



## Call for MSc student



**Project Title: - Evaluation of antigen specific antibody during TB exposure and disease.**

Armauer Hansen Research Institute (AHRI) is a basic/translational biomedical and clinical epidemiology researches, and clinical trial facility under the federal ministry of health of Ethiopia. In addition, AHRI is known as a hub for skill and technology transfer by providing competitive post graduate research training opportunities. Accordingly, AHRI would like to recruit a competent MSc student for the following project:

**Project Summary:** Immunity against Tuberculosis continues to warrant further investigation in order to understand protection against infection and disease development. For a long time, the role of antibodies and humeral immunity in Tuberculosis infection and disease development has not been given as much attention as T cell mediated immunity. However, there is evidence to suggest that antibodies against Tuberculosis may play significant role in disease severity, progression to disease and possibly also prevention of infection. The aim of this study is to explore the role of antigen specific antibodies in TB disease, infection, and 'resistance' to infection; the latter defined as IGRA negativity despite high exposure to TB. The results will be associated with clinical presentations and mycobacterial growth inhibition ability of cells.

**Project site: Addis Ababa.**

**Duration:** Studentships will typically be for two years. The research project starts immediately upon acceptance.

**Student Requirements:** A competent candidate for the studentship should fulfill the following criteria:

1. Should have BSc level training in biomedical sciences
2. Should have adequate research experience involving microbiology and an exposure to molecular Laboratory.
3. Should be MSc student registered at public universities in Ethiopia and completed the required first year course work in their MSc program.
4. MSc student in Immunology, Microbiology, or applied Sciences
5. Should be ready to dedicate 100% of her/his time for the project.
6. Deliver activity plans and reports as per the schedule

**Value of Studentship:** This position/studentship covers full research costs for the whole duration of the MSc project.

**How to Apply:** Applicants should submit the following to AHRI, Research Training Directorate, ([research.training@ahri.gov.et](mailto:research.training@ahri.gov.et))

- A cover letter and their CV, including full contact details of two referees
- Copies of their BSc degrees and transcripts
- Copy of transcript reflecting first year MSc courses

**Note:** - Female candidates are strongly encouraged to apply.

**Application closing date:** Ten working days after the date of advertisement.

  
Alemseged Abdisa Lencho (PhD)  
Deputy Director General  
Armauer Hansen Research Institute

