

Ongoing Research Projects 2015-16

S. No.	Title	Principal Investigator/Co- Investigator
1.	Novel sample processing for the simple and rapid diagnosis of TB, MDR-TB and XDR TB.	Dr. R. Sarin Dr. Myneedu Dr. Ajoy Verma Dr. Jaya Tyagi
2.	Pyrazinamide resistance in Mycobacterium tuberculosis isolates from MDR suspects and identification of mutations by sequencing	Dr. V. P. Myneedu Dr. Manpreet Bhalla Dr. Ajoy Verma Dr. Jyoti Arora
3.	Validation of LPA for detecting resistance to fluoroquinolones, aminoglycosides (Kanamycin, Amikacin) and cyclic peptides (Capreomycin) in Programme setting in India using MTBDRsl test (Hain Life Science)	Dr. V. P. Myneedu Dr. Manpreet Bhalla Dr. Ajoy Verma Dr. Ritu Singhal Dr. Gavish
4.	Sleep Oxygen Desaturation in late sequelae of Pulmonary Tuberculosis	Dr. M. M. Puri Dr. Rajnish
5.	Multicentric cohort study of recurrence of TB among newly diagnosed sputum positive Pulmonary TB patients treated under RNTCP	Dr. R. Sarin Dr. V. P. Myneedu Dr. R. Singla Dr. Neeta Singla Dr. Manpreet Dr. U. K. Khalid Dr. K. K Mathuria
6.	An Open-Label, Non-Randomized, Two-Stage, Dose-Finding Study Of Verapamil [IR] Tablet Formulation In Adult Tuberculosis Patients In Continuation Phase Of Anti-Tuberculosis Treatment	Dr. R. Sarin Dr. Anil Jain Dr. R. Singla Dr. Upasna Dr. Padma
7.	Staphylococcus aureus vancomycin and linezolid susceptibilities at National Institute of TB and Respiratory Diseases	Dr. Rajnish Gupta Dr. Geehan Suleyman (HFH) Dr. Myneedu Dr. Ajoy Verma Dr. M. Zervos Dr. Markowitz
8.	Impact of climate change/variability on respiratory health, morbidity and mortality	Dr. J. K. Saini Dr. R. Sarin Dr. P. Sethi Dr. P. P. Sharma
9.	Standardization of cytogenetic profiling in Non-Small Cell Lung Cancer patients for therapeutic management	Dr. R. Sarin Dr. Manpreet Bhalla Dr. Paras Dr. Anand Jaiswal

		Dr. J.K. Saini Dr. Phani Gumma
10.	Validation of indigenously developed technologies for a. diagnosis of pulmonary tuberculosis b .drug resistant tuberculosis	Dr. R. Sarin Dr. V. P. Myneedu Dr. Manpreet Bhalla Dr. Ajoy Verma Dr. Ritu Singhal
11.	Evaluation of MTBDRplus version 2.0 line for the detection of mycobacterial tuberculosis and drug resistance in extra-pulmonary tuberculosis specimens	Dr. Ritu Singhal Dr. Manpreet Bhalla Dr. A. Jaiswa Dr.Ajoy Vermal Dr. Myneedu
12.	Genotypic characterization and phenotypic correlation of the rifampicin resistant isolates with unknown mutations obtained in Genotype MTBDR plus assay.	Dr. Ritu Singhal Dr. Jyoti Arora Dr. Manpreet Dr. VP Myneedu
13.	Impact of climate change/variability on respiratory health, morbidity and mortality	Dr. J. K. Saini Dr. R. Sarin Dr. P. Sethi Dr. P. P. Sharma
14.	Standardization of cytogenetic profiling in Non-Small Cell Lung Cancer patients for therapeutic management	Dr. R. Sarin Dr. Manpreet Bhalla Dr. Paras Dr. Anand Jaiswal Dr. J.K. Saini Dr. Phani Gumma