



INTERNAL ADVERTISEMENT

Ref: IITA-HR-NRS2023-018	Position: <ul style="list-style-type: none">• Senior Research Supervisor
Location: Ibadan	Recruitment Type: National (2-year renewable contract)
Date Posted: 4 April 2023	Closing Date: 11 April 2023

The International Institute of Tropical Agriculture seeks suitable internal applicants for the position below at the Institute's Headquarters in Ibadan.

Position: Senior Research Supervisor

Contract: 2-year renewable contract

Location: Ibadan

DUTIES:

- Carry out genotyping of plant materials designed for various genetics analysis including linkage mapping, association studies and marker-assisted selection, genotyping will be done in lab using SNP, SSR and other types of marker.
- Carry out collection and preparation of leaf tissues for shipment or DNA and RNA isolation.
- Analyse genotypic data including linkage mapping, association studies, diversity analysis and expression analysis.
- Carry out quantitative real time PCR on light cycler and ABI instruments for genotyping and expression analysis.
- Carry out gel electrophoresis and other cognate techniques.
- Carry out basic informatics analysis and use of web-based biological tools.
- Ensure compliance with safety regulations of the Biotechnology Laboratory.
- Sequence regions of interest and deposit the DNA sequences in public sequence repository when needed.
- Develop gel-based allele-specific markers to select for traits of interest in tropical maize lines.
- Perform *in-silico* analysis to functionally characterize candidate protein-coding genes linked to SNPs significantly associated with desired traits based on GWAS and QTL study.

- Design and validate KASP markers for marker-assisted breeding in early, extra early, and medium maturing tropical maize lines.
- Perform any other job-related task as may be assigned by the Supervisor.

QUALIFICATION:

BSc/HND in Molecular Biology, Pathology, Microbiology, Biochemistry, Biotechnology or related field with a minimum of three (3) years' experience performing similar role in a well-structured environment.

COMPETENCIES:

The ideal candidate must:

- Have good knowledge of molecular biology techniques and genomic data analysis.
- Have good report writing skill.

REMUNERATION:

We offer highly competitive salaries with equally attractive benefits and excellent working conditions in a pleasant campus environment.

METHOD OF APPLICATION:

Interested applicants should complete the online application by attaching a detailed cover letter and curriculum vitae saved with their names in Microsoft word format to IITA website: <http://jobs.iita.org/erecruit> no later than One Week from the date of this publication. The application must include the names and e-mail addresses of three professional referees which must include the applicant's current or previous direct Supervisor, professional colleague, and evidence of current remuneration package.

IITA is an equal-opportunity employer and is committed to building a diverse workforce, particularly welcoming applications from women. While all applications will be acknowledged, please note that only shortlisted candidates will be contacted.