LIST OF ABBREVIATIONS

AcpM – Acyl carrier protein
ADA – Adenosine deaminase enzyme activity
AIDS – Acquired Immunodeficiency Syndrome
ARTI – Annual risk of tuberculosis infection
ATT - Anti tuberculosis treatment
BSL - Bio safety level
CFU – Colony forming units
DMF – Dimethyl formamide
DNA - Deoxyribonucleic acid
DOTS – Directly observed treatment, short course chemotherapy
DRS – Drug resistance survey
DST - Drug Susceptibility Testing
EMB - Ethambutol
ETH - Ethionamide
FIN - Foundation for Innovative New Diagnostics
GDF – Global Drug Facility
GI - Growth Index
Global Fund – The Global Fund to Fight AIDS, Tuberculosis and Malaria
HBC – High burden country
HIV - Human immunodeficiency virus
IJTLD - International Journal of Tuberculosis and Lung Disease
INH - Isoniazid
IRL – Intermediate reference laboratory
IUATLD - International Union Against Tuberculosis and Lung Disease
KA - Kanamycin
KNO - Potassium nitrate
LiPA - Line probe assay
LJ - Lowenstein-Jensen
MDR – Multi drug resistant
MGIT - Mycobacterium Growth Indicator Tube
MIC - Minimum inhibitory concentration
MODS - Microscopic observation drug susceptibility
MOTT – Mycobacteria other than typical tubercle bacilli
MTB - *Mycobacterium tuberculosis*
MTT - 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NADH - Reduced nicotinamide adenine dinucleotide
NRA - Nitrate reductase assay
NTP - National TB control programme
NTRL - National Tuberculosis Reference Laboratory
OADC - Oleic Acid-Albumin-Dextrose-Catalase
OPC – 67683 -dihydroimidazo-oxazole
PA-824 - nitroimidazo-oxazines
PANTA - Polymyxin B, Amphotericin B, Nalidixic acid, Trimethoprim and Azlocillin
PAS - *p*-aminosalicylic acid
PCR - Polymerase chain reaction
PM – Proportion method
PNB - Para-Nitrobenzoic Acid
REMA - resazurin micro-titer assay
RFLP - Restriction fragment length polymorphism
RIF - Rifampicin
RLSs - Resource-Limited Settings
RNA - Ribonucleic Acid
RNTCP – Revised National TB Control Programme (India)
SM - streptomycin
SRL – Supranational reference laboratory
TB - Tuberculosis
TMC – 207 - Diarylquinoline
WHO - World Health Organization
XDR-TB - Extensively drug resistant tuberculosis
ZN - Ofloxacin