

# NAURA SYIFA SAKINATA

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## EDUCATION

### Brawijaya University

*Apothecary Profession* | GPA: 4.00/4.00

August 2025 - August 2026

- UKOMNAS-PDPA CBT: 94/100 (National Top 2 CBT Score)

### Brawijaya University

*Bachelor, Pharmacy* | GPA: 3.58/4.00

September 2021 - July 2025

- Undergraduate thesis: “*Analysis of the Effect of Curcuma longa Nanoemulsion on MK-801-Induced Locomotor Activity in Zebrafish, Using Risperidone as a Comparator*”
- Designed and developed turmeric nanoemulsion targeting schizophrenia
- Conducted physicochemical evaluations, including solubility test and particle size analyzing to determine the optimal formulation parameters.
- Pre-clinical testing on zebrafish schizophrenia models.

## INTERNSHIP

### Badan Pengawas Obat dan Makanan

*Drug Safety and Regulatory Affairs Intern*

April 2026 - May 2026

- Reviewed and evaluated drug information documents and export import documents.
- Assessed pharmaceutical advertising materials for regulatory compliance.
- Conducted a comprehensive global regulatory benchmarking study on Tuberculosis (TB) management and anti-TB drug quality assurance across 7+ regions (WHO, US FDA, China, India, Europe, Australia, ASEAN)
- Conducted pharmacovigilance assessments.

### PT. Kimia Farma Plant Banjaran

*Production Intern*

February 2026 - March 2026

- Evaluated end-to-end production workflows to ensure strict adherence to Good Manufacturing Practices (GMP/CPOB).
- Analyzed Critical Process Parameters (CPPs) and process control strategies that directly impact product quality during scale-up.
- Gained insight into troubleshooting methods used to identify, investigate, and resolve production issues

### Pharmacy UB Laboratory

*Laboratory Teaching Assistant*

2023 - 2025

Instructed over 200 pharmacy students across 4 laboratory modules, specializing in:

- Formulation, production, and evaluation of liquid-semisolid dosage form.
- Drug assay and usage of the spectrofotometer UV-Vis.
- Alkalimetric titration and acidic drug assay
- Drug stability testing, dissolution testing, dispersion systems, micromeritics, and viscosity testing

## PROJECTS

### Supplementation of Gotu Kola (*Centella asiatica*) Nanoemulsion in Zebrafish as a Model Animal for Schizophrenia (Student Creativity Program (PKM-RE) Research Grant)

- Designed a nanotechnology-based formulation strategy to optimize the delivery of *Centella asiatica* extract.
- Conducted rigorous experimental preclinical studies using Zebrafish models.
- Contributed to the formulation team by performing process development and evaluating the physical properties of the nanoemulsion.

**Development of Mucoadhesive Buccal Patch Containing Chayote (*Sechium edule*) Extract for Antidiabetic Therapy** (Student Creativity Program (PKM-RE) Research Grant)

- Performed natural product extraction (sohxlet extraction) and conducted Thin-Layer Chromatography (TLC) for precise phytochemical identification.
- Developed the pharmaceutical formulation of a mucoadhesive buccal patch.
- Characterized the final dosage form through comprehensive physicochemical testing and mucoadhesive performance evaluations.

**ORGANIZATION EXPERIENCE**

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|-------------------------------------------------------------------------|-------------|
| <b>HRD Team</b><br><i>National Committee on Medical Education CIMSA</i> | 2022 - 2023 |
| <b>Project Team</b><br><i>MSCIA UB</i>                                  | 2023 - 2024 |
| <b>Treasurer</b><br><i>Breaking The Silence</i>                         | 2022        |
| <b>Treasurer</b><br><i>Research Team – PKM RE</i>                       | 2023        |
| <b>Treasurer</b><br><i>Sumpah Apoteker UB</i>                           | 2026        |

**ACHIEVEMENT**

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**3rd place in Drug Packaging Development Competition**  
Pharmanova ITB • National • 2024

**Finalist in Pharmapreneur Design Competition**  
PIMFI ISMAFARSI • National • 2023

**SKILLS**

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- Laboratory Instrumentation & Analysis**  
*UV-Vis Spectrophotometer Operation, Dissolution Testing, Drug Assay (HPLC), Compound identification (TLC), Dispersion Systems & Viscosity Testing, Physicochemical Testing Protocol.*
- Quality Control & Compliance**  
*Good Manufacturing Practices (GMP/CPOB), Good Documentation Practices (GDP).*
- Pharmaceutical Development**  
*Formulation of Liquid-Semisolid Dosage Forms, Quality by Design (QbD), BPOM Regulation.*
- Technical Skills**  
*Statistical Analysis (SPSS), Microsoft Office.*