



Dr. P. SRINIVASAN
Associate Professor

Contact

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Academic Qualifications: M.Sc., Ph.D.

Teaching Experience: 14 Years

Research Experience: 16 Years

Additional Responsibilities

1. Head in-charge, Department of Bioinformatics, Alagappa University (26.05.2008-19.03.2009)
2. Member, Standing committee on academic affairs, Alagappa University (2008-2009)
3. Programme Officer, National Service Scheme, Alagappa University
4. Programme Officer, Red Ribbon Club, Alagappa University
5. Co-ordinator, Environmental Awareness Club, Alagappa University (31.12.2015 - 30.12.2016)
6. Co-ordinator, Village Placement Programme, Department of Bioinformatics, Alagappa University (2008 - 2015)
7. University Representative for DDE Examinations, Alagappa University
8. Coordinator for assisting the nodal officer - NAAC Re-accreditation
9. Squad Member, Affiliated Colleges Examinations, Alagappa University
10. Member, Board of Examinations, Department of Bioinformatics, Alagappa University

11. Stock Verification Officer, Alagappa University
 12. Inspection committee member, Revival of approved research centre (Zoology) of Alagappa University affiliated Colleges.

Areas of Research

Phage therapy
 Molecular interactions between the Aquatic animals and Microbes
 Cancer & Diabetes
 Plant derived bioactive compounds

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	3	3
	M.Phil.	13	1
Project	PG	18	2
	UG / Others	4	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
56	41	8	57	5

Cumulative Impact Factor (as per JCR) : 81.1968
h-index : 9
i10 index : 8
Total Citations : 278

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	AURF	2009	2010	Studies on Bacillus bacteriophages from Wunapoo and aquaculture environment with potential biocontrol effects against pathogenic microbes in the aquaculture environments of India	00.64
2	TNSCST & DBT	2010	-	Phylogenetic analysis of O-antigen producing bacteria awarded by Tamilnadu State Council for Science and Technology, Govt. of Tamilnadu	00.10

3	UGC	2010	2013	Anti-tumor effects of biologically synthesized nanoparticles from leaf extracts of <i>Vitex negundo</i> : An in vitro model (Co-PI)	09.84
4	TNSC&ST	2010	2012	Genome characterization and molecular docking of <i>Bacillus</i> phages and their inhibitory effects against shrimp pathogenic bacteria	01.89
5	UGC's RGNF	2010	2013	Anti-Cancer activity of biologically synthesized bioactive compounds from leaf extracts of Medicinal plants: An in vitro and in vivo model	06.00
6	UGC	2011	2014	Molecular characterization and biocontrol effect of <i>Vibrio</i> bacteriophages from shrimp aquaculture environment	09.62
7	CSIR	2011	2014	Investigation of binding of HA protein with sialic acid and ligand base lead identification of neuraminidase inhibitor of H1N1 2009 influenza A virus (Co-PI)	15.98
8	DST women's scientists scheme	2011	2014	Biological evaluation and in silico analysis of medicinal plant derived bioactive compounds (<i>Lippia nodiflora</i> and <i>Anisomeles malabarica</i>) with anti-inflammatory activity	15.36
9	UGC	2012	2015	Antiviral activity of Chitin Nanoparticles against White Spot Syndrome Virus of <i>Penaeus monodon</i> Fabricius (Co-PI)	07.91
10	DST-FAST TRACK	2012	2015	Development of Microarray for the detection of Bacteria / Bacteriophages and controlling measures against pathogenic bacteria from shrimp aquaculture environment	23.44
11	ICMR	2012	2015	Diversity of <i>Salmonella</i> specific bacteriophages in Tamilnadu and screening potent phages to treat salmonellosis (Co-PI)	16.32
12	UGC's RGNF	2013	2016	Characterization of <i>Bacillus</i> phage as potential antimicrobial agents for shrimp pathogenic bacteria	06.00

Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	DST	2017	2020	Molecular insights of platinum conjugated doxorubicin theranostic system targeting apoptosis mediated genomic instability in breast cancer cell	26.3

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Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	-	-	-	-	-

Others

Funds received from various agencies for symposia/seminars/conferences

S. No.	Name of the Programme	Funding Agency	Budget (Rs. In lakhs)
1.	5th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" [SBCADD'2013]	Eppendorf India Limited	00.15
2.		Taminadu State Council for Science and Technology	00.20
3.		Department of Biotechnology, New Delhi	02.00
4.		Department of Science and Technology, New Delhi	01.00

Patents

1. -

Distinctive Achievements / Awards

1. Best NSS Programme Officer (2015-2016), Alagappa University
2. DST-Fast Track Young Scientist Award - Department of Science & Technology, New Delhi
3. Post Doctoral Research Award - Department of Genetics, Mohidal Univeristy, Thailand
4. Teaching cum Research Fellow Award - University of Madras, Chennai
5. Tamil Nadu Junior Research Fellowship Award - Government of Tamil Nadu

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 42

1. International Colloquium on "Emerging Biotechnologies in Agriculture, Animal Health and productivity - [ICEB'09]" - February, 22-27, 2009.
2. National Seminar on "Recent Trends in Molecular Modeling and Drug Design" - [NaSMoD'09] - March, 18-19, 2009.
3. National Seminar on "The role of genomics and bioinformatics in animal health and management" - March 25-26, 2009.
4. National Workshop on "Applications of Molecular Modeling and Structural Bioinformatics" - January, 27-29, 2010.

5. 3rd National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" [SBCADD'2010] - December, 20-22, 2010.
6. South Zone Vice-Chancellor's Conference - June, 16 & 17, 2010).
7. 4th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" [SBCADD'2012] - February, 20-23, 2012.
8. 5th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" [SBCADD'2013] - February 19 - 22, 2013.
9. 6th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" [SBCADD'2014] - February 18 - 21, 2014.
10. 7th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" [SBCADD'2015] - February 24 - 27, 2015.
11. Training programme on "Shrimp and finfish production skills for aquaculture business" December 15, 2015.
12. International Conference on "Recent Trends in Biosciences" (ICRTB 2016) – April 07 – 09, 2016.
13. International Workshop on "Molecular Physiology, Therapeutics and Experimental Medicine" - September 6 & 7, 2016.
14. Fire and Safety Awareness camp for Alagappa University Students and Staff Members - October, 19, 2016.
15. Eye Camp for University Students and Staff Members.
16. Workshop on Digital India 2016.
17. World AIDS Day 2013 (03.12.2013)
18. World AIDS Day 2014 (01.12.2014)
19. NSS orientation on Implementation of NSS programmes (13.02.2014)
20. Programme and networking management and peer education for Pos (11.02.2014).
21. RRC Peer Educator training (12.03.2014)
22. International Day of Yoga (21.06.2015)
23. National Voter's day (organsing Awareness Programmes-Administering Pledge) (25.01.2014)
24. National Voter's day (organsing Awareness Programmes-Administering Pledge) (25.01.2015)
25. Pledge and Rally of Sardar Patel's Birth Anniversary: Spreading the message of Unity, Safety and Security (31.10.2014).
26. National Voter's day (organsing Awareness Programmes-Administering Pledge) (25.01.2016).
27. Observation of Swachhta Pakwara and Trianga (Tricolour-National Flag) (22.08.2106).
28. Blood donation camp (11.12.2015).
29. National Youth Day (12.01.2015)
30. Fire and Safety Awareness camp for Alagappa University Students and Staff Members (19.10.2016).
31. Eye Camp for University Students and Staff Members
32. Digital India 2016 (30.09.2016).

33. Tree Planting Campaign (17.12.2014).
34. Blood donation camp (14.10.2014).
35. Communal Harmony Day (organized by NSS, Alagappa University) (20.08.2015).
36. Village Placement Programme
37. Youth Awakening day (15.10.2015)..
38. Constitution day (26.11.2015).
39. Camp on Healthy youth for healthy India.
40. Gandhi Jayanthi and International non-violence day (02.10.2015).
41. Special Swachhta Campaign (12th August 2016).
42. Digital Economy (12.12.2016 - 12.01.2017)
43. Implementation of NSS Programmes (09.08.2017)

Events Participated

Conferences / Seminars / Workshops: 44

Workshop

1. Immunity and Inflammation. Demonstration of Antigen in Tissue Sections (8.12.2000 & 9.12.2000)
2. Ethics in Medical research (11.10.2004)
3. Immunotechnology (20.10.2005 & 22.10.2005)
4. Techniques in Biotechnology-Immunocytochemistry (8.05.2007 & 11.05.2007)
5. General Elections 2009 training programme (03.05.2009 & 10.05.2009)
6. Seattle-India Joint Research Training Program "Advanced Technologies and Research Proposal Development (30.01.2011 - 05.02.2011)
7. General Elections 2009 training programme (03.04.2011)
8. Expansion and enrichment of distance learning (27.03.2012 & 28.03.2012)
9. NSS Orientation course by Empanelled Training Institution-National Service Scheme (03.10.2013 & 09.10.2013)
10. Programme & Networking management and peer education for Pos (11.02.2014)
11. Faculty Development on Diversity in Teaching (07.03.2014 & 08.03.2014)
12. Molecular Physiology, Therapeutics and Experimental Medicine (06.09.2016 & 07.09.2016)
13. Data Science and Analytics (27.09.2016 & 28.09.2016)
14. Digital India 2016 (30.09.2016)
15. Implementation of NSS Programmes (09.08.2017)

Conferences

16. Unani System of Medicine (28.10.2000 & 29.10.2000)
17. Condensed Matter Physics (06.07.2002)
18. The Sixth Indian Fisheries Forum (17.12.2002 - 20.12.2002)
19. Microbiology of the Tropical Seas (13.12.2004 - 15.12.2004)
20. Emerging Biotechnologies in Agriculture, Animal Health and productivity (22.02.2009 & 27.02.2009)
21. Ahimsa and Animal alternatives - The implications and benefits of teaching humane science (02.10.2009)
22. 9th Asian Fisheries & Aquaculture Forum (21.04.2011 - 25.04.2011)
23. Recent Trends in Biosciences (07.04.2016 - 09.04.2016)

24. Recent advances in modern medicine: molecular signalling scenarios in tissues and diseases (03.09.2016 - 04.09.2016)
25. Recent Trends in Microbiology (07.12.2016 - 08.12.2016)

Symposiums

26. Structural Biology and Symposium on Biophysics (21.01.2002 - 23.01.2002)
27. Importance of nanoscience and technology (14.03.2009 - 15.03.2009)
28. Stem cells & Regenerative medicine (24.10.2009)
29. 3rd National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" (20.12.2010 - 22.12.2010)
30. 4th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics And Computer Aided Drug Design" (20.02.2012 - 23.02.2012)

Congress

31. First Science Conclave (Interaction with Nobel Laureates and Eminent Scientists) (15.12.2008 - 21.12.2008)
32. 9th Tamil Science Congress (11.09.2009 - 13.09.2009)
33. Second Science Conclave (Interaction with Nobel Laureates) (08.12.2009 - 14.12.2009)

Seminars

34. Molecular Biology and Biotechnology (20.08.1999)
35. Biotechnological and Immunological Strategies for Research (15.03.2001 - 16.03.2001)
36. Genomics and proteomics (19.02.2003 - 20.02.2003)
37. Applications of radioisotopes and radiation technology for societal development (13.07.2004 & 14.07.2004)
38. Structural Biology (04.03.2005)
39. Bio-ethics (26.01.2006 - 27.01.2006)
40. Advancements in Bioelectronics and Biosensors (19.03.2009 & 20.03.2009)
41. Applications of Genomics and Bioinformatics in Animal Health and Management (25.03.2009 & 26.03.2009)
42. Aquatic animal biotechnology (21.10.2013 & 22.10.2013)
43. University-Industry interface meet-II (28.04.2014)
44. Colloquium-triad on higher education quality (09.01.2015)
45. Recent Trends & Future prospectus of Biological Sciences (17.04.2015)

Other Training Programs

Orientation Courses

1. 64th Orientation Course (Bharathidasan University) (20.05.2010 - 16.06.2010)

Refresher Courses

2. Research Methods and Methodology (Pondicherry University) (16.05.2012 - 05.06.2012)
3. Environmental Sciences (University of Madras) (07.07.2015 - 27.07.2015)

Overseas Exposure / Visits

1. Shanghai Ocean University, China

Membership in

Professional Bodies

1. Member, Asian Fisheries Society, Malaysia
2. Life Member, Indian Science Congress Association

Editorial Board/Reviewer

1. Journal of Receptors and Signal Transduction
2. Food and Chemical Toxicology
3. Microbial Pathogenesis
4. Virulence
5. Medicinal Chemistry Research
6. Journal of Cluster Science
7. BMC Complementary and Alternative Medicine
8. African Journal Biotechnology
9. African Journal of Pharmacy and Pharmacology
10. Academic Press Journals in the following areas: Animals and Veterinary Sciences
11. Interdisciplinary Sciences- Computational Life Sciences
12. Journal of Food Science and Technology
13. Indian Journal of Biotechnology
14. Indian Journal of Applied Sciences
15. Indian Journal of Science and Technology

Advisory Board

1. Member, Curriculum Development (M.Sc & M.Phil Zoology and Certificate Courses & Diploma Courses in Medical Lab Technology), Jamal Mohamed College, Tiruchirappalli

Academic Bodies (such as Board of Studies etc.,)

1. Member, Board of Studies in Zoology, Department of Animal Health & Management, Alagappa University
2. Member, Board of Studies in Zoology, Affiliated Colleges of Alagappa University
3. Member, Board of Studies in Zoology (DDE), Alagappa University
4. Member, Board of Studies in Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli
5. Member, Board of Studies in Bioinformatics, Alagappa University
6. Member, Board of Studies in Microbiology and Medical lab technology (B.Sc), Alagappa University
7. Member, Board of Studies in Biotechnology (B.Sc), Alagappa University
8. Member, Ph.D Doctoral Committee - Alagappa University; Bharathidasan University, Bharathiar University, Annamalai University

Others

Memorandum of Understanding Details

1. Charles Sturt University, Australia
2. University of Madras, Chennai
3. Manonmaniam Sundaranar University, Tirunelveli
4. Bharathidasan University, Tiruchirappalli

Other areas of study (Part time)

1. Extra Credit Course in "Fresh Water Fish and Ornamental Fish Culture"
2. Extra Credit Course in "Nature way of Life and Nature cure"

3. Extra Credit Course in “Edible Mushroom Cultivation”

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 14

1. Chief Guest for the Inauguration of Technopole Club, Dr. Umayal Ramanathan College for Women, Karaikudi (28.07.2011)
2. Invited Speaker for Technopole Club (Title: Computers in Biology and Bioinformatics), Dr. Umayal Ramanathan College for Women, Karaikudi (28.07.2011).
3. Invited Speaker for Emerging Trends in Biosciences (Title: Phage Therapy and Bioinformatics), School of Biosciences, Maruthupandiyar College, Thanjavur (06.03.2012)
4. Chairperson for Edible mushroom cultivation, herbal science and mycology - Emerging Trends in Biosciences, School of Biosciences, Maruthupandiyar College, Thanjavur (06.03.2012)
5. Invited Speaker for Biodiversity and Biotechnology (Title: Marine Microbial Informatics), PRIST University, Thanjavur (28.03.2012)
6. Invited Speaker for Special Lecture programme (Title: Molecular taxonomical identification of Bacteria), Sri Sanakara Arts and Science College, Kanchipuram (27.06.2012)
7. Invited Speaker for Research Avenues in Biosciences (Title: Overview of Bioinformatics Tools & Bio-Computing Applications), School of Biosciences, Maruthupandiyar College, Thanjavur (29.01.2013)
8. Invited Speaker for Special Lecture programme (Title: Multiple sequence alignment tools and its application), Sri Sanakara Arts and Science College, Kanchipuram (26.06.2013)
9. Chief Guest for Inaugural function of NIHMCT, National institute of Hotel management and Catering technology (15.07.2013)
10. Invited Speaker for Special Lecture programme (Title: QSAR-Computational Resource for drug discovery), Sri Sanakara Arts and Science College, Kanchipuram (25.06.2014)
11. Invited Speaker for Special Lecture programme (Title: Impact of bioinformatics on biotechnology), JJ College of Arts & Science, Pudukkottai (19.09.2014)
12. Chief Judge for Frontiers in Translational Microbiology - SANMICROFEST 2015 - Sri Sanakara Arts and Science College, Kanchipuram (08.01.2015)
13. Chairperson for Impact of Electronic resources on Teaching, Learning and Research: Issues and Opportunities - Central Library & Directorate of Distance Education, Alagappa University (24.04.2015 - 25.04.2015)
14. Invited Speaker for Special Lecture programme (Title: QSAR-Computational Resource for drug discovery), Sri Sanakara Arts and Science College, Kanchipuram (25.06.2014)
15. Special Lecture programme on Current Scenario of Bioinformatics Tools and their Applications. AVVM Sri Pushpam College, Poondi, Thanjavur (04.08.2017)

Others

1. No. of PhD Thesis evaluated: 10
2. No. of PhD Public Viva Voce Examination conducted: 13

3. Sequences submitted in GenBank: 34

EU622576	EU622577	EU622578	EU622579	KP698607	KR086357	KP698603
EU622580	EU622581	JQ677135	KP635244	KR086360	KT725784	KP698604
KP635245	KP635246	KP635247	KP635248	KX130952	KX130951	KP698605
KP635249	KP698596	KP698597	KP698598	KR086358	KR086359	KP698606
KP698599	KP698600	KP698601	KP698602	KT725785	KX130953	

4. Modelled Protein submitted in the Protein Model Database (PMD):

S. No	PMD id	Protein name	Organism name
1.	PM0076840	LuxR	Vibrio harveyi
2.	PM0077249	VanI	Vibrio anguillarum
3.	PM0077293	Chaperone SurA	Vibrio cholerae
4.	PM0077294	Hemolysin VIIY	Vibrio vulnificus
5.	PM0077458	Mitochondrial import receptor subunit	Homo sapiens
6.	PM0077864	Amino acid acyltransferase	Pseudomonas aeruginosa
7.	PM0077866	RNA Polymerase sigma-H factor	Pseudomonas aeruginosa
8.	PM0077868	Transcriptional Regulator Lysr	Pseudomonas aeruginosa
9.	PM0077945	LuxS Protein	Vibrio harveyi
10.	PM0077956	Dihydroorotase	Vibrio vulnificus
11.	PM0077958	3-oxoacyl-[acyl-carrier-protein] synthase 2	Klebsiella pneumoniae
12.	PM0077338	Urease subunit alpha (UreC)	Proteus mirabilis
13.	PM0077519	Thioredoxin	Alternaria Alternata
14.	PM0077865	S-ribosylhomocysteine lyase	Salmonella typhimurium
15.	PM0077867	Regulatory Protein Rhlr	Pseudomonas aeruginosa
16.	PM0077869	Transcriptional Regulatory Basr	Salmonella typhimurium
17.	PM0077955	Acetolactate synthase	Vibrio anguillarum 775
18.	PM0077959	Siroheme synthase 2	Klebsiella pneumoniae
19.	PM0079199	vanT	Vibrio anguillarum
20.	PM0078040	3-oxoacyl-[acyl-carrier-protein] synthase	Vibrio harveyi 1DA3
21.	PM0078041	3-oxoacyl-[acyl-carrier-protein] synthase	Vibrio harveyi 1DA3
22.	PM0078042	Holo-[acyl-carrier-protein] synthase	Vibrio harveyi 1DA3
23.	PM0078043	Hydroxylamine reductase	Vibrio harveyi 1DA3
24.	PM0078528	Vibrio phage Vpf402	Vibrio sp
25.	PM0078706	Putative Lysozyme	Vibrio phage vBVchM-138
26.	PM0078707	Putative Methylase	Vibrio phage vBVchM-138
27.	PM0078708	Aspartokinase	Vibrio cholerae LMA3984-4
28.	PM0078724	DNA Polymerase	Vibrio Phage (VP4)
29.	PM0078725	DNA Polymerase	Vibrio Phage (ICP3)
30.	PM0078726	Aerobic Ribonucleoside Diphosphate Reductase	Vibrio Phage KVP40

31.	PM0078731	Glycyl-tRNA synthetase	Vibrio cholerae O1 biovar El
32.	PM0078756	valR (Pathogenic Protein)	Vibrio alginolyticus
33.	PM0078757	Phage Lysozyme Protein	Vibrio phage ICP3
34.	PM0078758	Vibrio phage VP3	Vibrio cholerae
35.	PM0078759	Polysaccharide biosynthesis protein	Vibrio vulnificus
36.	PM0078774	Endolysin	Pseudomonas phage Luz19
37.	PM0078775	Lysin	Streptococcus Phage PH10
38.	PM0079196	FlgT (Flagellin) Protein	Vibrio cholerae
39.	PM0079197	VtpA (Metalloprotease) Protein	Vibrio tubiashii
40.	PM0079198	Phospholipase A	Vibrio vulnificus
41.	PM0079200	wbpP (Epimerase) Protein	Vibrio vulnificus

**Social Interests and Initiatives / Articles in News papers etc can also be included

Recent Publications

1. A. Sudha & P. Srinivasan. 2017. Green synthesis of silver nanoparticles using Lippia nodiflora aerial extract and evaluation of their antioxidant, antibacterial and cytotoxic effects. Journal of Cluster Science (Under Review) (IF: 1.664).
2. N. Stalin & P. Srinivasan. 2017. Efficacy of potential phage cocktails against Vibrio harveyi and closely related Vibrio species isolated from shrimp aquaculture environment in the south east coast of India. Veterinary Microbiology, 207: 83-96 (IF: 1.794).
3. S. Rajamanikandan & P. Srinivasan, (2017), "Exploring the selectivity of autoinducer complex with LuxR using molecular docking, mutational studies and molecular dynamics simulations", Journal of Molecular Structure, 1131: 281-293. (Impact Factor: 1.602).
4. D. Sasikala, J. Jeyakanthan & P. Srinivasan, (2017), "Structure-Based Virtual screening and biological evaluation of LuxT inhibitors for targeting Quorum sensing through an in vitro biofilm formation", Journal of Molecular Structure, 1127: 322-336. (Impact Factor: 1.602).
5. S. Rajamanikandan & P. Srinivasan, (2017), "Discovery of potent inhibitors targeting Vibrio harveyi LuxR through shape and e-pharmacophore based virtual screening and its biological evaluation", Microbial Pathogenesis, 103: 40-56. (Impact Factor: 1.794).
6. D. Sasikala, J. Jeyakanthan & P. Srinivasan, (2016), "Structural insights on identification of potential lead compounds targeting WbpP in Vibrio vulnificus through structure-based approaches", Journal of Receptors and Signal Transduction, 36(5): 515-30 2016. (Impact Factor: 2.277).
7. S. Rajamanikandan, J. Jeyakanthan & P. Srinivasan, (2016), "Binding mode exploration of LuxR-thiazolidinedione analogues, e-pharmacophore based virtual screening in the designing of LuxR inhibitors and its biological evaluation", Journal of Biomolecular Structure & Dynamics, 1-20. (Impact Factor: 2.92).
8. T. Sindhu & P. Srinivasan, (2016), "Pharmacophore modeling, comprehensive 3D-QSAR and binding mode analysis of TGR5 agonists", Journal of Receptors and Signal Transduction, 7:1-15 (Impact Factor: 2.277).

9. S. Rajamanikandan & P. Srinivasan, (2016), "Pharmacophore modeling and structure based virtual screening to identify potent inhibitors targeting LuxP of *Vibrio harveyi*", *Journal of Receptors and Signal Transduction*, 36(6):617-632. (Impact Factor: 2.277).
10. S. Rajamanikandan, J. Jeyakanthan & P. Srinivasan (2016), "Molecular docking, molecular dynamics simulations, computational screening to design quorum sensing inhibitors targeting LuxP of *Vibrio harveyi* and its biological evaluation", *Applied Biochemistry and Biotechnology*, 1-27. (Impact Factor: 1.606).
11. D. Sasikala & P. Srinivasan (2016), "Characterization of potential lytic bacteriophage against *Vibrio alginolyticus* and its therapeutic implications on biofilm dispersal", *Microbial Pathogenesis*, 101:24-35. (Impact Factor: 1.888).
12. N. Stalin & P. Srinivasan, (2016), "Characterization of *Vibrio parahaemolyticus* and its specific phage from shrimp pond in Palk Strait, South East coast of India, *Biologicals*, 44(6): 526–533. (Impact Factor: 1.69).
13. V. Thamilarasan, N. Sengottuvelan, A. Sudha, P. Srinivasan & G. Chakkaravarthi, (2016), "Cobalt(III) complexes as potential anticancer agents: Physicochemical, structural, cytotoxic activity and DNA/protein interactions", *Journal of Photochemistry and Photobiology B: Biology*, 162: 558–569. (Impact Factor: 3.035).
14. N. Stalin & P. Srinivasan, (2016), "Molecular characterization of antibiotic resistant *Vibrio harveyi* isolated from shrimp aquaculture environment in the South East Coast of India", *Microbial Pathogenesis*, 97: 110-118. (Impact Factor: 1.888).
15. A. Sudha, J. Jeyakanthan & P. Srinivasan, (2016), "Protective effect of 5-hydroxy-3',4',7-trimethoxyflavone against inflammation induced by lipopolysaccharide in RAW 264.7 macrophage: in vitro study and in silico validation", *Medicinal Chemistry Research*, 25(9): 1754–1767. (Impact Factor: 1.612).
16. R. Vanajothi & P. Srinivasan, (2016), "Exploring the inhibitory potential of bioactive compound from *Luffa acutangula* against NF- κ B – A molecular docking and dynamics approach", *Computational Biology and Chemistry*, 62: 29-35. (Impact Factor: 1.014).
17. A. Sudha, P. Srinivasan, V. Thamilarasan & N. Sengottuvelan, (2016), "Exploring the binding mechanism of 5-hydroxy- 3',4',7- trimethoxyflavone with bovine serum albumin: Spectroscopic and computational approach", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 157 (15): 170-181. (Impact Factor: 2.653).
18. R. Vanajothi & P. Srinivasan, (2015), "An anthraquinone derivative isolated from *Luffa acutangula* induces apoptosis in human lung cancer cell line NCI-H460 through p53 dependent pathway", *Journal of Receptors and Signal Transduction*, DOI: 10.3109/10799893.2015.1108335. (Impact Factor: 2.277)
19. P. Arthi, P. Srinivasan & A. Kalilur Rahiman, (2015), "Dinuclear manganese(II) complexes of hexaazamacrocycles bearing N-benzoylated pendant separated by aromatic spacers: Antibacterial, DNA interaction, cytotoxic and molecular docking studies", *Journal of Photochemistry and Photobiology B: Biology*, 153:247-260. (Impact Factor: 3.035).
20. A. Sudha & P. Srinivasan, (2015), "In vitro, fluorescence quenching and computational studies on the interaction between lipoxygenase and 5-hydroxy- 3',4',7-trimethoxyflavone from *Lippia nodiflora* L', *Journal of Receptors and Signal Transduction*, 35(6): 569-577. (Impact Factor: 2.277).
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