



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

### Contact

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

**Teaching Experience: 02 Years**

**Research Experience: 06 Year**

### Areas of Research

Medical Microbiology  
Nanotechnology  
Drug Discovery  
Immunobiochemistry  
Environmental Microbiology

## 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

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
8	5	1	2	1

<b>h-index</b>	:	<b>02</b>
<b>i10 index</b>	:	<b>01</b>
<b>Total Citations</b>	:	<b>20</b>

## Distinctive Achievements / Awards

UGC-RGNF

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 1

## Events Participated

Conferences / Seminars / Workshops: 15

## 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

## 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.

#### **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

#### **Resource persons in various capacities**

##### **Number of Invited / Special Lectures delivered:**

1. Special Lecture in the Department of Bioinformatics, Bharathiar University, Coimbatore-641 046.