

MUSTAPHER PECULIAR

MICROBIOLOGY | LABORATORY OPERATIONS | RESEARCH

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PROFESSIONAL PROFILE

Detail-oriented laboratory professional with a B.Sc. in Microbiology from Landmark University and five months of hands-on experience at NCDC. Experienced in virology, bacteriology, clinical sample processing, laboratory documentation, biosafety, and quality control. Brings practical knowledge of microbiological techniques, scientific research, and diagnostic workflows, with a strong interest in laboratory science, quality control, and research operations.

CORE SKILLS

Virology | Bacteriology | Microbiology | Scientific Research | Biosafety and Biosecurity | MIC and MBC Determination | Laboratory Documentation | Clinical Sample Processing | Antimicrobial Susceptibility Testing | Data Entry and Management

PROFESSIONAL EXPERIENCE

Microbiology Laboratory Intern | Nigeria Centre for Disease Control and Prevention (NCDC)

April 2025 - August 2025

- Supported laboratory operations across two key disciplines: virology and bacteriology.
- Completed core clinical specimen handling activities, including receipt, labelling, documentation, and processing.
- Assisted with specimen storage and sample tracking throughout the five-month internship.
- Supported routine microbiological and diagnostic workflows while maintaining laboratory records and documentation.
- Adhered to three core compliance areas: biosafety, laboratory safety, and quality control procedures.

RESEARCH PROJECT

Antimicrobial Activity of Ekbergia senegalensis Ethyl Acetate Leaf Extract

- Completed two core research activities: phytochemical screening and antimicrobial testing.
- Analysed research data to determine two antimicrobial measures: MIC and MBC.

EDUCATION

Bachelor of Science (B.Sc.) in Microbiology

Landmark University | 2026