

SAYLA NADA RAHMA, S.Si.

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SUMMARY

A biology graduate from Universitas Jenderal Soedirman with experience as a research assistant and laboratory assistant. Experienced in sperm analysis, histological techniques, and microbiology testing. Strong interest in Biomedical Science with a clear goal to build a career in a laboratory environment. Highly motivated to continuously expand technical skills and scientific knowledge.

EDUCATION

Sep 2019 - Aug 2024

Faculty of Biology

Universitas Jenderal Soedirman

Thesis: "Analysis of Milt Quality and Histological Observation of Testes in Post-spawning Silver Barb (*Barbonymus gonionotus* Bleeker, 1849)."

GPA: 3.87/4.00.

In-Country Student Exchange

Completed coursework:

Biomedical Analysis Method, Bioforensic, Biopharmacy, Toxicology, Pharmaceutical Microbiology, Biotechnology.

([Link to certificate](#))

Aug 2021 - Jan 2022

Institut Teknologi Bandung

Universitas Atma Jaya Yogyakarta

Institut Kesehatan Helvetia

EXPERIENCE

May 2026

Village Adolescent Reproductive Health Education Program

Sokaraja Tengah, Sokaraja, Banyumas Regency

Community Health Education Volunteer

- Represented the local neighbourhood to attend a village-level Adolescent Health Education Program;
- Learned topics related to reproductive health;
- Redesigned scientific information to suit the needs of the local neighbourhood;
- Delivered a follow-up sharing session on evidence-based reproductive health information to the local neighbourhood during a community gathering;
- Promoted discussion and awareness of reproductive health through audience-appropriate communication.

Nov 2024 - Apr 2025

Laboratory of Animal Structure and Development

Faculty of Biology, Universitas Jenderal Soedirman

Research Assistant (Histology Technician)

- Conducted routine histological procedures independently, resulting in 45+ slides from 10+ fresh organ and tissue culture specimens;
- Conducted microscopic observation together with the supervisor;
- Resolved preparation issues during routine laboratory work;
- Monitored and maintained stock of laboratory supplies and equipment in use.

Jul 2023 - Apr 2024

Laboratory of Animal Structure and Development

Faculty of Biology, Universitas Jenderal Soedirman

Undergraduate Research Assistant

- Collaborated within a research team to perform semi-artificial reproductive techniques;
- Processed 100+ histological slides and analysed them using digital bioimaging systems to assess;
- Monitored research organisms, environmental conditions, and laboratory supplies throughout the observation periods;
- Conducted statistical analysis using Microsoft Excel and SPSS.

Mar 2023 - Jun 2023

Laboratory of Microbiology

Faculty of Biology, Universitas Jenderal Soedirman

Laboratory Assistant of Biopharming

- Consistently applied aseptic techniques and laboratory safety procedures during routine laboratory work;
- Assisted in setting up laboratory equipment and reagents;
- Supervised 5 participants per session, conducting bacterial isolation, screening, and identification;
- Organized the administration of laboratory activities, including practical manual guidance, participant group distribution, attendance, and practical assessment.

Mar 2022 - Jun 2022
Laboratory of Genetics
Faculty of Biology, Universitas
Jenderal Soedirman

Laboratory Assistant of Genetics

- Led and collaborated with 7 team members of the Laboratory Assistant of Genetics;
- Demonstrated laboratory instrument operation and guided participants on proper use of the instrument;
- Supervised participants in gel electrophoresis;
- Organized the administration of laboratory activities, including practical manual guidance, participant group distribution, attendance, and practical assessment.

Jan 2022 - Feb 2022
Public Health Laboratory,
Government Health Services of
Banyumas Regency, Central Java

Microbiology Analyst (Internship)

- Conducted bacterial isolation using the Most Probable Number (MPN) method for Coliform detection;
- Prepared and sterilized culture media and laboratory equipment using an autoclave;
- Consistently applied aseptic techniques and laboratory safety procedures during routine laboratory work;
- Conducted results interpretation and documentation in the laboratory logbook.

PERSONAL DEVELOPMENT

Training:

- (Feb & Jun 2026) Language training: French Beginner Class: A1.1 [Link to certificate](#) - A1.2.
- (Jun 2025) Quality Control in Pharmaceutical Industry [Link to certificate](#); "Cara Pembuatan Obat yang Baik" (CPOB) [Link to certificate](#); Awareness Training of ISO 14001:2015, ISO 45001:2018, and SMK3 PP No 50 Tahun 2012 [Link to certificate](#); HSE Document Compilation [Link to certificate](#).

Workshop & Bootcamp:

- (Nov 2025) "Cancer Biology – Research Trend and Prospect" [Link to certificate](#).
- (Apr 28 - May 2, 2025) "Researcher Virtual Bootcamp: Biomedical Science 101" [Link to certificate](#).
- (Apr 2025) "Unlocking the Potential of Stem Cells: Future of Regenerative Medicine" [Link to certificate](#).
- (Feb 2025) "Stem Cells in Shaping Future Medicine" [Link to certificate](#).

Volunteering:

- (Jul 2023) Content Contributor, article posted on the Instagram feed of ProudFoodism [Link to content](#).

LABORATORY SKILLS

Microscopy; Paraffin-embedded method; Microtomy; Hematoxylin-Eosin staining; Semen/Sperm analysis; Micropipetting; Blood smears technique; Tissue spread method; MPN method; Aseptic techniques; Gram staining; Media preparation; Sterilization; Incubation; Microbiology enzyme activity test; Streak plating; Electrophoresis; Cell counting (Hemocytometer & Blood cell counter); Serial dilution; Finger prick.

ORGANIZATIONAL EXPERIENCE

Mar 2021 - Mar 2022
Mar 2020 - Mar 2021
Keluarga Mahasiswa Nahdlatul Ulama
Universitas Jenderal Soedirman

Media Department Coordinator
Media Department Staff

SOFTWARE SKILLS

Microsoft Office (Word, Excel, PowerPoint); SPSS; ImageJ.

LANGUAGE

Bahasa Indonesia (native), English (B2).