TUBERCULOSIS (TB)

Infection M. tuberculosis

Transmission by aerosol (cough, sneeze)

Mycobacterium tuberculosis

90%

10%

Lung

Heart

Granuloma

Infection eliminated by the immune system

Screening
- *TST*
- *Quantiferon*
- *TSPOT*

Latent TB

Asymptomatic, non-transmissible infection

5-10%

Active TB

80%

20%

Pulmonary TB
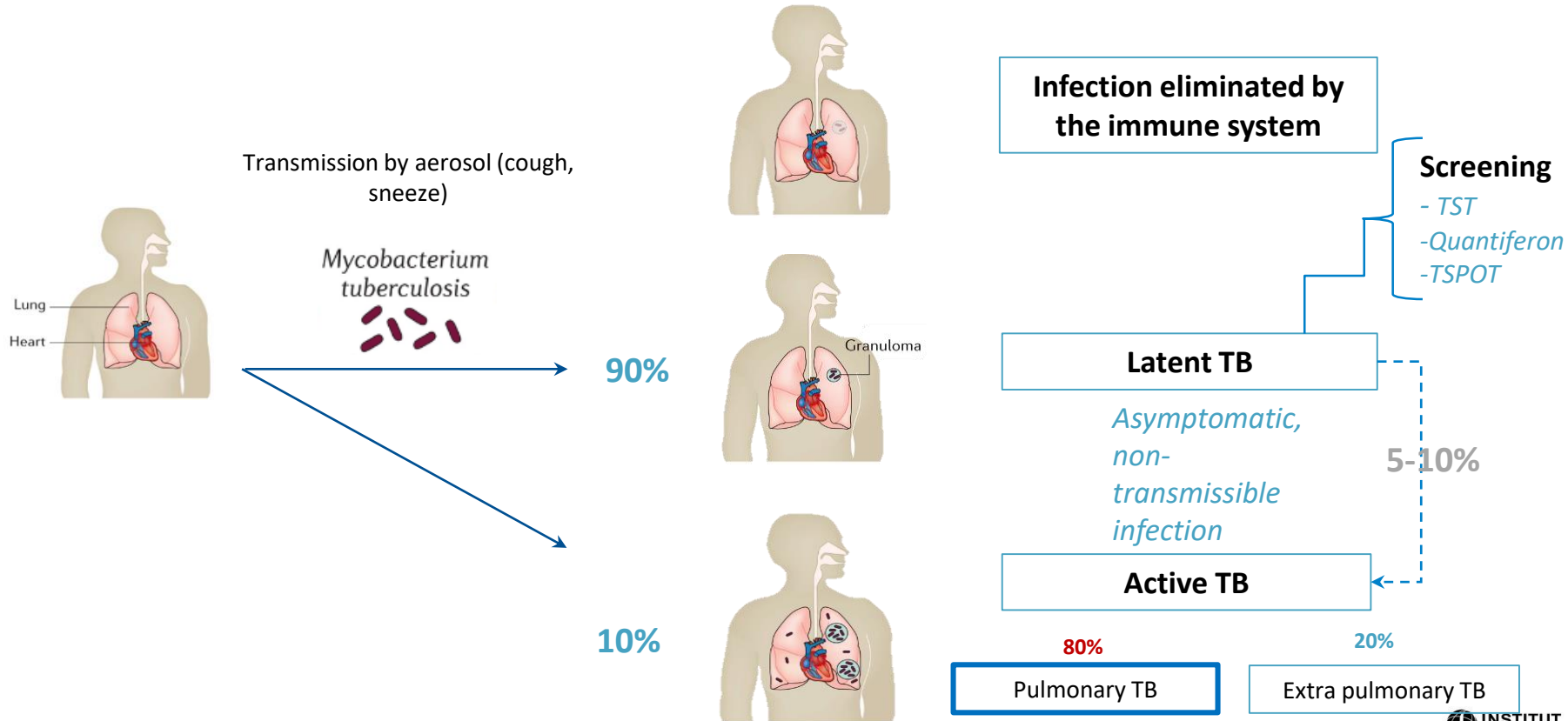
Extra pulmonary TB

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APRECIT : Improving the Management of Latent Tuberculosis Infection

Hypothesis

Treatment of TB latent dicrease the prevalence of active TB disease

Problem : there is no gold standard test to detect latent TB

APRECIT project :

Evaluate the diagnostic value of these 3 tests, find the best combination to detect latent TB in terms of Sensibilty and Specificity.

Identify active
TB cases

Identify household
contact

Follow up over a
period of 18
months

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