

Annisa Fauzia

+6281387244795 | annisafauzia.nisa@gmail.com | [LinkedIn](#) | Bogor, Indonesia

Detail-oriented Biology graduate and former R&D Intern with hands-on expertise in microbiology and GLP-compliant bioassays. Proven track record in executing precise laboratory protocols, troubleshooting assay conditions, and delivering reliable data in fast-paced environments. Eager to bring strong analytical and collaborative skills to a growing laboratory team.

Education

IPB University – Bogor, Indonesia

2021 – 2025

Bachelor of Science in Biology (Microbiology): GPA 3.68/4.00

- Relevant courses: microbiology, laboratory techniques and biological instruments, microbial genetics experiment, biosafety, microbial biotechnology.
- Undergraduate Thesis: Antibacterial and Cytotoxicity Activity of Ethyl Acetate Extract from Marine Bacteria *Kocuria marina* SAB E28 [[Undergraduate Thesis](#)]

Training

- ISO 17025, GLP, and ISO 9001 in Food Industry – Makin Ahli (2026)

Work Experience

Laboratory Teaching Assistant for Lab Techniques and Biological Instrumentation

Jan 2026 – June 2026

IPB University – Bogor, Indonesia

- Assisted lecturers in supervising and guiding 90+ students during laboratory practicums.
- Practiced and demonstrated the use of basic biological laboratory equipment and techniques, including dilution and pipetting methods, instrument calibration, operation of terrestrial and aquatic ecological instruments, electrophoresis, and other laboratory procedures.

Laboratory Teaching Assistant for Basic Microbiology

Aug 2025 – Dec 2025

IPB University – Bogor, Indonesia

- Assisted lecturers in supervising and guiding 40+ students during laboratory practicums.
- Practiced and demonstrated the basic use of light microscopes, aseptic techniques, preparation of bacterial and fungal growth media, slide preparation, bacterial staining, observation of bacterial morphology and physiology, and autoclave operation.

Research and Development Intern

Aug 2024 – Nov 2024

PT SMART Biotechnology Center – Bogor, Indonesia

- Cultivated microalgae using alternative growth media derived from oil palm tissue culture waste, exploring sustainable nutrient sources.
- Evaluated microalgae cell viability post-cryopreservation, generating key preliminary data to support ongoing research.

Voluntary Experience

Competition Division Staff

July 2023 – Nov 2023

Bioversary 2023

- Drove participant engagement initiatives, successfully recruiting 30+ participants and securing support from key stakeholders for the event.
- Developed comprehensive competition guidelines and official rulebooks to ensure smooth execution, consistency, and compliance with established procedures.

Secretarial Division Staff

June 2023 – Nov 2023

Lomba Cepat Tepat Biologi 2023

- Maintained attendance records and operational logbooks to ensure accurate event documentation.
- Managed the preparation and distribution of completion certificates for over 400+ participants.

Skills

- **Hard Skills:** Basic and Intermediate Microbiology Practice (including Aseptic Technique, Isolation and Purification, Sterilization (Autoclave/Dry Heat), etc.), Molecular Biology Practice, Gel Electrophoresis.
- **Soft Skills:** Analytical Thinking, Problem-Solving, Attention to Detail, Teamwork, and Time Management.
- **Software:** Microsoft Office, Canva, Google Workspace
- **Languages:** Bahasa Indonesia (Native), English (Intermediate)