

REVIEW ARTICLE

MOLECULAR MECHANISMS OF DRUG RESISTANCE IN *Mycobacterium tuberculosis*

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The burden of tuberculosis worldwide

The mycobacterial envelope

Metabolic condition of *M. tuberculosis*

Antimicrobial resistance

Isoniazid

Streptomycin

Ethambutol

Rifampicin

Pyrazinamide

Quinolones

Mechanism of multidrug resistance

Genotypic methods for detection of drug resistance