



UMI TSALSA SABRINA

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SUMMARY

A apothecary student with a deep interest in pharmaceutical technology and phytochemistry innovation, particularly in the utilization of Indonesia's rich biodiversity. Experienced in research, formulation, and development of natural-based preparations using scientific approaches and modern technology. Possesses a collaborative spirit, critical thinking skills, and is committed to advancing Indonesian pharmacy through the integration of research, innovation, and sustainable pharmacy practices.

EDUCATION

Padjajaran University

Aug 2025- Present

- Pharmacist Professional Program
- Relevant courses: Production , Quality Assurance, Quality Control, Pharmaceutical Industry and Regulation, Clinical Pharmacy

Sriwijaya University

Aug 2021- Des 2024

- Bachelor of Pharmacy
- GPA: 3,99/ 4.00
- **Thesis** : Acute Toxicity Test Of Etanol Extract Of Sukun Leaves (Artocarpus Altilitis (Park.) Fosberg) On Female White Wistar Rats With Acute Toxic Class Method
- **Publication** : Safety evaluation of ethanol extract from Artocarpus altilis leaves as a herbal medicine candidate: Studies in acute and subchronic toxicity in Phytomedicine Plus

Graduates of Madrasah Aliyah Negeri 3 Palembang

Aug 2017 - March 2020

- Majoring in Mathematics and natural sciences
- GPA: 98,7

PROFESIONAL EXPERIENCE

PBF PT. Millennium Pharmacon International (MPI)

Aug 2024- Feb 2025

- Understand and apply the principles of CDOB 2025 in pharmaceutical distribution activities, including inventory control, documentation, and product traceability. Able to work collaboratively in a team and support compliance with pharmaceutical regulations.
- Have experience in entering and managing pharmaceutical operational data using the Cloud Oracle system and Warehouse management system, including product receipt, inventory, and distribution. Ensure data accuracy and the completeness of documentation in accordance with company procedures.

Apotek Al-Ma'soem Cikalang**Aug 2024- Feb 2025**

- Conducting prescription screening, preparing and dispensing medications, providing self-medication services, and offering medication information and education to patients to support the rational and safe use of medications.
- Participating in home care activities, monitoring patient therapy adherence, managing medication inventory, checking expiration dates, and preparing pharmaceutical documentation and administrative records in accordance with pharmacy service standards.

RSUD Bandung Kiwari**Aug 2024- Feb 2025**

- Provide medication information services (PIO), review prescriptions, conduct medication reconciliation, and perform medication therapy monitoring (PTO), as well as participate in rounds with the healthcare team to support the rational and safe use of medications.
- Participate in IV admixture activities, Drug Side Effect Monitoring (MESO), monitoring of tuberculosis (TB) patient therapy adherence, and learn about the management and monitoring of pharmaceutical supplies to ensure service quality and patient safety.

PT. Menarini Indria Laboratories at Production**Aug 2024- Feb 2025**

- Understand and apply the principles of Good Manufacturing Practice (GMP) in pharmaceutical production activities, including batch documentation, line clearance, hygiene and sanitation practices, and adherence to standard operating procedures to ensure product quality, safety, and consistency.
- Conduct man-hour analysis, process flow mapping (Value Stream Analysis), and identify value-added and non-value-added activities to support increased productivity and operational efficiency. Participate in the implementation of Lean Manufacturing and Six Sigma concepts to support continuous improvement.
- Engage in production process supervision, verification of area and equipment readiness, execution of line clearance, monitoring of documentation compliance, and interdepartmental coordination to ensure production processes run in accordance with CPOB standards, quality targets, and production timelines.

COLLAGE EXPERIENCE

Laboratory Assistant of Pharmaceutical Technology (Sterile Dosage Forms)**Aug 2024- Feb 2025**

- Conduct quality testing of sterile pharmaceutical preparations to ensure product safety and efficacy standards are maintained.

- Responsible for supporting the implementation of sterile pharmacy practicum, including the preparation and sterilization of laboratory equipment and materials used in the manufacture of sterile preparations (such as infusions, injections, and sterile ointments).

**Laboratory Assistant of Pharmacology (Biopharmaceutics-
Pharmacokinetics)**

Aug 2024- Feb 2025

- Assist in the implementation of practicum and research related to biopharmaceutics, especially in drug pharmacokinetic testing through blood and urine analysis.
- Responsible for reporting lab results, including interpretation of pharmacokinetic data (such as parameters like C_{max}, T_{max}, AUC) by manual calculation.
- Work with statistical and programming software to analyze pharmacokinetic data, such as using winsaam, spss, and minitab software to calculate pharmacokinetic parameters.

Laboratory Assistant of Pharmaceutical Biology (Phytochemicals) Aug 2024- Feb 2025

- Assist in research and practicum focusing on isolation, extraction, and identification of active compounds from various medicinal plants using phytochemical techniques.
- Perform the extraction process of bioactive compounds from plants using appropriate solvents, such as ethanol, methanol, and water, and using techniques such as maceration, percolation, and pressurized solvent extraction.

Laboratory Assistant of Pharmaceutical Biology (Organic Chemistry) Feb 2024- Aug 2024

- Assist lecturers in preparing, conducting, and evaluating organic chemistry practicums.
- Guide and direct students in conducting experiments, including proper work procedures and tutor organic chemistry 1 dan 2.

AWARD

- Outstanding Student Award 2024, Faculty of Mathematics and Natural Sciences
- Awardee of the Karya Salemba Empat Scholarship 2022-2024
- 2nd Winner of the Avvicena Muhammadiyah University Purwokerto 2024 National Scientific Writing Competition
- 2nd Winner of the 2024 National Scientific Writing Competition (LKTiN) at the University of Jambi

- Gold Prize for Excelent in Creating Inventions Seoul International Invention Fair for innovation Gamglow: Skincare Innovation From Gambir Leaf Extract (Uncaria Gambir Roxb.) Loaded in SNE As Local Resource Formed In Micellar Water.
- Gold Medals Thailand Award For The Best International Invention and Innovation for Innovation Gamglow: Skincare Innovation From Gambir Leaf Extract (Uncaria Gambir Roxb.) Loaded in SNE As Local Resource Formed In Micellar Water.
- Recipients of PKM RE 2023 Funding for develope “Anti-Inflammatory Spray For Second-Degree Burns From Gambir Leaf Extract Contained In Solid Lipid Nanoparticles” from The Ministry of Education, Culture, Research and Technology.
- P2MW 2023 Funding Recipients for develope “Im Pharmacist Application for UKAI Preparation” from The Ministry of Education, Culture, Research and Technology.
- Second Place in the 2023 and 2024 Faculty-Level Student Debate Competition and Best Speech 2 Faculty Level Student Debate Competition 2023 and 2024

ORGANIZATION EXPERIENCE

- **HKMF (Himpunan Keluarga Mahasiswa Farmasi)** as **2021-2024**
education and professional division staff
Responsible for developing talents in research and debate, as well as preparing students for organic chemistry exams.
- **Paguyuban Karya Salemba Empat** as a PIC of eco enzyme **2022- 2024**
development
Responsible for educating and managing eco enzymes as a form of circular economy application together with the community and students of Indonesian Quran schools.
- **Forum Anak Provinsi Sumatra Selatan** as head of the **2019- 2021**
children's services division
Responsible for educating and managing eco enzymes together with students at Rumah Alquran Indonesia, as a form of independent circular economic management.

ADDITIONAL INFORMATION

- **Technical Skills:** Microsoft (Word, Excel, etc), WMS (Warehouse Management System), ORECLE, Pharmaceutical Technology, Visual Code, Winsaam, SPSS, And Minitab.
- **Languages:** Indonesia and English
- **Communication Skills:** Proficient in negotiation techniques, public speaking, and analytical thinking.
- **Teamwork:** Able to work collaboratively, exchange ideas, and communicate effectively.