



CALL FOR APPLICATIONS

SHORT COURSE IN MOLECULAR DIAGNOSTICS

COURSE OBJECTIVES:

By the end of this Course, participants should have:

1. Been introduced to nucleic acid structure and function
2. Appreciated the basic design of Molecular Diagnostics Laboratories
3. Appreciated the work flow in Molecular Diagnostics Laboratories
4. Understood the basic instruments used in each of the Molecular Diagnostic Laboratories
5. Understood the basic reagents and supplies used in Molecular Diagnostic experiments
6. Learnt the basic methods for Nucleic Acid extraction
7. Learnt how to put together PCR Reagents and set up a PCR reaction
8. Learnt how to prepare Gels for Electrophoresis, set up and run Gel electrophoresis experiments and interpret DNA Bands
9. Understood the contamination control and quality assurance procedures in molecular biology laboratories.
10. Been introduced to clinical applications of PCR/Molecular Diagnostics in disease diagnostics and other applications.

CONTACT INFO

Ms. Geraldine Nalwadda:

+256 701 361449

nalwaddageraldine@gmail.com



TARGET AUDIENCE

1. Graduate students with basic molecular biology exposure e.g. MICM, MSBT, etc
2. Final year undergraduate students with basic molecular biology exposure e.g BBLT, BMLS, etc
3. Medical and veterinary Clinicians
4. Agriculture professionals interested in practical molecular biology

COURSE DATES

23rd - 27th March 2026



POSITIONS AVAILABLE

30 Trainees



COURSE FEES

UGX 500,000/-

PAYMENT METHOD

Bank: **Stanbic Bank**

Account Number: **9030024502219**

Account Name: **Makerere University Biomedical Research Center Limited**

Branch: **Mulago**

Venue: **Genomics, Molecular & Immunology Labs**



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HOW TO APPLY

1. Send your signed application via email to nalwaddageraldine@gmail.com, copy Dr. Eric Katagirya (katagiryaeric@gmail.com). Indicate your current qualification e.g. BBLT, Your physical Address and your phone contact which is on Whatsapp.
2. Attach your National Id or passport data page, current Transcript/Testimonial and degree certificate if you already have one.
3. Successful applicants will be notified via email.
4. After you are admitted you must pay the course fee within 5 days, else your position may be allocated to another applicant.