



OFFICE OF THE COORDINATOR

JOB ANNOUNCEMENT

The University of Rwanda-Single Project Implementation Unit (UR-SPIU) is inviting qualified and interested candidates to submit their applications to the position of Lab Assistant (Microbiology & Molecular Biology) under Sustainable Nitrogen for Rwandan Smallholders Project.

POSITION: LAB ASSISTANT (MICROBIOLOGY & MOLECULAR BIOLOGY)

1. Main Duties and Responsibilities

- Assessing the stability and viability of *Gluconacetobacter diazotrophicus* (Gd)-formulated products under various storage conditions.
- Conducting colonisation assessments for the initial establishment of Gd in planta
- Evaluating the colonisation of bacterial strains in a variety of crops (e.g., maize, rice, wheat, sorghum, beans, tomato, potato, sweet potato).
- Performing molecular biology techniques including: CTAB DNA extraction, Polymerase Chain Reaction (PCR), Gel electrophoresis, Executing microbiological methods such as: Bacterial culturing, Plating techniques, BioPCR
- Ensuring quality assurance (QA) and quality control (QC) standards are maintained during experiments.
- Preparing laboratory reagents and maintaining lab equipment and records.
- Collaborating with research teams on pot and field trials, sample collection, and data documentation.

2. Required qualifications and competencies

- Bachelor's degree in biotechnology and Biochemistry, or a related field.
- Demonstrated experience in microbiology and molecular biology techniques (PCR, gel electrophoresis, DNA extraction, bacterial culturing, and data analysis).
- Hands-on experience with plant-associated microbial analysis is an advantage.
- Familiarity with QA/QC procedures in a laboratory setting.
- Ability to follow Standard Operating Procedures (SOPs) and maintain accurate experimental records.
- Strong attention to detail and organizational skills.
- Fluency in English (written and spoken).

APPLICATION PROCEDURE:

Interested and qualified candidates should submit their applications online to the link:
<https://forms.gle/dP17hj6sefgZJNQv5>

Documents required are:

1. An application letter addressed to UR-SPIU Coordinator.
2. A detailed Curriculum Vitae
3. Copy of academic degree(s), and Certificates of any relevant professional training
4. Copy of National Identity card
5. Copy previous employment experience

The deadline for submission of the application is set on 7th August 2025 at 5pm.

Only shortlisted candidates will be required to sit a written test.

Done at Kigali on 31st August 2025



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SPIU (UR SPIU Coordinator)
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