

**RTM International**  
**Laboratory Research Officer**

Application Deadline: **22 May 2025**

★ Shortlist < Share: f in

< All Requirements Responsibilities Skills & Expertise Salary & Benefit >

**Summary**

Vacancy: 1 Location: **Dhaka** Published: **13 May 2025**

Applicants are encouraged to submit **Video CV**.

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**Requirements**

**Education**

- Bachelor/Honors, Masters
- Bachelors or Master in Biological Science or related field (e.g. Biotechnology, Molecular Biology, or Genetic Engineering, Microbiology)

**Additional Requirements**

- Job Location: Dhaka based; field visit in rural sites (if needed)
- Previous experience working or interning in a microbiology or Molecular Biology laboratory
- Previous experience conducting molecular assays (microscopy or culturing, PCR)

**Responsibilities & Context**

RTM International is going to appoint a number of skilled professionals for the study titled "A Ring Water, Sanitation, and Hygiene Intervention to Reduce Cholera in Hotspots in Bangladesh (Urban Model)". The required qualification and experiences for the position is given below:

**Job Responsibilities:**

- Reviewing the translations of all laboratory protocols and materials for accuracy, and rephrasing and translating new materials when needed
- Attending a 14-day training on all laboratory protocols for analyzing and storing stool, blood, and water samples
- Conducting laboratory analyses of bio-specimen and environmental samples according to protocol
- Ensuring fecal samples are enriched in APW within 1 hour of sample collection.
- Working closely with the Project Coordinator and evaluation research officers to coordinate delivery of all fecal and environmental samples to the laboratory for analysis within 4 hours of sample collection for household visits and within 1 hour of sample collection for health facility visits. Those samples outside of this window should be discarded. This event should be recorded and report to the Project Coordinator and Dr. Christine Marie George.
- Conducting rapid dipstick testing requested on fecal samples
- Preserving fecal and blood samples on Whatman papers and nutrient agar when indicated
- Conducting bacteriological culturing on water and fecal samples
- Conducting initial processing of blood samples, DNA extraction and PCR of water and fecal samples
- Ensuring laboratory space is sterile and there is not any contamination at ALL times
- Working closely with Dr. David Sack and Dr. Christine Marie George to refine laboratory protocols Checking all laboratory forms for completeness daily and following up with laboratory research officers on forms with incomplete or erroneous data.
- Maintaining a detailed inventory on laboratory supplies and send an inventory report on a weekly basis to the Project Coordinator and Study Principal Investigator
- Purchase laboratory supplies as needed when directed by the Project Coordinator or Principal Investigator
- Must be willing to travel and work with Customs/Immigration for purchasing certain supplies
- Developing laboratory safety protocols and waste removal protocols with the Dr. David Sack and Dr. Christine Marie George to ensure safety and waste removal is up to code with the laboratory building regulations
- Tracking all bio specimen and environmental samples collected during the study period using a bar coding system
- Entering all water, blood, and fecal samples collected into the laboratory receiving/tracking database
- Conducting monthly refresher trainings of laboratory methodologies with laboratory research officers
- Supervising all laboratory activities of the laboratory research officers.
- Developing monthly calendars for laboratory research officers using morning and evening shifts
- Monitoring and maintaining liquid nitrogen levels and report to the Project Coordinator when more is needed
- Putting in service request for repairing for any malfunctioning laboratory equipment or for routine equipment maintenance
- Ensuring there is always an adequate supply of DI water available for laboratory activities, maintaining an autoclave log
- Submitting weekly reports to Principal Investigator Christine Marie George and Dr. David Sack and Project Coordinator
- Assist in creating posters, manuscripts, and reports on laboratory aspects of the study
- Assist in any other aspects of studies as directed by Project Coordinator and Principal Investigator
- Assist in any future shipment of samples leaving Bangladesh. This may include but not limited to:
  - Organizing the samples clearly so the receiving team can find each sample easily
  - Conducting any analyses that may be required before shipment processing
  - Translating and transcribing of in-depth interviews and focus group discussions when needed. Everyone on the team needs to contribute to this task.
  - This position will sometimes include work early in the morning and late in the evenings and on Fridays and Saturdays, based on urgent project needs and deadlines that arise.
- Overnight travel to remote field sites

**Skills & Expertise**

Microbiology

**Compensation & Other Benefits**

- As an organization policy

**Workplace**

Work at office

**Employment Status**

Contractual

**Job Location**

Dhaka

**Read Before Apply**

The incumbent will maintain and abide by the RTM International Code of Conduct in discharging any duties in the refugee camps (while interacting/treating/counseling the refugee population) and commit to abide by the PSEA core principles and other issues.

Attention:

RTM International has a Policy regarding Protection against Sexual Exploitation and Abuse (PSEA), a Gender Policy, and a Child Protection Policy. The organization has a Policy of Zero Tolerance regarding this issue. Candidates having knowledge of PSEA will be preferred. Female candidates are encouraged to apply.

**### Application Instruction ###**

Interested candidates are requested to apply to the Director (Administration), RTM International, 581, Shewrapara, Mirpur, Dhaka. Electronic copy of the application, detailed curriculum vitae along with recent passport size photograph, contact number, e-mail address, copy of NID, academic all certificates are to be sent to E-mail: [job12@rtm-international.org](mailto:job12@rtm-international.org) on or before 22 May 2025.

Submit your CV as per RTM International's CV format file ( <https://rtm-international.org/478/> )

Only short-listed candidates will be called for interview.

No TA/DA will be provided for attending the interview.

Director (Administration)

**Apply Procedure**

**Email your CV**

Send your CV to the given email [job12@rtm-international.org](mailto:job12@rtm-international.org)

**Company Information**

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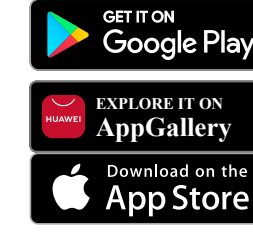
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