

Nadila Suci Nugraha

+62 896 4396 0377 | nadilangrha@gmail.com | Bandung, Indonesia
<https://www.linkedin.com/in/nadila-suci-nugraha-162863336>

A motivated and responsible fresh graduate with an academic background in Biotechnology. Experienced in laboratory activities, academic research, laboratory assistance. Able to work independently and collaboratively, with good communication, organizational, and problem-solving skills

Education Level

Muhammadiyah Bandung University

Oct 2022–Sept 2026

Bachelor of Biotechnology (GPA 3.80/4.00)

- Graduated with cumlaude as a top-performing student in the Biotechnology program
- Enhanced analytical skills through relevant coursework such as Microbiology, Biology, Biotechnology, Molecular Biology, etc.

Working Experience

Muhammadiyah Bandung University

May 2024–Jul 2024

Biochemistry Laboratory Assistant

- Prepared laboratory materials, equipment, and practical activities before sessions.
- Guided students in understanding biochemical concepts and interpreting experimental results.
- Support assessment and documentation of students' laboratory work.

Muhammadiyah Bandung University

May 2025–Jul 2025

Molecular Biology Laboratory Assistant

- Prepared laboratory materials, equipment, and practical activities before sessions (DNA isolation, SDS-PAGE, DNA electrophoresis, plasmid restriction).
- Guided students in understanding biochemical concepts and interpreting experimental results.
- Support assessment and documentation of students' laboratory work.

Muhammadiyah Bandung University

Oct 2025–Dec 2025

Genetic Engineering Laboratory Assistant

- Prepared laboratory materials, equipment, and practical activities before sessions (plasmid transformation, bacterial culture, gene expression, SDS-PAGE).
- Guided students in understanding biochemical concepts and interpreting experimental results.
- Support assessment and documentation of students' laboratory work.

UPT Pembibitan TPHP DISPANGTAN Bandung

Aug 2025–Oct 2025

Plant Tissue Culture Intern

- Assisted in plant tissue culture activities, including explant preparation and sterilization.
- Prepared and handled plant tissue culture media under aseptic condition.
- Observed and documented culture conditions and experimental results.
- Followed laboratory safety and aseptic techniques throughout the internship.
- Making mini project: Sterilization of Red Ginger (*Zingiber officinale*) explants.

Research Experience

Ungraduated Research Project

Dec 2025– May 2026

Production and Characterization of Recombinant L-asparaginase in *Escherichia coli* BL21 (DE3)

- Conducted research on the production of recombinant L-asparaginase using *E. coli* BL21 (DE3) as the expression host.
- Performed laboratory procedures for recombinant protein expression and purity.
- Performed protein concentration analysis and enzyme activity assays.

- Collected, analyzed, and interpreted experimental data.
- Documented experimental procedures and research findings in scientific report.

Research Assistant (Penelitian Dosen Pemula)

Jun 2025–Oct 2025

Recombinant Expression and Preliminary Characterization of a Syntetic L-asparaginase from the Marine Bacterium Pseudomonas tetradonis GFC in Escherichia coli BL21 (DE3)

- Assisted with purification, SDS-PAGE analysis, enzyme activity, bacterial culture, PCR, DNA isolation, plasmid isolation and restriction
- Collected, analyzed, and interpreted experimental data.
- Assisted in preparing the research manuscript, including data presentation, manuscript editing and revisions.
- Collaborated with the research team throughout the experimental and publication process.

Skills and Language

- **Soft Skills:** Teamwork, critical thinking, problem solving, attention to detail, time management, adaptability, fast learning.
- **Hard Skills:** Laboratory techniques, microbiological techniques, bacterial culture, PCR, biology molecular techniques, plant tissue culture, DNA extraction, recombinant protein expression, sample preparation.
- **Language:** English (Intermediate-TOEFL Score: 460), Bahasa Indonesia (Native)