



**Name:** Sonali D. Manke  
**Qualification:** M.Sc. (Biotech)  
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#### Academia

- M.Sc. in Biotechnology from Sindhu College Nagpur University in 2011. B.Sc. in Biotechnology from Sindhu Mahavidyalaya, Nagpur in 2009.
- HSSC from Maharashtra Board in 2006. SSC from Maharashtra Board 2004.

#### Professional Appointments

- Worked as a skilled at Central institute of cotton research for two months.
- Worked as Technical Assistant in Biochemistry Research laboratory, Central India Institute of Medical Sciences, (CIIMS) Nagpur, since 1<sup>st</sup> Oct 2012
- Currently working as a project coordinator in Central India Institute of Medical Sciences (CIIMS) Research Lab, Nagpur.

#### Current Research Areas

- Working in advance molecular diagnostic test for M. tuberculosis by TB PCR & Duplex PCR.
- Evaluating Diagnostic Kits for active TB infection
- Working on Indo-UK project on Clostridium difficile prevalence study.

#### Research Paper Publications

- Manke SD, Husain AA, Dagainawala HF, Singh LR, Kashyap RS. Comparative diagnostic utility of IS6110 PCR assay in CSF and peripheral blood samples of Tuberculosis Meningitis patients: a pilot study from Central India. 2016. Clin Diagn Res.
- Bhagchandani SP, Kubade S, Nikhare PP, Manke S, Chandak NH, Kabra D, Baheti NN, Agrawal VS, Sarda P, Mahajan P, Ganjre A, Purohit HJ, Singh L, Taori GM, Dagainawala HF, Kashyap RS. **Nested PCR Assay for Eight Pathogens: A Rapid Tool for Diagnosis of Bacterial Meningitis.** Mol Diagn Ther. 2016 Feb;20(1):45-54. doi: 10.1007/s40291-015-0174-z. PubMed PMID: 26645831.

#### Abstract Presentation

- Presented a poster on “Evaluation and comparison of IS6110 and duplex PCR assay for rapid diagnosis and simultaneous identification of tuberculous and bacterial meningitis” in the National Symposium on ‘Innovation in TB Diagnostics, Drug Target and Biomarkers C.M.E. on Molecular and Immunodiagnosics for PTB and EPTB’ organized by JB Tropical Disease Research Centre & Dept. of Biochemistry, Mahatma Gandhi Institute of Medical Sciences Sevagram (Wardha).
- Presented a poster on “**When CSF smear and culture diagnostics fail: Duplex PCR, a novel tool for rapid diagnosis of tuberculous and pyogenic meningitis**” in the 29<sup>th</sup> meeting of Society for Neurochemistry, India (SNCI), National Workshop and Conference on “Advances in Computational Neurochemistry and Neurobiology” Organized by Department of Biomedical Engineering and Computer Centre North-Eastern Hill University Shillong 2015

#### Membership

- Life time member of Society of neurochemistry, India (SNCI)