” held on 26th February 2016.
- Coordinator, Training programme on “Small Scale business setup in ornamental fish farming, apiculture, mushroom and silk production” held on 20th January 2016.
- Coordinator, Training programme on “Shrimp and fin fish production skills for aquaculture business” held on 15th December 2015
- Coordinator, Training programme on “Motivation for business development skills in live stock rearing and its by product production” held on 7th December 2015.
- Organizing Secretary, International Seminar On “Recent Trends in Aquatic Animal Biotechnology” (RTAAB-2013) held on 21-22 October 2013, Depart of Animal Health and Management, Alagappa University, Karaikudi-630 003.
- Organizing Secretary, International seminar on “Applications of Confocal Microscopy Techniques in Animal Health Management” (ACAH’2010) held on 29-30 March 2010, Depart of Animal Health and Management, Alagappa University, Karaikudi-630 003
- Co-Ordinator, Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” 2009 – Department of Animal Health and Management held on 11th to 13th September 2009, Alagappa University, Karaikudi-630 003.
- Organizing Secretary, National seminar on “Application of genomics and bioinformatics in Animal health and Management” NSGB 09- held on 25th and 26th March 2009, School of Animal Health and Management, Alagappa University, Karaikudi-630 003.
- Organizing Secretary, International colloquium on “Emerging biotechnologies in Agriculture, Animal Health and Productivity” ICEB 2009- held on 23rd to 27th Feb 2009, Alagappa University, Karaikudi-630 003.

J. BOOK CHAPTER CREDITS

1. Fisheries and Live stock projects Annual Reports 2001 -2002. National Agricultural Technology Project. Edn. Edition, S., Santiago, T.C., Anandaraman, M., Jeyanthi M. and **Vaseeharan B.** Published CTCRI, Sreekariyam, Trivandrum-695017, Kerala.
2. **Vaseeharan B.**, GENETICS AND EVOLUTION, M. Sc Zoology Materials – Distance Education Programme (DDE)-Alagappa University.
3. **Vaseeharan B.**, PARASITOLOGY- Practical- Distance Education Programme (DDE)- Alagappa University
4. **Vaseeharan B.**, PARASITOLOGY–M. Sc Zoology Materials – Distance Education Programme (DDE)-Alagappa University.
5. Sibiya AM; Ramya AK; **Vaseeharan B.** Bioactive Molecules from *Phyllanthus niruri* and Investigating their effects against Diabetes. Recent Trends in Biochemistry, Med Docs Publishers LLC. 2020
6. Jeyachandran Sivakamavalli, **Baskaralingam Vaseeharan.** An Overview of Omics Approaches: Concept, Methods and Perspectives. Recent Trends in Biochemistry, Med Docs Publishers LLC. 2020

K. EVALUATION ACTIVITIES AS JOURNAL REFEREE

2020

- Environmental research
- Environment international
- Desalination and water treatment
- Fish and shellfish immunology
- International journal of nanomedicine
- Journal of phytochemistry and photobiology B: Biology
- Current microbiology
- Journal of cluster science
- Applied organometallic chemistry
- Aquaculture
- Journal of medical microbiology
- Gene reports
- Experimental parasitology

- Biotechnology reports
- Microbial pathogenesis
- Carbohydrate polymer
- ACS applied materials and interfaces
- Biocatalysts ad Agricultural Biotechnology
- Science of the total environment
- International journal of biological macromolecules
- Nanostructure and nanoobject
- ACS applied Biomaterial
- Journal of basic and clinical physiology and pharmacology
- Journal of drug delivery science and technology
- Heliyon
- Chemical data collection
- International journal of hygiene and environmental health
- Chemosphere
- Toxicology reports
- Arabian journal of chemistry
- Inorganic metalorganic and nanometal chemistry
- Electronic journal of biotechnology
- Aquaculture reports
- Bioorganic chemistry
- Micro and nano letters
- Environmental science and pollution research
- Optical materials or its open access mirror
- Planta medica international open
- Inorganic chemistry communication
- Ecotoxicology and environmental safety
- Fish physiology and biochemistry
- Materials letters or its open
- Letters in applied microbiology
- International journal of pest management
- Biological trace elements
- Journal of food biochemistry
- Journal of Taibah university for science
- Genica rural
- Process biochemistry
- Diabetes
- Metabolic syndrome and obesity
- Journal of experimental pharmacology
- Materials today proceedings
- Biochemistry and biophysics reports
- Journal of hazardous materials
- International journal of nanomaterials

2019

- International journal of environmental analytical chemistry
- Nanostructure and nano-objects
- Biocatalysis and agricultural biotechnology
- Chemistry and physics of lipids
- Sustainable chemistry and pharmacy
- Fish & shellfish immunology
- Saudi Journal of Biological science
- Chemical papers
- Plos One
- Journal of Environmental Chemical Engineering
- Thalassus: An International Journal of Marine Science
- Probiotics and Antimicrobial proteins
- Brazilian Archieves of Biology and Technology
- Environmental Science & Pollution Research
- Desalation and Water Treatment • Fish physiology and biochemistry

- RSC advances
- Process Biochemistry
- Hellyon
- Aquaculture
- Biologica
- Journal of Aquaculture and Fisheries
- Carbohydrate Polymers
- International Journal of Biological Macromolecules
- Biocatalysis and agricultural biotechnology
- New Journal of Chemistry
- Molecular Biology Reports
- Journal of Cluster Science
- International Journal of Peptide Research and Therapeutics
- Material Chemistry and Physics
- Molecular Biology Reports
- Applied Organo Metallic Chemistry
- Journal of Cle
- aner Production
- Chemical Engineering
- Chemical Data Collections
- Journal of Physics and Chemistry of Solids
- Process Biochemistry
- Applied Surface Science
- CYTA – Journal of Food
- Material Research
- Letter in Applied Microbiology
- Journal of Polymer and Environment
- Environment International
- Sift Desk
- Environmental Nanotechnology, Monitoring and Management
- Sustainable Chemistry and Pharmacy
- Meta Gene
- Chemosphere
- Medical and Veterinary Entamology
- Toxicology Reports
- Journal of Medical Microbiology
- Inorganic Chemistry Communication
- Current Microbiology
- Nanomedicine
- Journal of Basic and clinical Physiology and pharmacology
- Journal of Invertebrate Pathology
- Applied Microbiology and Biotechnology
- Microbial Pathogenesis
- Biotechnology Reports

2018

- Fish & Shellfish Immunology – Elsevier (Impact factor- 3.1)
- IET nanobiotechnology – NCBI
- Anais da Academica Brasileira de clendas – NCBI (Impact factor- 0.89)
- British Journal of Nutrition – Cambride Board (Impact factor- 3.3)
- Chemical Papers – Springer (Impact factor- 1.2)
- Journal of Applied Biomedicine – Elsevier (Impact factor- 1.3)
- Journal of cleaner production – Elsevier (Impact factor- 5.7)
- Journal of Inorganic and Organometallic polymers and materials – Springer (Impact factor- 1.45)
- Journal of photochemistry and photobiology B: Biology – Elsevier (Impact factor- 2.6)
- Nanomedicine – (Impact factor- 0.26)
- International journal of Biological Macromolecules – Elsevier (Impact factor- 3.6)
- Colloids and Surface B Biointerfaces – Elsevier (Impact factor- 3.8)
- Ciencia Rural – Elsevier (Impact factor- 3.6)
- Probiotics and Antimicrobial Protein – Springer (Impact factor- 1.76)
- Inorganic and Nanometal Chemistry – Taylor & Francis (Impact factor- 0.7)
- Biomedicine and pharmacotherapy – Elsevier (Impact factor- 2.7)
- Aquaculture and Fisheries
- Biocatalysts and Agricultural Biotechnology – Elsevier (Impact factor- 0.8)

2017

- Biotechnology research and innovation- Elsevier
- Journal of Advanced Ceramics (JACE) – Springer (Impact factor- 1.198)
- Microbial pathogenesis- Elsevier (Impact factor- 2.12)
- Antonie van Leeuwenhoek- Springer (Impact factor- 1.55)
- Journal of Hazardous materials- Elsevier (Impact factor- 6.065)
- Fish and Shellfish immunology- Elsevier (Impact factor- 3.36)
- Nanomedicines- Elsevier (Impact factor- 6.69)
- PLOS ONE (Impact factor- 3.23)
- Current drug Metabolism- Bentham Science (Impact factor- 2.97)
- Science of the Total Environment- Elsevier (Impact factor- 3.97)

2016

- Fish and Shellfish Immunology-Elsevier (Impact factor- 3.044)
- Molecular Biology Reports- Springer (Impact factor- 2.929)
- Marine Biotechnology-Springer (Impact factor- 2.587)
- Journal of Applied Microbiology-Wiley online library (Impact factor- 2.098)
- FEMS Microbiology Letters- Wiley online library (Impact factor -2.199)
- Aquatic Ecology – Springer (Impact factor- 1.549)
- Medical Science Monitor- Research gate scientific network (Impact factor- 1.54)
- Letters in Applied Microbiology – Wiley online library (Impact factor- 1.64)
- Biocontrol Science and Technology- Taylor & Francis (Impact factor- 0.684)
- Journal of Medicinal Plant Research – Academic Journals.
- African Journal of Food Science- Academic Journals.
- Journal of Agricultural Science and Technology- Academic resources (Impact factor- 0.2334)
- Indian Journal of science and technology- Indian Society for Education and Environment.
- Aquaculture- Elsevier Journal (Impact factor-1.878)
- Applied Biochemistry and Biotechnology (Impact factor-1.32)

L. THESIS EVALUATION – As EXTERNAL EXAMINER

PhD

University	Year	Evaluation	Viva- voce
Annamalai	2014	2	2
	2015	3	1
	2016	-	1
Bharathiar	2014	2	1
	2017	1	-
	2018	1	1
Bharathidhasan	2011	1	2
	2012	4	4
	2014	-	1
	2015	3	4
	2016	-	1
	2017	-	1
	2018	-	-
	2019		4
Karpagam	2011	1	1
	2012	2	2
	2014	1	1
	2017	2	2
	2018	1	-
MKU	2016	1	1
	2017	1	2
MSU	2009	1	1
	2010	1	1
	2011	1	1
	2014	4	5
	2015	1	2
	2016	1	1

Baskaralingam Vaseeharan

	2017	5	4
	2018	-	-
	2019	2	1
	2020	4	1
VIT	2012	-	2
	2014	-	1
	2015	1	3
	2016	-	1
	2017	-	1
	2018	-	-
Periyar University	2018	-	1
Anna University	2020	1	-
Thiruvalluvar University	2019	1	-

M.phil

University	Year	Evaluation	Viva –voce
Bharathiar	2011	3	-
	2013	1	
	2014	2	
	2015	1	
Bharathidhasan	2014	1	-
Karunya	2014	1	-
MKU	2011	1	-
VIT	2013	2	-

M. EDITORIAL BOARD

1. Editor-in-chief, Alagappa University Journal of Biological Sciences
2. Associate Editor, Journal of Research in Biotechnology
3. Associate Editor, Research journal of medical and allied sciences

N. MENTORING EXPERIENCE

Course	Total Guidance
PDF	
• Completed	2
• Submitted	0
• Ongoing	0
Ph. D Animal Health and Management	
• Completed	14
• Submitted	1
• Ongoing	7
M. Phil Zoology	11
M. Sc Zoology	49

O. COORDINATOR/ FELICITATOR/ CHAIRPERSON IN WORKSHOP & TRAINING PROGRAMS

- 2020- Inagural address at Swachhta Pakhwada-2020 organised by Dept. of Botany, Alagappa University on 29th January 2020
- 2019- Resorce person - international conference on “Recent Advancement on Biomolecule Inventions-RABI’19” organized by dept of zoology, Holy Cross College, held on 26-27 July 2019, Nagercoil, India.
- 2018- Co-ordinator - valedictory at Business Oriented Analytical Research and Development (BOARD-2018) organized by Department of Physics & Business collaboration Center, Alagappa University, Karaikudi on 1st Feb 2018
- 2018- Felicitation at Two-day short-term training programme on “Hands on Training in Computer Networks and R Programming” organized by University Business collaboration Center & Department of Computer Applications, Alagappa University, Karaikudi on 1st Feb 2018

- 2018- Felicitation at Two-day Workshop on “Fabric Embellishment Techniques & Dance Ornaments Making Skills” organized by Alagappa Institute of Skill Development Department of Fine Arts & University Business collaboration Center, Alagappa University, Karaikudi on 24th Jan 2018
- 2018- Felicitation at Two-day Workshop on Good and Services Tax Taining Programme organized by University Business collaboration Center & Department of Corporate Secretaryship, Alagappa University, Karaikudi on 24th Jan 2018
- 2018- Valedictory address at National Level Workshop on “Commercialization Prospects of Microbial Formulates” organized by Department of Microbiology & University Business collaboration Center, Alagappa University, Karaikudi on 22nd to 25th Jan 2018
- 2018- Valedictory address at Four days National Workshop Cum Short Term Taining Programme on “Cultivation of Mushroom and Business Commercialization” organized by Department of Botany & University Business collaboration Center, Alagappa University, Karaikudi on 11th Jan 2018
- 2018- Coordinator at One day Taining Programme on “Achieving Publication Index Scores” organized by Department of Library and Information Science & University Business collaboration Center, Alagappa University, Karaikudi on 10th Jan 2018
- 2017- Felicitation at A two-day Training Programme on “Business Communication” organized by Department of English and Foregin Languages & University Business collaboration Center, Alagappa University, Karaikudi on 22nd & 23rd dec 2017
- 2017- Felicitation at “Business Skills Training on Challenges of Operating in Business Environment” organized by Department of Mathematics & University Business collaboration Center, Alagappa University, Karaikudi on 19th dec 2017
- 2017- Coordinator- UBCC at One day National Conference on Payment Banks and Small Finance Banks- New Vistas for Innovative Banking (PSFB-2017) organized by Department of Banking Management & University Business collaboration Center, Alagappa University, Karaikudi on 16th dec 2017
- 2017- Felicitation at two-day workshop on NOVELTY FOR SUSTAINABLE AND GREEN BUSINESS MANAGEMENT (NSGBM 2017) organized by Alagappa Institute of Management & University Business Collaboration Centre, Alagappa University, Karaikudi on 14th & 15th dec 2017
- 2017- Event in-Charge at Swachhta Pakhwada 2017 and Swachhta Hi Seva 2017 organised by Centre on Swachh Bharat & Swasth Bharat, Alagappa University, Karaikudi on 13.12.2017
- 2017- Chairperson at International Conferences on “Frontier Areas in Chemical Technologies - 2017 (FACTs - 2017) organized by Department of Industrial Chemistry, Alagappa University, Karaikudi from 06.07.2017 to 08.07.2017
- 2017- Felicitation at Workshop on “Career Prospects & Developments in Computer Science” organized by University Business Collaboration Center & Department of Computer Science, Alagappa University, Karaikudi on 27.02.2017
- 2017- Coordinator- UBCC at Training programme on “Training and Scope of SCUBA Diving” organized by Department of Oceanography & Coastal Area Studies and University Business Collaboration Center, Alagappa University, Karaikudi on 16.02.2017
- 2017- Felicitation at Workshop on “Soft Skills – To Industry Needs” organized by Department of English and Foreign Language & Business Collaboration Center, Alagappa University, Karaikudi on 10.02.2017
- 2017- Felicitation at Workshop on “Computer Hardware and Networking” organized by Alagappa Institute of Skill Development & University Business Collaboration Center, Alagappa University, Karaikudi on 10.02.2017
- 2017- Coordinator - UBCC at Workshop on “Fashion and Apparel Accessories Making” organized by Alagappa Institute of Skill Development & University Business Collaboration Center, Alagappa University, Karaikudi on 09.02.2017
- 2017- Felicitation at National level workshop and short-term training programme on “Micro propagation and Business Commercialization of Indian Medicinal Plant” organized by Department of Botany & University Business Collaboration Center, Alagappa University, Karaikudi on 31.01.2017
- 2017- Inaguration at Training programme on “Entrust, Educational and Entrepreneurial Skills of Teacher Trainees (EEETT-2017)” organized by Department of Education & Business Collaboration Center, Alagappa University, Karaikudi on 30.01.2017
- 2017- Felicitation at Workshop on “International Logistics Leverage (WILL)” organied by Department of Logistics Management, Business Collaboration Center, Alagappa University, Karaikudi and Confederation of Indian Industry on 27.01.2017
- 2017- Coordinator at Workshop on “Novelty for Sustainability and Dynamic Equilibrium of Business” organized by Alagappa Institute of Management & University Business Collaboration center, Alagappa University, Karaikudi on 19.01.2017 & 20.01.2017

- 2017- Coordinator at Training programme on “Recent Trends in Software Industries and Role of Income tax and Sales tax in Business”
- 2016- Thematic Address on BCC at “Small Industry Day”, organized by Department of Logistics Management, Alagappa University, Karaikudi on 30.08.2016

P. SHORT COURSES | TRAINING

- "Training course on shrimp farming" conducted by The Marine Products Export Development Authority (MPEDA), Cochin during 02.05.1995 to 31.05.1995.
- “Training Orientation Programme” for faculty improvement conducted by Academic Staff College, VIT University, Vellore, August 2007.
- “Real Time PCR training course” conducted by Labindia Research Development Laboratory, Gurgaon during 15.12.2010 to 17.12.2010.
- “Office Assistant Course” conducted by Bhavan Gandhi Institute of Computer Education and Information Technology, during May-July, 1999.

Q. FOREIGN COUNTRY VISITED

Place: Hong kong

Purpose of Visit: 9th International Conference on Marine pollution and Ecotoxicology

Duration: 10th – 14th June 2019

Place: Malaysia

Purpose of Visit: Binary University – Meeting on Implementation of MOA

Duration: 27th – 31st January 2019

Place: Malaysia

Purpose of Visit: Open University Malaysia – Research discussion in Biodiversity

Duration: 23rd - 28th June 2018

Place: Bali, Indonesia

Purpose of Visit: International Conference – 10th Symposium on disease in Asian Aquaculture

Duration: 28th August – 1st September 2017

Place: Department of Fisheries of the Royal Thai Government, Asian Fisheries Society, Bangkok, Thailand

Purpose of Visit: International Conference on 11th Asian Fisheries and Aquaculture Forum

Duration: 3rd August -7th August 2016

Place: Mahidol University, Bangkok, Thailand

Purpose of Visit: Training cum collaboration visit

Duration: 21st May -2nd June 2016

Place: Mahidol University, Bangkok, Thailand

Purpose of Visit: Training cum collaboration visit

Duration: 20th May -15th June 2014

Place: Queens University of Belfast, Belfast, Northern Ireland, UK

Purpose of Visit: Indo Ireland scientific cooperation programme- QUB, Belfast.

Duration: 5th – 20th of June 2012

Place: Switzerland

Purpose of Visit: 4th European Microbiological Association Conference (FEMS)

Duration: June 26th- 30th 2011.

Place: National Taiwan Ocean University, Keelung, Taiwan.

Purpose of Visit: Indo-Taiwan Scientific Collaboration, DST project

Duration: Nov 15th 2009 to Nov 30th 2009, June 26th 2009 to July 7th 2009, June 06th 2010 to July 10th 2010

Place: National Tsing Hua University, National Taiwan Ocean University, Taiwan. Funded by National Science Council, Taiwan.

Purpose of Visit: Post Doctoral fellow

Duration: Oct 2003 to May 2004, July 2004 to July 2007

R. REFERENCES

Name

Dr. T. Subramoniam, D.Sc, FNA, FAAS, FNASc

Baskaralingam Vaseharan

Position INSA Senior Scientist
Address National Institute of Ocean Technology, OSTI
Velacherry-Tambaram main road, Narayanapuram, Chennai, Tamil Nadu
INDIA - 601 302. Phone : 91 44 6678 3426,
Phone : 91 44 4510794 (Res.) Fax : 91 44 6678 3430,
Email : tsbl71@hotmail.com

Name **Dr. Jiann-Chu Chen**
Position Professor& Dean, College of Life Sciences,
Address Department of Aquaculture, National Taiwan Ocean University, Keelung,
Taiwan, 202, ROC
Tel: +886-2-2462-0295, Fax: +886-2-2462-0295
E-mail: jcchen@mail.ntou.edu.tw

Name **Prof. Boonsirm Withyachumnarnkul**
Position Faculty of Science,
Address Center of Excellence for Shrimp Molecular Biology and Biotechnology (Centex
Shrimp), Mahidol University, Rama VI Road, Bangkok 10400, Thailand
Telephone: (+66) (0)2201 5866, Fax: (+66) (0)2354 7168
E-mail: wboonsirm@yahoo.com

S. PERSONAL DETAILS

Surname (as in passport)	Baskaralingam
Given Names (in full)	Vaseharan Baskaralingam
Title	Dr.
Date of Birth	05. 06.1970, Age:50
Country of Birth	India
Citizenship	Indian
Passport Details	National Passport, Republic of India, K9692226 (Valid until: 2023)
Mother Tongue	Tamil
Name of Parents	Father- Baskaralingam
Marital Status	Married
Spouse	Mrs. S. Sudha
Children	Ms. V. Suvetha Devi, Ms. V.S. Kowshika Devi
Research Experience	16 years
Teaching Experience	12 years
E-mail	vaseharanb@gmail.com vaseharanb@alagappauniversity.ac.in
Telephone	Tel: +91-4565-225682 Fax: +91-4565-225202
Mobile	+91 9894720893
Office Address	Department of Animal Health & Management, Alagappa University, Science Block, 6th Floor, Burma Colony, Karaikudi-2
Permanent Address	C5, Senero Apartments, Valluvar Salai Thilagar Nagar, Karaikudi-630 002, Sivagangai dt. Tamil Nadu, India
Language Known	Tamil, English

Date:

Place: Karaikudi

Vaseharan. B