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| **Name:** Dr. Malathi Jojula  **Designation:** Head &Professor in Department of Microbiology,  Department: Microbiology  Institute: Sri Shivani College of Pharmacy  **Date of Birth**: 25-08-1976  Sex: Female  SC/ST: OC  **Office Address**  Dr. Malathi Jojula  Research Head and Professor,  Department of Microbiology,  Sri Shivani College of Pharmacy, Mulugu Road,  Warangal - 506002  Phone: 0870-2976777; Mobile: 09849630268  E-mail: [jojulamalathi@yahoo.co.in](mailto:jojulamalathi@yahoo.co.in)  **II) Education Details:**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **S. no.** | **Institution Place** | **Degree Awarded** | **Year** | **Field of Study** | | 1 | Kakatiya University | B. Sc | 1997 | Microbiology | | 2 | Madras University | M. Sc | 1999 | Applied Microbiology | | 3 | Indian Institute Of Ecology & Environment, New Delhi | M. Sc | 2002 | Disaster Mitigation | | 4 | Kakatiya Medical College, Kakatiya University, Warangal | Ph. D | 2006 | Medical Microbiology | | 5. | DST-SERB | PDF | 2013 | Medical Microbiology |  |  | | --- | | **III) Employment Details:** | |

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| **S. no.** | **Institution** | **Potions** | **From (Date)** | **To (date)** |
| 1 | Sri Shivani College of Pharmacy College, Warangal | Professor and head | June 2012 | Till date |
| 2 | Lepra- India(BPHRC), Hyderabad | Microbiologist | April 2010 | May 2012 |
| 3 | Sri Shivani College of Pharmacy College, Warangal | Associate Professor | June 2007 | March 2010 |
| 4 | Care College of Pharmacy, Warangal | Assistant Professor | 2006 | 2007 |

**IV) Honors/Awards:**

1. Selected for TB Workshop for UK –India December 2019
2. Newton Bhabha Workshop grant 2018
3. Newton Bhabha workshop Grant 2017
4. Young Technologist –DST- SEED- 2016
5. Early Carrier Scientist –DST-SERB -2016
6. Young Scientist- DST- SERB- 2013
7. Scholarship to attend the INDO-US workshop in PUNE 2013
8. University Fellowship – Ph.D 2003

**V) Publications:**

1. Murahari d1, develpalli s 2 , jojula m1\* Fungal contaminants are responsible for delay in diagnosis of tuberculosis, RJLBPCS 2019
2. TanniruSireesha, Syed Asha\* and Jojula Malathi ;Surreptitious TB infections with recently identified DM people: A cross-sectional study;  Infectious Disorders - Drug Targets : **Bentham Science** under publication 2018
3. [Jaya Lakshmi Uppu](http://www.phcog.com/searchresult.asp?search=&author=Jaya+Lakshmi+Uppu&journal=Y&but_search=Search&entries=10&pg=1&s=0)1, [Veerabhadra Swamy Challa](http://www.phcog.com/searchresult.asp?search=&author=Veerabhadra+Swamy+Challa&journal=Y&but_search=Search&entries=10&pg=1&s=0)2, [Devender Bhattula](http://www.phcog.com/searchresult.asp?search=&author=Devender+Bhattula&journal=Y&but_search=Search&entries=10&pg=1&s=0)3, [Ganga Modi Naidu Vegi](http://www.phcog.com/searchresult.asp?search=&author=Ganga+Modi+Naidu+Vegi&journal=Y&but_search=Search&entries=10&pg=1&s=0)2, [Malathi Jojula](http://www.phcog.com/searchresult.asp?search=&author=Malathi+Jojula&journal=Y&but_search=Search&entries=10&pg=1&s=0)4, [Asha Syed](http://www.phcog.com/searchresult.asp?search=&author=Asha+Syed&journal=Y&but_search=Search&entries=10&pg=1&s=0)5 Identification of phytoconstituents of *Memecylonsisparense* gamble leaf and evaluation against cisplatin-induced oxidative renal damage in micer : 2018  ; 14  : 57  : 384-392
4. Narender Malothu, UmasankarKulandaivelu b, Malathi Jojula ,Shravan Kumar, Raghuram R. Akkinepally ; Synthesis, Antimycobacterial Evaluation and Docking Studies of some 7-Methyl-5,6,7,8-tetrahydropyrido[4',3':4,5]thieno[2,3-d]pyrimidin-4(3H)-ones. Bulletins of the Pharmaceutical Society of Japan; CPB Vol. 66 No. 10; 2018
5. Sireesha Tanniru1, Syed Asha1 and Malathi Jojula2\*Spoligotyping for Identification of Pulmonary Tuberculosis with Type 2 Diabetes Mellitus Profiles in Warangal, T.S.”"  **"Anti-Infective Agents” Bentham Science :** Volume 16, Number 2; **2018**
6. divya murahari1, sireesha tanniru1, lavanya poonem1aleti paramesh1, kamarapusudheerkumar1, malathi jojula1\*, shravan gunda3, anti- mycobacterial screening methods for new compound identification n; ejbps, 2018
7. Sireesha Tanniru1 , Lavanya Poonem2 , Mamatha Padde2 , Father Jyothish3 , Chakrapani Chatla4 , Suryaprakash Chakramahanti5 , Malathi Jojula6; Blood Agar can be an Effective Alternate Media for Solid Culture of Mycobacterium tuberculosis in Resource-poor Settings, a Report from Warangal, India; International Journal of Scientific Study | January 2018 | Vol 5 | Issue 10
8. Mohana Rao Anguru1\*, Ashok Kumar Taduri1 , Rama Devi Bhoomireddy1 , Malathi Jojula2 and Shravan Kumar Gunda3 ; Novel drug targets for Mycobacterium tuberculosis: 2-heterostyrylbenzimidazoles as inhibitors of cell wall protein synthesis; l. Chemistry Central Journal (2017) 11:68
9. SireeshaTanniru, Syed Asha, Lavanya Poonem, Divya Murahari, Malathi Jojula, Suman T. “Nutritional effect, care and support for patients with tuberculosis among diabetes: a study from Warangal district” Pharmaceutical and Biological Evalutions(2017) 59-65.
10. Mounika Arrabelli, Raghuram Reddy Adidala, Chakrapani Chatla, SireeshaTanniru., Surayaprakash Ch. Malathi Jojula\*,“Pulmonary tuberculosis in HIV-infected patients presenting with normal chest radiograph and negative sputum smear” *Journal of Health Science 2016*
11. Narender Malothu a, Jaswanth S. Bhandaru a, UmasankarKulandaivelu b, Malathi Jojula c, Raghuram Reddy Adidala c, Umadevi K. R. d, Dusthackeer A. V. N. d, Venkat Rao Kaki e, Raghuram R. Akkinepallya,⇑Synthesis, In Vitro Antimycobacterial Evaluation and Docking Studies of Some New 5,6,7,8-etrahydropyrido[4',3':4,5]thieno[2,3-d]pyrimidin-4(3H)-one Schiff Bases Bioorganic & Medicinal Chemistry Letters 26 (2016) 836–840
12. Sireesha T, Asha S 1, Malathi J 2, Raghu ram reddy A 2, Mounika A 2, Mamatha P 2.A study on diabetic type 2 prevalence among urban population compared with rural population of Warangal and Adjoining Districts of Telangana. World J Pharm sci 2015;3(7) :1375 – 1380.
13. Shailesh d¹, malathi j2, buchareddy p3; A study report from pharmaceutical industries which cross plays a vital role in research & development. International journal of phytopharmacy research, Vol 5 | Issue 1 | 2014 | 4-8.
14. Shailesh Kumar Develpalli\*¹, Malathi Jojula2, Bucha Reddy Ponakunti3:Reasons for outsourcing in pharmaceutical industry International Journal of Pharmacy Practice & Drug Research; IJPPDR / 4(1), 2014, 15-19.
15. Shailesh Kumar Develpalli¹, Malathi Jojula2, Bucha Reddy Ponakunti3; Demerits of pharmaceutical outsourcing. International Journal of Biological & Pharmaceutical Research 2014; 4(12): 1171-1176.
16. M. Jojula1\*, M. V. Ramanama2 and S.R. Reddy3. Prevalence of Multidrug-resistant Tuberculosis among Newly Diagnosed Cases of Sputum-positive Pulmonary Tuberculosis from MGM Hospital Warangal; BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA, June 2013. Vol. 10(1), 475-478.
17. Jyotsna Vihnudas \*1, Malathi Jojula \*2, M.A. Singaracharya\*3. A Culture of fungi for Phytase Production by solid from different sources: Current World Environment; Vol. **7**(1), 187-190 (2012).
18. Vijayalaxmi palakala¹\* Malathi Jojula², V. KondalRao,Identification and characterization of salmonella typhi infection from Warangal and adjoining Districts based on conventional and rapid methods: Biomedical & Pharmacology Journal; 05, 01,(2012).
19. M. Jojula, R. K. Venisetty, M. V. Ramanama, S. R. Reddy, Isolation and characterization of mycobacterial species in clinically diagnosed cases of pulmonary tuberculosis and few associated with HIV infections, Journal of Pure and Applied Microbiology, 06, 02 (2012).
20. Vijayalaxmi palakala¹\* Malathi Jojula², V. KondalRao,Identification and characterization of salmonella typhi infection from Warangal and adjoining Districts based on conventional and rapid methods: Biomedical & Pharmacology Journal; 05, 01,(2012).
21. Malathi. Jojula, Kondal Rao V, Jyotsna Vishnudas, Diagnosing sputum/smear-negative pulmonary tuberculosis in PLHIV based on culture, a study from MGM District Hospital. Biomedical & Pharmacology Journal; 04, 02, (2011).
22. Malathi J, Somashekhar P, Bactericidal activity of fungal compounds. Journal of Pure and Applied Microbiology: 4, 827-830 (2010).
23. Malathi, Somashekhar, Separation of cancer proteins using polyacrylamide gel electrophoresis, Bio medical and Pharmacology Journal, 3, 22-28 (2010).

**VI) Project(s) submitted/being pursued/carried out by Investigator:**

Ongoing projects:

1. Project titled “Developing a newer diagnostic tool for early diagnosis of TB, utilizing the spectrophotometer principles” project is sanctioned by DST SYST programmeof the SEED division for funding for 2018-2020. Dr. Malathi Jojula project cost: 25,00000/-
2. Project titled “Molecular Cloning, Expression and Functional Characterization of IL-4 Splice Variants in the Guinea Pig Model of Pulmonary Tuberculosis” project is sanctioned by DST ECR young scientist for 2016-2019. Dr. Vijaya RamuDirisala and Dr. Malathi Jojula project cost: 30,00,000/-
3. Project titled: Impact of altered host immunity on the pathogenesis of TB-Diabetes co-morbidities: molecular mechanisms and therapeutic potential. Collaborator for DST-SERB funded Ramanujan Fellowship-2018; Dr. BappadityaDey and Dr. Malathi Jojula.
4. Project Title: To develop a rapid and early detection methods for identification of drug resistance from direct sputum samples by using colorimetric method. RNTCP- Telangana State TB division ,2019
5. Project Title: Study and compare the fungal contaminants responsible for delay in diagnosis of *Mycobacterium tuberculosis* a study from Warangal RNTCP- Telangana State TB division ,2019

Completed Projects:

1. Project titled “Profile of TB and HIV co-infection with special reference to immune suppression status and multi drug resistance, a community based study” project is sanctioned by DST fast track young scientist for 2016. Dr. Malathi Jojula project cost: 28,86000/-
2. Project Titled: Degradation of plastic waste using a special molecule; funded by pharmaceutical company: Dr. Malathi Jojula project cost: 15,00,000/- SBS ptl -2018

Submitted Projects:

* 1. Project Title: Developing a newer diagnostic tool for early diagnosis of TB, utilizing urine as a alternative sample source 2019

**Research work engaged:**

PhD registered: 3

1. Diabetes and tuberculosis: the impact of the diabetes epidemic on tuberculosis incidence in urban population
2. Molecular characterization of mycobacterium tuberculosis clinical isolates from Warangal district
3. Utility of Urine LAM (*Lipo Arabino Mannanose*) in diagnosing tuberculosis among presumptive cases with or without HIV co-infection towards ease of diagnosis of Tuberculosis in high disease burden settings: a cohort from Warangal, Telangana, India

**Conferences and Trainings:**

.1. Conducted an National Workshop on tuberculosis diagnosis on 7th-9th Jan, 2019 a Hands on technical training funded by DST- SYST- SEED and State TB Telangana in Department of Microbiology

Dr. Malathi Jojula