

Dr. TALLURI RAMESHWARI K R

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STUDY OBJECTIVES

Currently Working as a Guest Faculty in DOS in Molecular Biology, University of Mysore, Karnataka.

I have 05 years of research experience as Junior Research Fellow (JRF) (02), Senior Research Fellow (02) and Research Associate-I (01).

My research concentrated on Preliminary detection of the Extra pulmonary tuberculosis through the specific biomarker method. During my research kit for the early identification of the EPTB helps to identify the MTB at preliminary stage of infection. Sputum negative samples are also screened by my detection kit to identify the presence of the Mycobacterium tuberculosis in the sample. Developed the kit for the identification of the EPTB in the early stage, it requires DNA for the amplification, and detects the EPTB in the early stage. It is cost effective, time saver and patients friendly. After my research, I have worked as Research Associate-I in DST funded project regarding the Device development for the detection of the Mycobacterium tuberculosis.

Highlights from my experience and skills:

1. Extensive knowledge in clinical microbiology, biochemistry, and molecular biology.
2. The ability of quick adaptation and learning of new projects, hardworking, team player, experience in supervising students, focused and positive attitude.
3. Expertise in primary cell culture, in vivo and in vitro model (mice and rat).
4. Expertise in molecular biology techniques, SDS-PAGE, gene sequencing analysis, bioinformatics analysis, primer designing, histology study, microscopy, HPLC, GC, scientific communication etc.,
5. Also expert in the Handling, culturing and Isolation of the Mycobacterium tuberculosis (MTB), Media preparation, Middlebrooks culture for the MTB processing, different types of staining methods etc.,

ROLES AND RESPONSIBILITIES

Laboratory Managements:

- Collects, prepares, analyses, dissects, and evaluates specimens and/or tissue cultures of human biopsamples.
- Assists in making chemical analyses of body fluids and tissues; and obtains blood specimens.
- Weighs and anesthetizes laboratory animals for experiments and maintains records on such animals relative to feeding and physical condition.
- Well versed with both in-vivo and in-vitro- studies of experiments.
- Operates laboratory equipment; contributes to laboratory maintenance, Calibrates, set up, and alters laboratory equipment, Devises methods for testing in the laboratory.
- Maintains safe and efficient procedures in the laboratory; handle radioactive and hazardous waste.
- Performs a variety of assays, tests, and studies of a routine nature.
- Performs calculations to complete research test results; collates data; performs statistical analysis of lab results and maintain notes and log or computer database; performs basic procedures for computer assisted data analysis.
- Prepares stock chemical solutions, offer solutions, radioisotope solutions.
- Performs photography and dark room processing. Performs electron microscopy, x-ray, and electrochemical techniques.
- Performs specialized and complex experiments in such areas as molecular biology, cell culture, animal experiments and pathological examination of specimens.
- Operates sensitive and highly complex laboratory equipment and/or perform computer applications.

- Performs a wide variety of assays, tests, and studies of non-routine nature.
- Provides instruction and training to interns, residents, and medical students. Interviews patients relative to health history and perform screening.
- Researches new products, tests, and methodological instruments and reports to the principal investigator relative to feasibility, quality, and benefits of such new developments, with new ideas and techniques.

Report/Article Writing, Guiding and Projects Handling:

- Performs library research and assist in the preparation of grants and manuscripts. Assists in screening and examining of patients/subjects.
- Adapts procedures or methods relative to changes in research projects.
- Designs and implements research protocols; designs safety procedures.
- Collates and analyzes complex data. Maintains microcomputer database.
- Summarizes completed protocols and studies; writes scientific articles and manuscripts for publication and presentation.
- Supervises the safe handling of radioactive and hazardous material; coordinates purchasing requests and writes specifications and justifications for equipment purchases.
- Prepares analytical reports relative to research data.
- Monitors progress of research projects and coordinates information between departmental sections.
- Performs a wide and complex variety of assays, test, and studies, & Performs highly specialized and advanced experiments.
- Maintains highly detailed records of the stages of development of tests and the final results thereof.
- Well versed with all the research related computer software's and analyses the obtained data of results with interpretations.
- Supervises junior research associates, graduate students, and student workers in the laboratory.
- Participates in training sessions, conferences, seminars and workshops etc.,

WORK EXPERIENCE

Sl. No.	Positions held	Name of the Institute	From	To	Total Years of Experience
1.	Guest Faculty	Department of Molecular Biology, University of Mysore, Manasagangothri , Mysuru - 570005, Karnataka	Dec-2023	Till Date	-
2.	Project Associate	Department of Biotechnology (Bio Analytics-Section), Brandenburg University of Technology (BTU) Cottbus-Senftenberg , Universitätsplatz 1 01968- Senftenberg, Cottbus-03046, Germany	April-2023	Nov - 2023	8 Months
3.	Research Associate (RA -I)	Department of Microbiology, JSS Academy of Higher Education & Research, Mysuru-570015, Karnataka	Nov-2021	March -2023	1.5 year
4.	Research Scholar (ICMR-SRF)	Department of Microbiology, JSS Academy of Higher Education & Research, Mysuru-570015, Karnataka	June-2019	July-2021	02 years
5.	Privilege Banker (PB)	ICICI Bank, 3rd Cross Road Infosys Branch, Electronic City Phase II, Electronic City, Bengaluru, Karnataka 560100	Aug-2016	Dec-2016	0.5 years

ACADEMIC CREDENTIALS

Qualification	Institution	Year	Percentage /Grade
Master of Social	DDE, Sri Venkateswara University, Tirupati,	2021	Perusing

Work	Andhra Pradesh 517502		
Research Associate-I	Department of Microbiology, JSS Academy of Higher Education & Research, Mysuru-570015, Karnataka	2023	-
PhD - Microbiology (Doctoral Degree)	Department of Microbiology, JSS Academy of Higher Education & Research, Mysuru-570015, Karnataka	2021	70%
Master of Science-Microbiology (Post-Graduation)	University of Mysore, Maharani's Science College For Women, Mysore – 570005, Karnataka, India.	2016	73.82%
Master of Arts in English	DDE, Sri Venkateswara University, Tirupati, Andhra Pradesh 517502	2021	56.5%
Diploma in Techniques in Biological Research	University of Mysore, Maharani's Science College For Women, Mysore – 570005, Karnataka, India.	2015	81.5%
Bachelor's of Science (Graduation)	University of Mysore, Maharani's Science College For Women, Mysore – 570005, Karnataka, India.	2014	63%
12 th / II PUC / equivalent	Basaveshwara Girls PU College Nelamangala, Bangalore Rural- 562123	2011	56.6%
Std 10 th or Equivalent	Don Bosco High School, Kelagote, Chitradurga- 577501	2009	77.4%

AWARDS/ACHIEVEMENTS/FELLOWSHIP'S

- **“YOUNG SCIENTIST AWARD - 2022”** organized by Women Excellence Awards, from the GENESIN of Educational Impressions, Uttarakhand, India. Dated: April 17, 2022.
- **“YOUNG WOMEN SCIENTIST AWARD - 2022”** at International Conference on **“Emerging Trends and Artificial Intelligence in Pharmaceutical, Biomedical Science & Technology”** Organized by Career Point School of Pharmacy, CPU Kota, Rajasthan. Dated: 04. March 2022.
- **“SERS - OUTSTANDING STUDENT RESEARCH AWARD – 2021”** at the 2nd International Conference on **“Advances in Agriculture, Technology & Applied Sciences for Sustainable Development”** held at Graphic Era Hill University, Dehradun, Uttarakhand, India. Date: 09-10th October 2021.
- **“YOUNG MICROBIOLOGISTS AWARD – 2018”** – at the **International Conference on “Emerging Issues in Agricultural, Environmental & Applied Sciences for Sustainable Development”** held at Biotech Conference Hall, Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Allahabad, Uttar Pradesh, India in association with Pondicherry Institute of Agricultural Sciences (PIAS), Thavalakuppam, Pondicherry & Centre for Environment & Agricultural Development (CEAD), Kosapalayam, Pondicherry, during November 27-29, 2018.
- Ph.D Project Scholarship for Research – **“KARNATAKA STATE GOVERNMENT FELLOWSHIP”** for Merit Student April-2017 to May-2019, Karnataka, India.
- Project Scholarship for Research – Awarded with **“INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR) – SENIOR RESEARCH FELLOWSHIP”** from the Indian Council of Medical Research, Department of Health Research, Ministry of Health and Family Welfare, Government of India, Ref. No. Fellowship/TB/38/2019/ECD-1, 2019-2021.
- **RESEARCH ASSOCIATE (RA-I)** : Project Entitled “Development of Device for the detection of

the Mycobacterium tuberculosis a causal agent of Extra Pulmonary Tuberculosis” Order No. JSSDU/HRD(5)/UNI/16/SVP/2021-22 Dated: 11.11.2021: Ref. No. DST/TDT/BDTD/03/2021, From, Ministry of Science & Technology, Department of Science & Technology, New Delhi, 2 Years.

- **RESEARCH ASSOCIATE (2023-till date):** “Diagnosis and development of strategies for Treatment of Tumor and Autoimmune Diseases”, in Department of Biotechnology (Bioanalytics), Brandenburg University of Technology (BTU) Cottbus-Senftenberg, Universitätsplatz 1, 01968-Senftenberg, Cottbus-03046, Germany.

PATENTS

1. Ms. Talluri Rameshwari K R (Faculty of Life Sciences, JSS Academy of Higher Education & Research, Mysuru)

- **Entitled:** “Early Detection of the Extra Pulmonary Tuberculosis with Specific Gene Identification Process”;
- **Patent Application No: 202041046078; Patent App. Ref. No: 202041046078 Dated: 22/10/2020; Published Journal No: 45/2020. Journal Date: 06/11/2020- IPO**

2. Ms. Talluri Rameshwari K R

- **Entitled:** “Kit Developed for the Early Detection of the Extra Pulmonary Tuberculosis”.
- **Patent Application No: 202141005170; Patent App. Ref. No: 202141005170 Dated: 06/02/2021; Published Dated: 12/02/2021, RQ Filed (filed a Patent and about to receive grant from the Government of India)**

3. Dr. Talluri Rameshwari K R and et. al.,

- **Entitled:** “Spirometer for the Measurement of Lung Function Test”
- **Patent Application No: 389060-001; Patent App. CBR No: 207938 Dated: 26/06/2023 (National)**

4. Dr. Talluri Rameshwari K R and et. al.,

- **Entitled:** “Apparatus for Measuring Hydrophilic Balance (HLB) Value of Surfactants”
- **Patent Application No: 6305800; Patent App. CBR No: 207938 Dated: 25/08/2023 (International Patent -United Kingdom Reference No. UKD-23A65)**

RESEARCH SKILLS

- **RESEARCH ASSOCIATE (April- November 2023):** “Research affects diagnosis and development of strategies for treatment of tumor and autoimmune diseases”.

The research is dedicated to understanding basic cellular functions on the mechanistic level of the involved proteins. The complexity of cellular signaling in apoptosis is highly intriguing. Proteolytic systems such as the ubiquitin proteasome system or autophagy are involved to regulate threshold level of initiator and effector caspases. Protein modifications such as phosphorylation, ubiquitinylation and citrullination affect protein stability and are involved in the regulation of cell survival under stress conditions or pathological conditions such as cancer. Research study investigated the role of proteasomes, proteasome regulators and protein-modifying enzymes, contextually focusing on basic cellular processes important to understand tumor biology. Research affects diagnosis and development of strategies for treatment of tumor and autoimmune diseases.

Under the supervision: Prof. Dr. rer. nat. habil. Ralf Stohwasser, Universitätsplatz 1, 01968 - Senftenberg, Cottbus-03046, Germany.

- **RESEARCH ASSOCIATE-I (2021-23):** “Development of a Device for the detection of the Mycobacterium tuberculosis, causal agent of Extra Pulmonary Tuberculosis”.

The bacterium remains latent in lungs and enters blood. The specific virulence gene enables the bacterium to enter the blood stream. The primer was designed for the detection of this gene and among the other isolates of bacterium, confirmed the role played by the gene. This is patented as a process (Patent Application No. 202041046078). To detect the expressed gene the device will be developed for the

detection of the Mycobacterium Tuberculosis at the early stage before it causes Extra Pulmonary Tuberculosis.

- The specific virulence gene responsible for the bacterium to enter blood was detected.
- Primer was designed for the detection of the genes among the isolates of bacterium.
- Confirmed that all bacterium in EPTB biopsy samples contain the virulence gene.
- The expressed DNA shall be detected by the device designed.
- Through the device early detection of the bacterium before causing EPTB is established.

➤ **PhD PROJECT TITLE (2017-21): “Epidemiology, Histopathological Studies and Molecular Characterization of The Virulence Markers of The *Mycobacterium Tuberculosis* In Extra Pulmonary Tuberculosis”**

The Extra pulmonary tuberculosis (EPTB) is the most communicable disease in the India; caused by the Mycobacterium tuberculosis (MTB), as per the study in 2017 the tuberculosis was the re-emerging disease in India, particularly in Mysore District. This pinned my interest in the finding the virulence gene identification of the EPTB, the objectives included the Arc-GIS software for the **1. Epidemiology study:** of the disease in the Mysore city, (Along with Global, India, and Karnataka) this tells the hotspot, intensity and spread of the disease in the particular area/region. Then sample collection from the particular hotspot area for the identification of the virulence gene. It includes the screening of the organism Mycobacterium tuberculosis. Handled with the **BS 3 Laboratory** and worked in the **BS 3 Laboratory**, for the isolation of the *Mycobacterium tuberculosis*. **2. Histopathology of the EPTB:** helped in observing the pathogenesis of the TB bacterial spread and the drug resistance MTB etc., and Hematoxylin & Eosin staining method, Acid fast staining method etc., are done for the first step of the EPTB detection (but these staining methods are not so accurate for the identification of MTB) Further processed with the sample collection and processing of DNA isolation is done for the MTB **3. DNA Isolation:** Selected the gene through the BLAST/FASTA sequence, Primers Designing is done for the selected genes through the NCBI, PCR is done for the selected virulence gene, followed to agarose gel electrophoresis, standardization of the protocol for the selected virulence gene, and by the gene, we developed the MTB detection kit. **4. Comparison study of the existing MTB kit:** and my research kit for the early identification of the EPTB. Sputum negative samples are also screened by my detection kit to identify the presence of the Mycobacterium tuberculosis in the sample. Developed the kit for the identification of the EPTB in the early stage, it requires a 0.01ng of DNA for the amplification, and detects the EPTB in the early stage. It is cost effective, time saver and patients friendly. And also, expert in the Handling, culturing and Isolation of the Mycobacterium tuberculosis (MTB), Media preparation, Middlebrooks culture for the MTB processing, different types of staining methods etc.,

Research Skills in Molecular Biology

- Isolation of RNA and analysis by transcriptional profiling and Northern blot.
- **Isolation of DNA and analysis by transcriptional profiling and Southern blot.**
- **Protein Study, Expression, SDS-PAGE, ELSIA and Western Blotting**
- **Epidemiological studies, Arc-GIS software etc.,**
- Fluorescence microscopy /SEM analysis etc.,
- Statistical analysis of microarray data
- Genetic screening and manipulations of the gene identification, Basics on handling Mammalian cell culture etc.,
- PCR – Gene Primers Designing and TA Cloning; Primer designing etc.,
- Basics of Mass Spectrophotometer, HPLC handling
- Protein-ligand Docking using Schrodinger Software
- Basics on structure-based Drug Designing against the bimolecular targets mainly in neglected diseases (*Mycobacterium tuberculosis*)
- The use of loop-mediated isothermal amplification (TB-LAMP) – Method
- Nanoparticle Synthesis from the Plant source.

- PCR: used for the amplification of the virulence gene; Nanodrop: DNA quantification
- BLAST/FASTA of Bioinformatics, Primers Designing etc.,
- SDS-PAGE: used for the protein isolation and purification, Cell Culture and Cell Biology
- Agarose Gel Electrophoresis Setup for the DNA, RT-PCR for the Protein Expressions study
- Protein Study: Isolation, Identification, Expression by TA Cloning Method
- Vector Preparation, Plasmid Preparation, Competent Cell Preparation etc.,
- Culturing of the Mycobacterium tuberculosis, Media preparation Both Broth and Solid Media, Isolation, Handling the TB bacteria, etc.,
- Expert in Staining Techniques like Hematoxylin & Eosin staining method, Acid fast staining method, Ziehl-Neelsen Staining method etc.,
- Whole Genome Sequence analysis, Next Next-generation sequencing analysis etc.,

Instruments Handling

- Biosafety Cabinet 2, Biosafety Cabinet 3
- CBNAAT (Cartridge Based Nucleic Acid Amplification Test)
- BD-BACTEC Analysis, PCR, Probe Sonicator etc.,
- Other basics & advanced instruments of Molecular Biology

Hospital Experience

- Analysis of the sample collected from the patients for the further assistance in patient's medication.
- Patients Report writing – Case History, etc.,

RESEARCH & REVIEW PAPER PUBLICATIONS

1. **Original Research Article** “A Comparative Analysis of Spatial Interpolation Incidence of Tuberculosis Prevalence in Karnataka”; **Talluri Rameshwari K R1**, Rakshitha Rani N2, Sunila4, Ravi Kumar M3 and Sumana K1; International Journal of Scientific Research in Science and Technology. 2017 IJSRST | Volume 3 | Issue 8 | Print ISSN: 2395-6011 | Online ISSN: 2395-602X, NAAS Rating: 5.3
2. **Original Research Article** “A Spatial analysis of Incidence of Tuberculosis infection using Interpolation Technique”; Rakshitha Rani N1, **Talluri Rameshwari K R2**, Sunila4, Ravi Kumar M3 and Sumana K1; International Journal of Emerging Technologies and Innovative Research; 2018 JETIR September 2018, Volume 5, Issue 9, ISSN-2349-5162; NAAS Rating: 5.8
3. **Original Research Article** “Speciation of Klebsiella Isolates from Various Clinical Samples and their Antibiotic Susceptibility Pattern”; **Talluri Rameshwari K R1**, Deepa S1, Anuradha K2 and Sumana K3; Journal of Agriculture and Environmental Research in International Conference on EIAEASD-2018 held at SHUATS, Allahabad, Uttar Pradesh, India November 27-29, 2018.
4. **Review Article** “Identifying the Risk Factors of Extra Pulmonary Tuberculosis: An Overview”; **Talluri Rameshwari K R1**,* and Ajay Kumar Singh2; Journal of Agriculture and Environmental Research In International Conference on EIAEASD-2018 held at SHUATS, Allahabad, Uttar Pradesh, India November 27-29, 2018.
5. **Review Article** “Overview of Extra Pulmonary Tuberculosis in Smear Negative Cases and their Analysis” **Talluri Rameshwari K R1**, Jayashree K2, Anuradha K3, Raghuraj Singh Chauhan 4 and Sumana K* International Journal of Life Sciences and Pharma Research, International Journal of Life Sciences and Pharma Research, Volume II, Issue 01, January 2021, Page No: 204-217
6. **Original Research Article** “Extra Pulmonary Tuberculosis Incidence in Mysore: A Spatial – Autocorrelation Analysis” **Talluri Rameshwari K R1**, Rakshitha Rani N2, Ravi Kumar M3 Anuradha K4, Jayashree K5, and Sumana K1; International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS); Accepted and Published Impact factor: 0.8; IJBPAS, September, 2021, Volume 10; Issue 9
7. **Original Research Article** “Screening and Isolation of Klebsiella Spp. From COPD Patients for Biochemical and Genetic Analysis Unveiling Its Pathogenic Relevance”, Safeena Khanum, **Talluri Rameshwari K R1** and Sumana K*, International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS); Accepted Impact factor: 0.82, Volume 10: Issue 11, PP 3917-3927
8. **Original Research Article** “GIS-based Analysis of the Spatial Distribution of Dengue Disease in Mysuru District and India, 2013-2018”; **Talluri Rameshwari K R1**, Ashwini M1, Sumana M N2, and Sumana K*; International Journal of Mosquito Research Volume 7, Issue 6, Page No. 13-26 Certificate No.: 7-5-10 Date: 01-11-2020. RJIF 5.29.
9. **Original Research Article** “Detection of Tuberculosis Hotspots using spatial Interpolation method in

Mysuru District” Rakshitha Rani N1, **Talluri Rameshwari K R1** and Sumana K*, Journal of Applied Biology and Biotechnology (JABB) Volume: 9, Issue: 2, PP 124-130, Nov-Dec, 2020; Impact factor: 0.5

10. **Original Research Article** “The Evaluation of Cinnamon Extract Effects On The Intestinal Escherichia Coli And Its Recompense”; Chandana, **Talluri Rameshwari K R** & Sumana K*; International Journal Of Researches In Biosciences, Agriculture And Technology; e-ISSN 2347 – 517X2021; Dated: 08.05.2021, 2, (IX); PP 36-45
11. **Short Communication** “Demographic and statistical study of covid-19: Transmission and drug susceptibility pattern in India”; **Talluri Rameshwari K R**, and Anuradha K; AIUB Journal of Science and Engineering; ISSN: 1608 – 3679 (print) 2520 – 4890 (Online), Page No: 17-24.
12. **Review Article** “Bacteria Associated with Urinary Tract Infection in Pregnant Women with Overview of Their Antibiotic Susceptibility Tests”; Bhoomika Ravi1, Talluri Rameshwari K R1, and Sumana K*, International Journal of Current Pharmaceutical Research (Int J Curr Pharm Res); Impact factor- 0.6, Vol 14, Issue 4, PP 10-15
13. **Review Article** “Preliminary Oral Probiotics Bacterial Profile in Neonatal & Pediatrics and Its Clinical Evaluation” Gamana B Shetty1, **Talluri Rameshwari K R1**, and Sumana K*, International Journal of Current Pharmaceutical Research (Int J Curr Pharm Res); Impact factor- 0.6, Vol 14, Issue 4, 5-9
14. **Review Article** “Screening and Characterization of Bacteriocin Producing Heterolactic Strains of Bacteria From Native Food Sources”; Chaithra Maheshwari N1, **Talluri Rameshwari K R1** & Sumana K*; International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS); ISSN: 2277- 4998. Volume 12: Issue (7): PP 2921-2931.
15. **Research Article** “Histopathological studies and Cellular changes of Mycobacterium tuberculosis in Extra Pulmonary Tuberculosis in tertiary care Hospital in the Mysuru City”; **Talluri Rameshwari K R1**, Anuradha K2, 2Nazia Khan, Vikas Malgotra, et. al., and Sumana K*, Afr.J.Bio.Sc. 6(5) (2024). 308-320; (Under Review), June-2023. <https://doi.org/10.33472/AFJBS>. ISSN: 2663-2187

BOOK/BOOK CHAPTERS PUBLISHED

1. **Book Chapter:** “Paper and Pulp Mill Waste Water: Characterization, Microbial- Medicated Degradation and Challenges”; Adarsh Kumar, Ajay Kumar Singh, Muhammad Bilal, Sonal Prasad, **Talluri Rameshwari K R1**, & Ram Chandra; Nanotechnology in Paper and Wood Engineering; Elsevier; NPWE-1632869, 2021;DOI: <https://doi.org/10.1016/B978-0-323-85835-9.00011-8>
2. **Book Chapter:** “Enzyme cocktail: a greener approach for biobleaching in paper and pulp industry; Adarsh Kumar1, Prerna1, Muhammad Bilal2, Ajay Kumar Singh1, Sheel Ratna1, K.R. **Talluri Rameshwari K R3**, Ishtiaq Ahmed4 and Hafiz M.N. Iqbal5; Elsevier. Nanotechnology in Paper and Wood Engineering; DOI: <https://doi.org/10.1016/B978-0-323-85835-9.00007-6>
3. **Book Chapter:** “Advances of Science & Technology in Current Era”; **Talluri Rameshwari K R**, Rakshitha Rani N & Sumana K; Ryan Publisher; Accepted & Published; October, 2021 ISBN: 978-81-952337-4-8.
4. **Book Chapter:** “An Overview of Genetic Algorithm”; **Talluri Rameshwari K R**, Rakshitha Rani N & Sumana K; Integrated Publisher; Accepted; book entitled "Advances in Academic Research and Development; Volume-07, March-2022; ISBN 978-93-93502-48-3.
5. **Book Chapter:** “Environment and Climate Change”; **Talluri Rameshwari K R**, Rakshitha Rani N & Sumana K; Integrated Publisher; Accepted; book entitled "Advances in Academic Research and Development; Volume-03, ISBN: 978-93-94570-38-2; July-2022
6. **Book as a Editor:** “**Microbiology: Recent Trends in Research Technology, Development and Future Aspects**” Volume I and Volume II (ISBN No. 978-81-19149-44-5) Dated: August 2023 **Editors:** Dr. Ajay Kumar Singh, **Dr. Talluri Rameshwari K R** and Dr. Kshitij Singh
7. **Book** “Fosfomycin and Vancomycin Antimicrobial Susceptibility Profile of Enterococci Isolates”, Pravalika S H, **Talluri Rameshwari K R2**, Rakshitha Rani N & Sumana K; Green Trust Publications, Greens Publisher, JSS AHER, Mysuru, Karnataka.
8. **Book** “Identification and Characterization Of Acinetobacter Species From COPD Patients”, Sahana N, Rakshitha Rani N, **Talluri Rameshwari K R3**, & Sumana K; Green Trust Publications, Greens Publisher, JSS AHER, Mysuru, Karnataka.
9. **Book** “Microbiological Quality Assessment Of Spices In Haveri District”, Chandana S, **Talluri**

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Arc-GIS (Intermediate)
- **Adobe Fundamentals:** Adobe After Effects, Adobe Premier, Adobe Photoshop, Adobe PageMaker, Tally, CorelDraw (Advanced) etc.,
- **Operating System:** Windows, Linux (Ubuntu), Zotero, Mendeleyev (Advanced), IBM-SPSS Statistics, Origin Software (Intermediate), Graph Pad Prism etc.,

ACADEMIC SEMINARS/CONFERENCES/ WORKSHOPS/ TRAINING PROGRAMMES

- Attended more than 35 National and International Conferences in and around the India, and presented 08 Oral Presentations: 10 Poster Presentations
- Attended More than 95 National and International Webinars/Seminars/Workshops etc.,
- Attended the 05 Training Programmes, in Protein Isolation and Extraction; TA Cloning, WesternBlotting, Bioinformatics, Geo-Informatics, Basic and Advanced Molecular biology equipment's etc.,

AWRDS AND PRIZES IN SEMINARS/CONFERENCES/ WORKSHOPS PROGRAMMES

- Best Poster Award and **First Prize** in Poster Presentation on “**A Multi-Drug Resistant Pattern of Tuberculosis & Extra Pulmonary Tuberculosis in Smear Negative Cases and its Analysis**” Two Days-National Workshop on Antimicrobial Resistance in Food Chain Sponsored by Indian Council of Medical Research, and Organized by CSIR- Central Food Technology Research Institute, Mysuru-570020, Dated: 25-26th November 2021

HONOR'S/ MEMBERSHIP'S OF THE SOCIETY

1. Active Committee Member of Research Team in “**The Society for Green Environment (SGE)**” is a multi-disciplinary membership based-national organization of individuals, institutions, and corporations, registered under the Society Registration Act XXI of 1860 of Government of India (2020), at E-Plot No. 349, Vill-Munirka, Near Sarvodaya Girls School, New Delhi-110067, India
2. Active Committee Member in “**Agro-Environmental Development Society (AEDS)**”, (Registered under the Society Registration Act XXI, 1860), (Registered Under the Niti Aayog, Gov. of India, Reg. No: UP/2020/0263654). Agro Environment development society, Majhra Ghat, Rampur -244922, Uttar Pradesh, India.
3. Active Committee Member and Life Member of “**Association of Microbiologists of India (AMI)**” established India at 1938 is one of the oldest and reputed scientific organizations of the country.
4. General Secretary and Active Committee Member of “**Microbiological Association for Science and Technology Development (MASTD)**” established in Lucknow Uttar Pradesh, India is one of the oldest and reputed scientific organizations of the country.

BIO-DATA

- **Date of Birth** : 16 January 1994
- **Father's Name** : K T Ranganna
- **Mother's Name** : Jayamma
- **Nationality** : Indian

LANGUAGES KNOWN:

- **English** : Read, Write, Speak - Fluent
- **Kannada** : Read, Write, Speak - Native Language
- **Hindi** : Read, Write, Speak - Fluent
- **Telugu** : Read, Write, Speak - Fluent
- **Tamil** : - Write, Speak - Intermediate
- **IELTS** : 6 Over all Band

Hinkal Post, Opposite to Suzuki Showroom, Hinkal Mysore- 570017, Karnataka, India

In regard to my extracurricular activities, I like playing tennis, chess, snowboarding, reading novels, comics and traveling.

REFERENCES

Dr. Anuradha K HOD and Professor Department of Microbiology Mysore Medical College and Research Institute, K R Hospital Irwin Road, Mysore -570001 Phone No: +91 9448493480 Email ID: drkanuradha@yahoo.com	Dr. Syeda Kousar Fathima HOD and Professor Department of Microbiology Maharani's Science College for Women Mysore-570005, University of Mysore Karnataka Phone No: +91 9980954724 Email ID: salmakheel@gmail.com
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DECLARATION

I hereby declare that the above particulars of facts and information stated are correct to the best of my belief and knowledge.

Date: 04.02.2025

Dr. Talluri Rameshwari K R