

KHAIRUNNISA AZZAHRA

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A pharmacist with hands-on experience across various pharmaceutical care facilities, pharmaceutical industry, and research institutions. **Experienced in conducting GMP gap analysis, supporting Halal Product Assurance System (SJPH) registration documents, and optimizing formulation development using Design of Experiment (DoE).** These experiences have strengthened my analytical skills, attention to detail, and resilience to continuously learning while contributing to the advancement of pharmaceutical manufacturing processes and innovation.

EDUCATION

Apothecary | Universitas Padjadjaran

GPA: 3,71/4.00

Relevant Coursework: GMP (CPOB, CPKB, CPOBAB), GDP/CDOB, pharmaceutical quality systems, regulatory compliance, documentation practices, and patient-centered pharmaceutical care.

February
2025 – April
2026

Bachelor Pharmacy | Universitas Islam Negeri Syarif Hidayatullah Jakarta

GPA: 3,44/4.00

Thesis title: Preparasi Formula Liposom Kombinasi DOTAP, Kolesterol, dan DSPE-PEG 2000 Sebagai Agen Transfeksi pGFP Terhadap Sel Mamalia HEK293T Menggunakan *Response Surface Methodology*.

August 2019
– January
2024

PUBLICATION

Box-Behnken design assisted approach in optimizing lipid composition for cationic liposome formulation as gene carrier. *Biochimica et Biophysica Acta (BBA)*. Scopus Quartile 1 (Q1) level.

<https://doi.org/10.1016/j.bbagen.2024.130705>

PROFESSIONAL EXPERIENCES

PT. Combiphar | Pharmacist intern at Operational Excellence Division (Risk and Halal Management)

- Conducted observation and gap analysis of GMP implementation and related regulatory requirements across non-sterile manufacturing facilities, including R&D, Quality Control, Quality Assurance, Regulatory Affairs, Production, Warehouse, and Waste Management facilities.
- Responsible for Sistem Jaminan Produk Halal (SJPH) registration documents preparation in compliance with Badan Penyelenggara Jaminan Produk Halal (BPJPH) requirements.

September –
October 2025

Rumah Sakit Umum Pusat Fatmawati | Pharmacists intern

- Participated in clinical pharmacist practice rotations across the emergency department, inpatient and outpatient services, ICU, ICCU, HCU, pharmacy warehouse, and cytostatic/radiopharmaceutical units.
- Assisted in compounding and preparation of solid, liquid, sterile, and cytotoxic pharmaceutical products under pharmacist supervision in compliance with applicable safety and quality standards.
- Conducted patient's daily medication therapy monitoring to evaluate treatment outcomes, identify drug-related problems (DRPs), adverse drug reactions, and potential drug interactions using the SOAP and PCNE method.

July– August
2025

Pharmaceutical Distributor PT. Bina San Prima | Pharmacist intern

- Gained exposure to pharmaceutical distribution operations in compliance with Good Distribution Practices (CDOB), including a project on observing drug distribution processes covering customer qualification, distribution mechanisms, distribution documentation, and product receipts.
- Assisted in reviewing validity of purchase orders from healthcare facilities and storage condition monitoring (temperature and humidity control), cold chain product handling, FEFO/FIFO implementation, document archiving and destruction procedures, product complaint handling, and product recall processes.

June 2025

Kimia Farma Apotek | Pharmacist intern

- Performed administrative, pharmaceutical, and clinical prescription screening to ensure the appropriateness of medication therapy and minimize the risk of dispensing errors.
- Provided patient counseling, drug information services, and self-medication recommendations, including guidance on dosage, proper use of medical devices (e.g., inhalers and insulin pens), drug storage, potential side effects, and the rational use of OTC products, supplements, and herbal medicines.
- Supported pharmacy inventory management through stock documentation, expiry date monitoring, FEFO/FIFO implementation, and preparation of regulatory reports in accordance with regulations.

May 2025

Nano Center Indonesia | Research and development intern at CoE Life Sciences

- Conducted formula design using Minitab software and literature review of scientific papers related to liposome formulations as carriers for cattle exogenous hormone delivery.
- Performed characterization of particle size, polydispersity index, and zeta potential using a Zetasizer particle size instrument.
- Managing and analyzing data for scientific paper writing.

October 2023
– June 2024

Badan Riset dan Inovasi Nasional (BRIN) | Research student

- Conducted research on designing and optimizing liposome formulations as carriers for plasmid DNA using Minitab software.
- Isolated *Escherichia coli* plasmid DNA (transformation, cultivation, and confirmation using restriction enzyme digestion).
- Performed *in-vitro* assays to assess gene expression and toxicity in mammalian cells HEK293T and RAW264.7.
- Managing and analyzing data for scientific paper writing.

November
2022 – August
2023

Basic Pharmaceuticals | Laboratory assistant

- Prepared tools and materials for practical sessions.
- Collaborated with lecturers to facilitate laboratory activities.
- Demonstrated work procedures, including pharmaceutical introductions and the preparation of powders, capsules, syrups, suspensions, and emulsions.

August 2021-
January 2022

TRAINING & COURSES

Manajemen Risiko Berbasis SNI ISO 31000 | Badan Standardisasi Nasional

July 2026

Credential ID: ELSDS/BSN/16342/XXVI

Completed Risk Management Based on SNI ISO 31000 training. Covering the fundamental concepts of risk management, principles, framework, processes, and risk assessment techniques, to enhance understanding of risk management implementation in improving organizational performance and supporting the achievement of organizational objectives.

Credential ID: HCR2-20260530-DVO9B

Gained understanding of product classification and regulatory readiness for pharmaceutical and cosmetic products, covering product categories, evaluation of intended use, composition, dosage forms, claim assessment, drug registration pathways, cosmetic notification processes, and regulatory documentation requirements to support compliance evaluation.

SKILLS

- Good command of Microsoft Office (Word, Excel, PowerPoint), Google (Docs, Sheets, Slides), Minitab, GraphPad Prism, ImageJ.
- **Laboratory skills:** Aseptic laboratory techniques, Mammalian cell culture handling, Cell based assays, Microplate spectrophotometric, Particle size analyzer.
- **Language:** English (TOEFL ELT Universitas Padjadjaran: 530/677).

ORGANIZATION EXPERIENCE

Himpunan Mahasiswa Program Studi Farmasi UIN Jakarta | Member of Internal

Organizational Development

Responsible for managing internal organizational programs by facilitated coordinated team building activities to improve overall performance and collaboration.

January 2021 –
January 2022