



HANA AQILAH SEPTINI

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Bandung, West Java, Indonesian

PERSONAL PROFILE

Fresh Graduate Bachelor of Pharmacy from Universitas Islam Bandung who completed the degree within 3.5 years. Strong interests in pharmaceutical formulation, pharmaceutical analysis, microbiology, and regulatory affairs. Experienced in pharmaceutical formulation research, conducting antibacterial activity studies, and supporting pharmaceutical microbiology laboratory activities as a laboratory assistant. Skilled in microbiological testing, pharmaceutical formulation, laboratory documentation, teamwork, and leadership. Recognized for being detail-oriented and committed to continuous professional development while contributing effectively to the pharmaceutical and healthcare sectors.

EDUCATION

Universitas Islam Bandung

Sep 2022 – Jan 2026

Bachelor of Pharmacy, Faculty of Mathematics and Natural Sciences – GPA: 3,81/4,00

- Relevant coursework: Pharmaceutical Dosage Form Technology, Industrial Pharmacy, Pharmaceutical Analysis, Pharmaceutical Chemistry, Biopharmaceutics, Microbiology, Clinical Pharmacy.
- Undergraduate thesis: Formulation of an Anti-Acne Nanoemulgel Containing a Combination of Salicylic Acid and Black Seed Oil (*Nigella sativa* L.) and Evaluation of Its Antibacterial Activity against *Staphylococcus epidermidis*.

WORK EXPERIENCE

Pharmaceutical Microbiology Laboratory Assistant

Feb – Jun 2026

Pharmacy Laboratory, Universitas Islam Bandung

- Assisted and supervised pharmaceutical microbiology practical sessions, including aseptic techniques, sterilization, microbial cultivation and identification, and antimicrobial activity testing.
- Supported laboratory preparation, practical documentation, and data interpretation while ensuring compliance with SOPs and laboratory safety procedures.
- Facilitated practical discussion sessions on microbiological analysis, sterility testing, antimicrobial testing, and microbiological quality evaluation of pharmaceutical preparations.

RESEARCH & SCIENTIFIC PUBLICATIONS

Undergraduate Thesis Research: Formulation & Antibacterial Activity Testing

2025 – 2026

Pharmacy Research Laboratory, UNISBA

- Formulated and optimized a nanoemulgel containing a combination of salicylic acid and black seed oil using factorial design with RStudio.
- Conducted comprehensive physicochemical evaluation, in-vitro permeation testing, and antibacterial activity testing.
- Presented a literature review article as a presenter at SPeSIA 2026, the National Research Seminar of Universitas Islam Bandung.

RELEVANT PRACTICAL EXPERIENCE

Pharmaceutical Microbiology

- Performed microbiological testing, including aseptic techniques, sterilization, microbial isolation and identification, antimicrobial activity testing, and microbiological quality evaluation.

Sterile, Solid, Liquid, and Semisolid Dosage Form Technology

- Formulated, prepared, and evaluated the quality of various pharmaceutical dosage forms while considering quality and stability parameters.

Pharmaceutical Dosage Form Analysis

- Conducted quality testing and analysis of raw materials and pharmaceutical preparations using chemical and instrumental analysis methods, including spectrophotometry, titration, and chromatography, to ensure compliance with quality specifications.

Biopharmaceutics, Pharmacokinetics, and Clinical Pharmacy

- Analyzed pharmacokinetic parameters to evaluate drug bioavailability and therapeutic effectiveness.

- Conducted prescription reviews, identified Drug Related Problems, evaluated drug use, and prepared pharmacotherapy recommendations.

ORGANIZATIONAL & COMMITTEE EXPERIENCE

ISMAFARSI Priangan Regional Coordinator Election 2024

2024

Verification Team

- Participated in the election process for the ISMAFARSI Priangan Regional Coordinator for the 2024-2026 period, strengthening skills in data verification, cross-institutional communication, and coordination within a national pharmacy student organization.

Bakti Desa FMIPA UNISBA 2024

Jun 2024

Staff of Health Division

- Participated in a community service program focused on village development, coordinating with the health division team to support health check-up activities and community health education.

Taaruf & New Student Development Program FMIPA

Oct 2023

Staff of Attendance Division

- Served as a committee member for two new student orientation programs, developing skills in event management, team coordination, and inter-unit communication.

Bakti Desa FMIPA UNISBA 2023

Jul 2023

Staff of Event Division

- Designed the activity agenda and supported event coordination and execution to ensure the program ran effectively and systematically.

Pharmacy Inauguration

May 2023

Staff of Public Relations Division

- Supported communication and coordination with internal and external stakeholders to ensure the smooth execution of the event.

COMMUNITY SERVICE

- Community Service Program Coordinator (PKM) — Conducted and coordinated public education on Chikungunya prevention and the rational use of antibiotics during the KKN program.
- Implementer Team PKM — Delivered education on the risks of diabetes mellitus from adolescence at SMAN 11 Bandung.
- Member of PKM — Conducted community education on waste management, biopore infiltration holes, and EcoEnzyme production in Cikadut Village, Cimenyan District, Bandung, in July 2025.

AWARDS & CERTIFICATIONS

- Presenter – SPeSIA 2026, National Research Seminar of Universitas Islam Bandung, Feb 2026.
- Participant – UNISBA Internal PKM Selection 2025 — Ranked among the top 5 proposals at the university level.
- Participant – International Research Sharing Session, Pharmacy Department, Faculty of Mathematics and Natural Sciences, UNISBA, Nov 2025.
- Participant – International Visiting Lecture: *Natural Products in Modern Drug Discovery*, Dec 2024, and *Public Health Pharmacy*, Sep 2025.
- Certificate of Active Participation – National Pharmacy Seminar on the Identification of Hazardous Substances in Cosmetics and Critical Points of Halal Compliance, 2025.

SKILLS

Pharmacy: Pharmaceutical dosage form formulation, quality evaluation, stability testing, active ingredient analysis, drug compounding, prescription screening, pharmaceutical documentation.

Laboratory: Microbial culture, UV-Vis spectrophotometry, IR spectrophotometry, HPLC, Particle Size Analyzer, Zetasizer, viscometer, Franz diffusion cell, dissolution testing, titration.

Software: Microsoft Office (Word, Excel, PowerPoint), RStudio, Canva, Mendeley/Zotero, Google Workspace.

LANGUAGES

Indonesian — Native **English** — Intermediate (TOEFL 477, Dec 2025)