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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

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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:

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, developepalli 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 Uppu¹, Veerabhadra Swamy Challa², Devender Bhattula³, Ganga Modi Naidu Vegi², Malathi Jojula⁴, Asha Syed⁵ Identification of phytoconstituents of *Memecylonsisparenses* 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. Akkinapally ; 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 Jojula^{2*} *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 Poonem¹, Aleti Paramesh¹, Kamarapusudheerkumar¹, Malathi Jojula^{1*}, 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 Anguru^{1*}, 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; *I. 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 Evaluations*(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, Dusthacker A. V. N. d, Venkat Rao Kaki e, Raghuram R. Akkinapallya,†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. Jojula^{1*}, 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 palakala^{1*} 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 palakala^{1*} 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 programme of the SEED division for funding for 2018-2020. Dr. Malathi Jojula project cost: 25,00,000/-
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 Ramu Dirisala and Dr. Malathi Jojula project cost: 30,00,000/-
3. Project titled: Impact of altered host immunity on the pathogenesis of TB-Diabetes comorbidities: molecular mechanisms and therapeutic potential. Collaborator for DST-SERB funded Ramanujan Fellowship-2018; Dr. Bappaditya Dey 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: 28,86,000/-
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