

# KHANSA AULIYA PUTRI DEWANTO

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## PROFILE SUMMARY

Pharmacist candidate from Universitas Gadjah Mada with hands-on experience in pharmaceutical formulation trials, optimization, and laboratory evaluation across various dosage forms. Gained industry exposure to CPOB/CDOB, SOP implementation, quality documentation, and process improvement. Analytical, detail-oriented, and systematic, with strong skills in formulation and product development.

## EDUCATION

- **Universitas Gadjah Mada (2025 – Present)**

Pharmacist Professional Program, GPA : 3,87/4,00 (current)

- **Universitas Gadjah Mada (2021 – 2025)**

Bachelor of Pharmacy, GPA : 3,68/4,00

Thesis : *Formulation Optimization of Collagen–Chitosan-Based Hydrogel with Tripolyphosphate (TPP) Crosslinker as a Burn Wound Dressing Film*

- Developed and optimized hydrogel formulations through formulation trials and Simplex Lattice Design (SLD) to determine the optimum composition of collagen, chitosan, and TPP.
- Evaluated formulation and product characteristics through swelling ratio, Water Vapor Transmission Rate (WVTR), and degradation testing, followed by data analysis to determine the optimum formulation.

## RESEARCH & LABORATORY EXPERIENCE

### Academic Group Project – Faculty of Pharmacy, Universitas Gadjah Mada (2024)

Project title : *Helio Sun! : Sunscreen Gel with Sunflower Seed Oil and Tamanu Oil*

- Developed and optimized a sunscreen gel formulation through ingredient selection, formulation trials, and laboratory evaluation based on targeted product characteristics and performance.
- Designed product packaging to support product functionality, usability, and presentation.

### PKM-RE – Funded by Kemendikbudristek (2023)

Research title : *Self-Nanoemulsifying Drug Delivery System of Red Betel Leaf (*Piper crocatum*) for Diabetic Wound Therapy via Collagen Deposition Enhancement*

- Developed a Self-Nanoemulsifying Drug Delivery System (SNEDDS) formulation through formulation component selection, laboratory-scale trials, and characterization of formulation properties.
- Evaluated formulation performance through collagen deposition studies and analyzed experimental data to assess the formulation's potential for wound healing.
- Presented research findings and contributed to scientific discussions during the project.

### PKM— Funded by Kemendikbudristek (2023)

Research title : *Tamarinda Balm: Innovative First Aid for Rapid and Effective Wound Care*

- Developed and refined a balm formulation through ingredient selection, formulation trials, and evaluation of product characteristics to support product development.

### **Laboratory Assistant – Faculty of Pharmacy, Universitas Gadjah Mada (2023 –2024)**

- Assisted 10+ pharmaceutical technology and analytical chemistry laboratory sessions involving formulation, quality control, and analytical testing, including spectrophotometric analysis, while guiding 70+ students on laboratory procedures and reports.

## **WORK EXPERIENCE**

### **Apothecary Apprenticeship Program (PKPA) – PT Dexa Medica, Palembang**

System Governance and Risk (SGR) Intern

February – March 2026

- Analyzed and compiled 18 Critical Material Attributes (CMA) reports for raw material trend monitoring to support vendor qualification and material quality assessment.
- Conducted self-assessment of operational activities and SOP implementation to identify compliance gaps against CDOB requirements.
- Proposed standardized sentence templates for raw material trend monitoring reports, reducing report preparation time by 25%.

### **Apothecary Apprenticeship Program (PKPA) – PT. Anugerah Pharmindo Lestari, Surabaya**

Branch Regulatory & Quality Assurance (BRQA) Intern

November 2025

- Performed document classification and review of purchase orders to ensure proper handling, traceability, and compliance with CDOB and CDAKB requirements.
- Proposed an e-CCP control system to improve documentation efficiency and traceability in cold chain product distribution.

## **TRAINING & CERTIFICATIONS**

### **Cara Pembuatan Obat yang Baik (CPOB) Training – Makin Ahli**

August 2026

- Covered fundamental principles of CPOB/GMP in pharmaceutical manufacturing and quality assurance.

## **EVENT & VOLUNTEER EXPERIENCE**

**Medical Cluster Coordinator** – KKN-PPM UGM 2024 Mengarung Kebonagung

June – August 2024

**Facilitator Staff** – PPSMB Papyrus 2023

April – August 2023

**Public Health Staff** – 22<sup>nd</sup> Asia Pacific Pharmaceutical Symposium

January – July 2023

## **SKILLS**

**Formulation & Technical:** Pharmaceutical formulation development, formulation trials, formulation optimization, formulation evaluation, product development

**Laboratory & Analysis:** Pharmaceutical technology, analytical testing, spectrophotometry, experimental data analysis

**Manufacturing & Quality:** CPOB/GMP, pharmaceutical manufacturing principles, SOP compliance, quality documentation, CDOB, CDAKB

**Software:** Microsoft Office, Design-Expert, GraphPad Prism, Canva, Figma

**Language:** Bahasa Indonesia (Native), English (Professional Working Proficiency)