

## **THE TUBERCULOSIS ASSOCIATION OF INDIA**

### **“SHORT TERM RESEARCH PROJECTS”: FINANCIAL ASSISTANCE SCHEME - 2019-2020**

The following projects have been approved for funding during this year. The amount approved and other details are being communicated in letters to the individual Researchers.

1. "Usefulness and effectiveness of community pharmacists-led mobile phone communication in the identification and referral of presumptive tuberculosis cases in a selected district of Tamil Nadu "

**Dr. M.G. Rajanandh, Sri Ramachandra Institute of Higher Education and Research, Chennai**

2. Clinical & Pulmonary Function Evaluation In Post-Pulmonary Tuberculosis Patients

**Dr. Sonisha Gupta, Santosh Medical College & Hospital, Ghaziabad**

3. Physician perspectives on expansion of LTBI management in India

**Dr. Saurav Basu, Maulana Azad Medical College, New Delhi**

4. "Nutritional status assessment using Nutrition-TB application, counseling and its correlation with serum parameters in pulmonary and extra pulmonary tuberculosis patients of Rajasthan"

**Dr. Jyotsna Jaju, AIIMS, Jodhpur, Rajasthan**

5. "Hemodynamic and spirometric changes in the high nicotine dependent smokeless tobacco users."

**Dr. M.I.Glad Mohesh, Shri Sathya Sai Medical College & Research Institute, Ammapettai, Sembakkarm Post -603 108**

6. Evaluation of l-arginine levels in correlation with iNOS expression and NO levels in pulmonary tuberculosis and their household contacts in comparison with healthy controls

**Dr. Archana Singh, All India Institute of medical Sciences, New Delhi**

7. "Revisions in RNTCP guidelines - Boon or Bane? A qualitative study exploring facilitators and barriers among health care workers in public and private sector in Kerala."

**Dr. Geethu Mathew, Believers Church Medical College, Thiruvalla, Kerala - 689103**

8. Prognostic assessment of patients with acute exacerbation of chronic obstructive pulmonary disease(AECOPD) using CAUDA70 score- a hospital based prospective observational study.

**Dr.G.Vishnukanth, JIPMER, Puducherry**

9. Evaluation of the GeneXpert MTB/RIF Assay and Rifampicin resistance identification in pulmonary specimens with Smear Negative Microscopy and high clinical suspicion of Tuberculosis in patients of Ghaziabad district.

**Dr. Seema Goel, Santosh Medical College & Hospital, Ghaziabad**

10. Depression, Quality of Sleep and Respiratory Functions among Tuberculosis Patients in Comparison with Non-Tuberculosis Family contacts visiting the Dots Clinic in a Tertiary Care Hospital, Vijayawada, India

**Dr. Afreen Begum H itagi, AIIMS, Mangalagiri, AP – 520 008**

11. An observational analysis of Exposure status of Petrol Station attendants to Air Pollution involving Particulate matter and Exhaled Carbonmonoxide in Urban Chennai

**Dr.Chitra M., Shri Sathya Sai Medical College & Research Institute,  
Tamil Nadu**

12. Analysis of Lung Function and Respiratory Symptoms in Brass/Metal Industrial Workers of Moradabad, UP

**Dr. Rohin Garg, TMMC & RC, Moradabad, UP, India.**

13. Pharmacovigilance Monitoring and Treatment Adherence in patients on Antitubercular Drugs

**Dr. Prithpal Singh Matreja, TMMC & RC, Moradabad,  
UP, India.**

14. A Comparative Study to Assess the Impact of Newer Initiative on Treatment Compliance and Outcome in Tuberculosis Patients of Rural Delhi and Rural Ghaziabad

**Dr. Deepika Aggarwal, Santosh Medical College & Hospital, Ghaziabad**

15. “A cross sectional study to determine prevalence of Beijing / W genotype of Mycobacterium tuberculosis and its role in drug resistance”.

**Dr. Vijayshri Deotale, MGIMS, Sevagram**

16. A study to assess the drug adherence among Tubercular patients using STARS: Short Tubercular-drug Adherence Rating Scale.

**Dr.Shree Lakshmi Devi.M.D, Shri Sathya Sai Medical College & Research Institute, Tamil Nadu**

17. “To Compare Spot–Spot with Early Morning Spot Sputum ZN Staining in Presumptive Patients of Pulmonary Tuberculosis”

**Dr. Mazher Maqsood, TMMC & RC, Moradabad, UP, India.**

18. “Implementation of computer aided methods of diagnosis in detection of Tuberculosis

**Dr.Manish Kumar Thimmaraju, Balaji Institute of Pharmaceutical Sciences, Warangal, Telanagna**

19. Social Contacts and Mixing Patterns of Patients with Pulmonary Tuberculosis in Southern India– A Mixed methods study

**Dr Jayalakshmy R. , JIPMER, Pondicherry, India 605006**

20. Identification, Molecular Characterization and Drug Susceptibility Testing of Non-Tuberculosis Mycobacteria in Tuberculosis Suspected Patients.

**Dr. Dakshina Bisht, Santosh Medical College & Hospital, Ghaziabad**

21. TRUENATTM MTB PLUS: HOW TRULY CAN IT DETECT EPTB? A PILOT STUDY

**Dr Pooja Kumari, St. John Medical College & Hospital, Koramangala, Bangalore**

22. Diagnostic yield of histopathology, microbiology and Gene expert of trucut biopsy tissue in clinically suspected tubercular lymphadenitis patient.

**Dr SURAJ VERMA, CHL HOSPITAL, INDORE , M.P.**

23. A study on Advocacy, Communication and Social Mobilization (ACSM) in respect to Private Sector Engagement in TB care in Tamilnadu.

**N.B. Manikandaan, William J Clinton Foundation, Chennai**

24. Effectiveness of Electronic Information Technology (Mobile Application) to improve the Treatment Adherence in Patient of Bronchial Asthma - A Randomized Controlled Trial

**Dr. Arti D. Shah, Sumandeep Vidyapeeth University, Vadodra, Gujrat**

25. Assessment of risk factors and adverse drug reactions among the drug resistant and drug sensitive tuberculosis patients – A cross sectional study.

**Dr. Prathima. C, JSS Medical College, Mysuru**

26. Pharmacovigilance of antitubercular therapy in tuberculosis: A cross sectional study in JIPMER, Puducherry

**Dr Mirunalini R, JIPMER, Puducherry**

27. Effectiveness and Feasibility of mobile based sensitization of private practitioners regarding Tuberculosis Notification: An Interventional study

**Dr. Gulrukh Hashmi, Vinayaka Missions Medical College,  
Karaikal**

28. Artificial Intelligence based elucidation of mechanisms of Rifampicin Resitance

**Dr. Sailendra Kumar Mahanta, Nirmala College of Pharmacy,  
Mangalagiri, AP**

29. Computational analysis of 16S rDNA of Mycobacterium tuberculosis - A step towards prediction of algorithm for identification of MDR/XDR strains

**Dr. Dibyajyoti Banerjee, PGIMER, Chandigarh**

30. A Study on Oxidant/Antioxidant status in Patients with Pulmonary Tuberculosis in a Tertiary Health Care Hospiratal

**Dr. Jyoti Batra, Santosh Medical College & Hospital, Ghaziabad**

31. Synthesis of Triazolobenzothiazole as DprE1 inhibitors and their anti TB evaluation

**Dr. Shashikant Vaidya, Haffkine Institute, Parel, Mumbai**