Dr. S. LATHA

Teaching Assistant

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Post-Doctoral Research Fellow (N-PDF)	Anna University, Tiruchirappalli	2017-19	-	-
Ph.D.	Bharathidasan University, Tiruchirappalli	2011-17	Microbiology	Commended
M.Sc.	Bharathidasan University, Tiruchirappalli	2010	Microbiology	1st Class Distinction with D^{++} grade
B.Sc.	J.J. College of Arts and Science, Pudukkottai	2008	Microbiology	1st ClassExemplary with S grade

Teaching Experience

Total Teaching Experience : 0 Years

Position	Institution	Duration
-	-	-

Thesis Evaluated : Nil

PDF/ Visiting Professor : Abroad

Position	Institution	Duration
-	-	-

Research Experience

Total Research Experience : 0 Years

Position	Institution / University	Duration
Research Fellow (DST-INSPIRE)	Bharathidasan University, Tiruchirappalli	2017-19
Post-Doctoral Research Fellow (N-PDF)	Anna University, Tiruchirappalli	2011-17

Academic and Additional Responsibilities

S.No	Position	University Bodies	Period	
			From	To
-	-	-	-	-

Areas of Research

- Actinobacteriology
- Animal Probiotics

Patents Filed: Nil

VivavoceExaminer : Nil

Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	PDF	-	-
	Ph.D	-	-
	M.Phil	-	-
Project	PG	-	1
	UG/ Others	-	-

Publications

International		National		Others
Journals	**Conferences**	**Journals**	**Conferences**	**Books/Chapters/ Monographs/Manuals**
	-		-	04

Cumulative Impact Factor(as per JCR) : 36.153

h-index : 11

i10 index : 13

Total Citations : 415

Funded Research Projects

Ongoing Projects: Nil

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

Completed Projects:

S.No	Agency	Period		ProjectTitle	Budget (Rs.In lakhs)
		From	To		
-	-	-		-	-

Other Fund Received as Research Mentor:

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

Consultancy Projects:

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

Others:

S.No	Agency	Period		ProjectTitle	Budget (Rs.In lakhs)
		From	To		
-	-	-		-	-

Distinctive Achievements / Awards

- Awarded **INSPIRE Fellowship** by Department of Science and Technology (Assured Opportunity for Research Careers), New Delhi, India to undertake Doctoral research.

  Junior Research Fellow (JRF)-From 01.01.2011 to 21.11.2013

  Senior Research Fellow (SRF)-From 22.11.2013 to 31.12.2015

- Awarded **University Rank in M.Sc., (First) and B.Sc., (Fifth)** by Bharathidasan University, Tamil Nadu, India.
- Received **"International Symposium on Cyanobacterial Biotechnology Commemorative Medal 2010 (Univ. Dept.)"** from Bharathidasan University, Tiruchirappalli, Tamil Nadu for first rank in M.Sc.
- Received **Gold medal from J.J. College of Arts and Science,** Pudukkottai, Tamil Nadu for first rank in B.Sc.
- **School first in HSC and SSLC**.

Events organized in leading roles

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

Position	Programme	Duration	Institution
-	-	-	-

Events Participated

Number of Conferences/Seminars/Workshops: 30

Overseas Exposure/Visits - Nil

Membership - Nil

Professional Bodies

AdvisoryBoard

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
-	-	-

Academic Bodies in Other Institutes/Universities

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
-	-	-

Ph.D. Thesis Guided

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

S. No	Name of the Scholar	Title of the Thesis	Year of Completion
-	-	-	-

List of Research Articles / Recent Publications

S. No.	Authors/Title of the paper/Journal	Impact Factor
1.	**Latha. S** and Dhanasekaran. D. 2021. Community Structures of Fecal Actinobacteria in Animal Gastrointestinal System. In: Dhanasekaran. D, Paul. D, Amaresan. N, Sankaranarayanan. A, Shouche. Y. S (Eds.), Microbiome-Host Interactions, CRC Press, Taylor & Francis Group, Boca Raton, FL, USA,ISBN No.: 9781003037521, pp 221-228.	-
2.	Dhanasekaran. D, **Latha. S**, Suganya. P, Panneerselvam. A, Senthil Kumar. T, Alharbi. N.S, Arunachalam. C, Alharbi. S.A, Thajuddin. N. 2020. Taxonomic identification and bioactive compounds characterization of *Psilocybe cubensis* DPT1 to probe its antibacterial and mosquito larvicidal competency. Microbial	**3.8**

	Pathogenesis, 143: 104138.	
3.	Dinesh Kumar. S, Kang Sojin, Santhanam. P, Dhanalakshmi. B, **Latha. S** and Mi-Kyung Kim. 2020. Reciprocal response of nitrogen for enhancing growth and proximate compositions of marine microalga *Tetraselmis* sp. under low saline conditions. Indian Journal of Geo-Marine Sciences, 49 (2): 326-332.	**0.553**
4.	Vinothini. G, **Latha. S**, Arulmozhi. M, Dhanasekaran. D. 2019. Statistical optimization, physio-chemical and bio-functional attributes of a novel exopolysaccharide from probiotic *Streptomyces griseorubens* GD5. International Journal of Biological Macromolecules, 134: 575-587.	**8.2**
5.	**Latha. S**, Hemamalini. A, Dinesh Kumar. S, Arulmozhi. M, Dhanasekaran. D. 2019. Ethnic probiotic foods of South India and their health benefits. In: Sankaranarayanan. A, Amaresan. N, Dhanasekaran. D. (Eds.), Fermented Food Products, CRC Press, Taylor & Francis Group, Boca Raton, FL, USA,ISBN No.: 9780367224226- CAT# K421586, pp 77-92.	-
6.	Dhanasekaran. D, Chandraleka. S, Sivaranjani. G, **Latha. S.** 2019. Microbial organic compounds generating taste and odor in water. In: Gothandam. K. M, Ranjan. S, Dasgupta.N, Lichtfouse. E. (Eds.), Nanoscience and Biotechnology for Environmental Applications. Environmental Chemistry for a Sustainable World, Springer, Cham, ISBN No.: 978-3-319-97922-9, Vol 22, pp 225-248.	-
7.	Dinesh Kumar. S, Kang Sojin, Santhanam. P, Dhanalakshmi. B, **Latha. S**, Min S. Park, Mi-Kyung Kim. 2018. Triggering of fatty acids on *Tetraselmis* sp. by ethyl methane sulfonate mutagenic treatment. Bioresource Technology Reports, 2: 21-28.	-
8.	Dinesh Kumar. S, Kwang-Min Ro, Santhanam. P, Dhanalakshmi. B, **Latha. S**, Mi-Kyung Kim. 2018. Initial population density plays a vital role to enhance biodiesel productivity of *Tetraselmis* sp. under reciprocal nitrogen concentration. Bioresource Technology Reports, 3: 15-21.	-
9.	Vinothini. G, Kavitha. R, **Latha. S**, Arulmozhi. M, Dhanasekaran. D. 2018. Cell aggregating temperament and biopotency of cultivable indigenous actinobacterial community profile in chicken (*Gallus gallus domesticus*) gut system. Arabian Journal for Science and Engineering, 43(7): 3429-3442.	**2.9**
10.	**Latha. S**, Sivaranjani. G, Dhanasekaran, D. 2017. Response surface methodology: A non-conventional statistical tool to maximize the throughput of *Streptomyces* species biomass and their bioactive metabolites. Critical Reviews in Microbiology, 43(5): 567–582.	**6.5**

11.	Muthu Selvam. R, Vinothini. G, Palliyarai Thaiyammal. S, **Latha. S**, Chinnathambi. A, Dhanasekaran. D, Padmanabhan. P, Ali Alharbi. S and Archunan. D. 2016. The cell aggregating propensity of probiotic actinobacterial isolates: isolation and characterization of the aggregation inducing peptide pheromone. Biofouling, 32(1): 71-80.	**2.7**
12.	**Latha. S**, Vinothini. G, John Dickson Calvin. D and Dhanasekaran. D. 2016. *In vitro* probiotic profile based selection of indigenous actinobacterial probiont *Streptomyces* sp. JD9 for enhanced broiler production. Journal of Bioscience and Bioengineering, 121(1): 124-131.	**2.8**
13.	**Latha. S** and Dhanasekaran. D. 2015. Bacteriocin: A natural alternative to synthetic antibacterial antibiotics. In: Dhanasekaran. D, Thajuddin.N, and Panneerselvam. A (Eds.), Antimicrobials: Synthetic and Natural Compounds, CRC Press, Taylor & Francis Group, Boca Raton, FL, USA, ISBN No.: 9781498715621-CAT# K25354, pp 155-174.	**-**
14.	**Latha. S,** Vinothini. G and Dhanasekaran. D. 2015. Chromium [Cr(VI)] biosorption property of the newly isolated actinobacterial probiont *Streptomyces werraensis* LD22. 3 Biotech, 5(4): 423-432.	**2.8**
15.	Dhanasekaran. D, Vinothini. K, **Latha. S**, Thajuddin. N and Panneerselvam. A. 2014. Human dental biofilm: Screening, characterization, *in vitro* biofilm formation and antifungal resistance of *Candida* spp. The Saudi Journal for Dental Research, 5(1): 55-70.	**-**
16.	Dhanasekaran. D, **Latha. S**, Jayabharathi. C, Saha. S, Thajuddin. N, Panneerselvam. A and Saravanamuthu. R. 2013. Effect of mutagens on *Pleurotuseous* APK1 for biomass improvement. Scientific Transactions in Environment and Technovation, 7(2): 89-95.	**-**
17.	**Latha. S** andDhanasekaran. D. 2013. Antibacterial and extracellular enzyme activities of gut actinobacteria isolated from *Gallus gallus domesticus* and *Capra hircus*. Journal of Chemical and Pharmaceutical Research, 5(11): 379-385.	**-**
18.	Saha. S, Dhanasekaran. D, Shanmugapriya. S and **Latha. S**.2013. *Nocardiopsis* sp. SD5: A potent feather degrading rare actinobacterium isolated from feather waste in Tamil Nadu, India. Journal of Basic Microbiology, 53: 608-616.	**3.1**
19.	Dhanasekaran. D, **Latha. S**, Saha. S, Thajuddin. N and Panneerselvam. A. 2013. Extracellular biosynthesis, characterization and *in-vitro* antibacterial	**2.8**

	potential of silver nanoparticles using *Agaricus bisporus*. Journal of Experimental Nanoscience, 8(4): 579-588.	
20.	Saha. S, Dhanasekaran. D, Shanmugapriya. S and **Latha. S**.2012. Investigation of keratinolytic activity by thermo-alkanophilic *Nocardiopsis* sp. SD6 isolated from feather waste soil. Journal of Academia, 2: 27-37.	-
21.	Dhanasekaran. D, **Latha. S**, Saha. S, Thajuddin. N and Panneerselvam. A. 2011. Biosynthesis and antimicrobial potential of metal nanoparticles. International Journal of Green Nanotechnology, 3(1): 72–82.	-

Resource persons in various capacities

National Conferences : Nil

InternationalConferences : Nil

InvitedLectures : Nil

Date : 04.03.2024

Place : Karaikudi

(Signature)

Dr. S. Latha

Teaching Assistant