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An Intelligent Mobile-Enabled Expert System for Tuberculosis Disease Diagnosis in Real Time

Antesar M. Shabut , Marzia Hoque Tania , Khin T. Lwin , Benjamin A. Evans , Nor Azah Yusof , Kamal J. Abu-Hassan , M.A. Hossain

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Highlights:

- Investigation into the development of a multi-disciplinary diagnosis framework for Tuberculosis
- Tuberculosis-specific antibody detection in real time using mobile phone
- Exploration of image processing technique to analyse contents of plasmonic ELISA without experts
- Enhancement of detection accuracy using mobile enabled expert system up to 98.4%

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