



**Dr.T.SATHIAMOORTHY**  
**Assistant Professor**

### **Contact**

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

**Teaching Experience: 04 Years and 2 Months**

**Research Experience: 11 Year**

### **Areas of Research**

Medical Microbiology

Nanotechnology

Drug Discovery

Immunobiochemistry

Environmental Microbiology

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	-	-
	M.Phil.	2	-
Project	PG	11	6
	UG / Others	-	-

## Sequence submitted in Gene Bank

1. Natarajaseenivasan, K., **Sathiamoorthi,T.**, Vedhagiri, K. and Selvin, J.2009. *Ralstonia* sp. BARD10 16S ribosomal RNA gene, partial sequence, 1,535 bp linear DNA,GenBank: GQ403791.1
2. Natarajaseenivasan,K., **Sathiamoorthi, T.**, Vedhagiri,K. and Selvin, J.2009. *Shigella* sp. BARD11 16S ribosomal RNA gene, partial sequence, 1,555 bp linear DNA, GenBank: GQ403792.1
3. Chellakumar,S., **Sathiamoorthi,T.** and Prabakaran,P. 2018. *Escherichia coli*, 16S ribosomal RNA gene, partial sequence, 774 bp, linear DNA, GenBank: 2112239. 1.
4. Chellakumar,M., **Sathiamoorthi,T.** and Prabakaran,P. 2018. *Klebsiella pneumoniae*, 16S ribosomal RNA gene, partial sequence, 1219 bp, bp linear DNA, GenBank: 2112245. 1.
5. Chellakumar,M., **Sathiamoorthi,T.** and Prabakaran,P. 2018. *Proteus mirabilis*, 16S ribosomal RNA gene, partial sequence, 1180 bp, linear DNA, GenBank: 2112247.1.

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
11	7	1	4	1

**h-index** : 02  
**i10 index** : 01  
**Total Citations** : 25

## Distinctive Achievements / Awards

UGC-RGNF

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 4

## Events Participated

Conferences / Seminars / Workshops: 16

## Membership in

### Academic Bodies

1. Member of Board of Studies in B.Sc., Microbiology for affiliated colleges of Alagappa University.
2. Member of Board of Studies in M.Sc., Microbiology for affiliated colleges of Alagappa University
3. Executive Member of ALUFA
4. Member, Question Paper setting, Board of M.Sc., Microbiology, Bharathidasan University.
5. Event Co-Ordinator, ALUTES, 2016

## Recent Publications

1. Kumar VG, Latha R, Vedhagiri K, **Sathiamoorthi T**, Jayarani G, Sasikala R, Selvin J, Natarajaseenivasan K. 2009. Phospholipase C, proteinase and hemolytic activities of *Candida* spp. isolated from pulmonary tuberculosis patients. *Journal of Medical Mycology*, 19: 3-10 ISSN: 1156-5233 (Impact Factor: 0.756).
2. **Sathiamoorthi T**, Dhanapaul S, Vedhagiri K, Natarajaseenivasan K. 2011. Prevalence of multidrug resistant *Salmonella* enteric serotype typhi and paratyphi A of human cases from the Tiruchirappalli district, India and their associated virulent markers. *J Public Health*, 19: 517-525. ISSN 1741-3850 (Impact Factor: 2.296).
3. Manivannan, P., Ganesan, P., Naveenkumar, S., Devadoss, D.S., **Sathiamoorthi, T.** and Muralitharan, G. 2011. Molecular modelling of urease accessory interaction proteins of *Helicobacter pylori* J99 and predicting an interruption in interaction by *Vigna radiata*

defensins. *Bioinformation*, 5(10): 410-415. ISSN 0973-2063 (Impact Factor: 0.18)

4. **T. Sathiamoorthi**, J. Joseph Sahayarayan, A.Arivoli. 2016. PREVALENCE OF MULTI DRUG RESISTANCE *CAMPYLOBACTER JEJUNI* FROM RAW CHICKEN MEAT IN ERODE RETAIL SHOP. *International Journal of Current Research*, 8(9):38612-38614, ISSN: 0975-833X.

5. Tariq AL, Reyaz AL, **Sathiamoorthi T**. 2016. Isolation and Identification of Antibiotic Mediated Resistant Betalactum Producing *Escherichia coli* from Urinary Tract Infected Patients in Erode District, Tamil Nadu, India. *Int J Drug Dev & Res* 8: 038-042. ISSN: 0975-9344 (Impact Factor: 0.18).

6. Arivoli Appavu, **Sathiamoorthi Thangavelu**, Satheeshkumar Muthukannan, Joseph Sahayarayan Jesudoss and Boomi Pandi. 2016 STUDY OF WATER QUALITY PARAMETERS OF CAUVERY RIVER WATER IN ERODE REGION. *Journal of Global Biosciences*, 5(9): 4556-4567. ISSN 2320-1355.

7. **T. Sathiamoorthi**, A. Arivoli, J. Joseph Sahayarayan and M. Satheesh Kumar. 2017. Antibiotic Resistance Pattern of Bacterial Pathogens Isolated From Poultry Waste in Erode, *IJEP* 37 (1) : 25-30. ISSN : 0253 – 7141.

8. **T. Sathiamoorthi**, K. Natarajaseenivasan, P. Velmurugan, P. Prabakaran,V. Pradeepa, A. Arivoli, J. S. Sahayarayan. 2017. Prevalence of Multi Drug Resistance Asymptomatic Bacteriuria from Pregnant Women in Karaikudi, Sivagangai District, *International Journal of Modern Science and Technology*, 2(7):277-283. ISSN: 2456-0235.

9. Joseph Sahayarayan Jesudass, Karthikeyan Kandasam, **Sathyamoorthi Thangavel** and Arivoli Appavu, Novel Anti-Streptococcal Peptide Produced by Mangrove Bacteria *Bacillus subtilis*, *Int.J.Curr.Microbiol.App.Sci* (2018) 7(1): 1374-1378, ISSN: 2319-7706.

10. **T.Sathiamoorthi**, R. Rajesh Kumar, G. Selvakumar, A. Kanchana, N. Jasmine, P.Prabakaran. GREEN SYNTHESIS OF SILVER NANOPARTICLES USING GALINSOGA PARVIFLORA LEAF EXTRACT AND ITS ANTIBACTERIAL AND ANTIOXIDANT ACTIVITIES. *International Journal of Microbiology, Biochemistry, and Molecular Biology*. Vol. 03, No. 01, pp. 01-08, 23 July, 2018, ISSN: 2454 7557.

11. **T. Sathiamoorthi**, R. Rajesh Kumar, A. Kanchana, N. Jasmine, G. Selvakumar, P. Prabakaran. CHARACTERIZATION AND BIOLOGICAL APPLICATION OF SILVER NANO PARTICLES PRODUCED FROM SENNA AURICULATA LEAF EXTRACT. *International*

Journal of Recent Advances in Biotechnology, Vol. 02, No. 01, pp. 24-30, 26 July, 2018,  
ISSN: 2454 7565.

**Books Chapter:**

1. A. Arivoli, **T. Sathiamoorthi** and M. Satheeshkumar. 2017. Treatment of Textile Effluent by Phytoremediation with the Aquatic Plants: *Alternanthera sessilis*. In: Bioremediation and sustainable environmental technologies for cleaner environment, Springer, pp-185-197. ISBN 978-3-319-48439-6.