

1.13 Adhoc Extramural Research Projects

During 2005-06, following extramural research projects were in progress at the Institute :

1. Comparative & Functional genomics approaches for the identification and characterization of genes responsible for multi-drug resistance in *Mycobacterium tuberculosis*

A DBT funded project with Dr. V.M. Katoch (Director) as Principal Investigator from the Institute (Completed)

2. AIDS : Awareness, intervention and service delivery for commercial sex workers of Beria tribe (scheduled ex-criminal tribe) of Agra Commissionary

A NACO funded study with Dr. S.Qamra (Asstt. Director) as Principal Investigator from the Institute (Completed).

3. Leprosy genomics : The genomic diversity of leprosy bacillus and expression of its genes in human host

An ICMR (Genomics initiative) funded study with Dr. V.M. Katoch (Director) as Principal Investigator from the Institute (Continued).

4. Intracellular expression in mycobacteria- a proteomic analysis

A DST funded study with Dr. Deepa Bisht (Research Officer) as Principal Investigator (Continued).

5. Field programme for epidemiological studies in leprosy at Ghatampur

An ICMR Task Force project with Dr. Kiran Katoch (Dy. Director, SG) as Principal Investigator from the Institute (Phase-I completed, Phase-II continued).

6. Uniform MDT regimen for all leprosy cases

An WHO funded project with Dr. Kiran Katoch (Dy. Director, SG) as Principal Investigator from the Institute (Continued).

7. A survey on the prevalence of anti-TB drug resistance in Agra and Kanpur (Ghatampur) districts

A project funded by Central TB Division of Ministry of Health and Family Welfare, Government of India with Dr. V.M. Katoch (Director) as Principal Investigator (Continued).



8. High resolution genotyping of *Mycobacterium tuberculosis* IS6110 low copy number strains : Combining novel and portable approaches for global detection of tuberculosis epidemics

An Indo-French (ICMR/INSERM) study with Dr. V.M. Katoch (Director) as Principal Investigator for the Institute group (completed).

9. Strengthening of Aerosol BSL-III facility for Animal Experiments

A DBT funded project with Dr. U.D.Gupta (Dy. Director) as Principal Investigator (continued)

10. Determining the efficacy and safety of immunomodulator (*Mycobacterium w*) as an adjunct therapy in pulmonary tuberculosis

A DBT funded study with Dr. Kiran Katoch, (Dy. Director, SG) as Principal Investigator from Institute for JALMA Group (continued).

11. Study of viability of *Mycobacterium leprae* in clinical samples and possibility of its presence in the environment using nucleic acid amplification techniques.

An ICMR funded study with Dr V.M. Katoch as Principal Investigator from JALMA, Agra. (continued).

12. Molecular epidemiology of tuberculosis in the North East

An ICMR Funded study (NE initiative) with Dr. VM Katoch (Director) as Principal Investigator from JALMA (continued).

13. Screening for drug resistant *M.leprae* using mouse foot pad in relapse cases of MB leprosy - a multicentric study

An ICMR funded study with Dr U.D. Gupta as Principal Investigator from JALMA, Agra. (continued).

14. Study of immune response and protective efficacies of live Mw/BCG in animal models of tuberculosis.

An DBT funded study with Dr. U.D. Gupta, Dr. M. Natrajan and Dr. V.M. Katoch as Co-PI for JALMA (continued).

