

apt. Maitsa Alya Fakhirah, S.Farm

+62 82119353583 | maitsa21001@mail.unpad.ac.id | Tasikmalaya, 29 Mei 2003

<https://www.linkedin.com/in/maitsa-alya-fakhirah-684075217/>



A highly motivated, responsible, detail-oriented, and adaptable apothecary student with a strong passion for exploring diverse aspects of the pharmaceutical field. I am a proactive learner, ready to embrace new challenges and contribute to the development of pharmaceutical practices.

Education

Universitas Padjadjaran – Jatinangor, Jawa Barat Feb 2025 – Apr 2026
Apoteker, 3.79/4.00
Cumlaude

- Publication:
 2026. Case Report: Tranexamic Acid-Induced Nausea After Bilateral Concha Reduction Surgery. *Jurnal Farmasi Klinik Indonesia*. 15(2).

Universitas Padjadjaran – Jatinangor, Jawa Barat Aug 2021 – Dec 2024
Sarjana Farmasi, 3.68/4.00 (3 years 4 months)
Cumlaude

- Thesis:

Interaction of Secondary Metabolites of Dadap Serep Plant (*Erythrina Subumbrans* (Hassk.) Merr.) as Acetylcholinesterase Inhibitors in Alzheimer's In Silico
- Publication:
 2025. Therapeutic Potential of *Erythrina* Genus: Bioactive Phytoconstituents with Potent Antiviral and Antimicrobial Activities. *Plants*. 14(19). <https://doi.org/10.3390/plants14193053>
 2024. Review Artikel: Potensi Tanaman Herbal Sebagai Agen Terapi Penyakit Alzheimer. *Farmaka*. 22(2). <https://doi.org/10.24198/farmaka.v22i2.54888>
 2024. In Silico Study of Compounds in Noni (*Morinda citrifolia* L.) against MainProtease in SARS-CoV-2. *Indonesian Journal of Pharmaceutical Science and Technology*. 6(2). <https://doi.org/10.24198/ijpst.v6i3.58058>
 2023. In Silico Study of Black Pepper (*Piper nigrum* L.) Bioactive Compounds as Acetylcholinesterase (AChE) Enzyme Inhibitors in Alzheimer's Disease. *Indonesian Journal of Biological Pharmacy*. 3(2). <https://doi.org/10.24198/ijbp.v3i2>
- Competition:
 2023. Funding Awardee of 36th Pekan Kreativitas Mahasiswa Riset-Eksakta (PKM-RE) by Universitas Padjadjaran

Experience

Pharmacy Internship at Puskesmas Panglayungan – Tasikmalaya, Jawa Barat Apr 2026 – Present
Pharmacy Intern

- Assist in prescription screening and dispensing services, provide drug information and patient counseling, and support rational drug use in primary healthcare services

Praktik Kerja Profesi Apoteker (PKPA) at

- Apotek Medika Antapani – Bandung, Jawa Barat** Oct 2025
Pharmacy Intern
 - Provide dispensing services, drug information, and patient counseling
- Balai Besar POM di Bandung – Bandung, Jawa Barat** Sep 2025
Pharmacy Intern - Microbiology Laboratory
 - Perform microbiological analysis of food, pharmaceutical products, traditional medicines, cosmetics, and health supplements samples
- PT Merck Tbk – Pasar Rebo, Jakarta Timur** Jul 2025 – Aug 2025
Analytical Development Intern
 - Conduct dissolution testing using dissolution testers and UV-Vis spectrophotometry, and perform additional analytical studies using HPLC
- RSUD Bandung Kiwari – Bandung, Jawa Barat** May 2025 – Jun 2025
Pharmacy Intern
 - Perform prescription review and pharmaceutical services including dispensing, drug information provision (PIO), patient counseling, therapeutic drug monitoring (PTO), and monitoring of drug side effects (MESO)

In Vitro and In Silico Study of <i>Erythrina subumbrans</i> (Hassk.) Merr. at Faculty of Pharmacy, Universitas Padjadjaran – Jatinangor, Jawa Barat <i>Research Assistant</i> Assist in in vitro tests using a UV-vis spectrophotometer and in silico tests with molecular docking	Aug 2024 – Dec 2024
Validation of Analytical Method at Department of Pharmaceutical Analysis and Medicinal Chemistry – Jatinangor, Jawa Barat <i>Laboratory Assistant</i> Guide the practice with modules: optimization and validation of the analysis method using HPLC	Aug 2024 – Dec 2024
Education on The Use of Jahe Emprit to Prevent Stunting at Dusun Cijoho, Desa Parakanmanggu – Pangandaran, Jawa Barat <i>Educator</i> Socialization and training on the use of Jahe Emprit, as well as its planting	Jan 2024 – Feb 2024
Identification of Active Substances and Separation Basics at Department of Pharmaceutical Analysis and Medicinal Chemistry – Jatinangor, Jawa Barat <i>Laboratory Assistant</i> Guide the practice with modules: identification of salts, functional groups, substances separation using LLE method	Feb 2023 – Jun 2023
Seminar Nasional Pharmacopeia at Universitas Padjadjaran – Bale Sawala, Jatinangor, Jawa Barat <i>Deputy Head of Transportation and Logistics Division</i> Responsible for planning and coordinating the transportation and logistics aspects	Apr 2023 – Dec 2023
Volunteering at Gempa Bumi Cianjur <i>Pharmacist Assistant – RSUD Sayang, Cianjur, Jawa Barat</i> Assist pharmacists in filling prescriptions	Nov 2022
Zero to Hero : Bebas Stunting Webinar <i>Operator – Online Meeting</i> Responsible for the technical execution and smooth delivery of the online event	Nov 2021

Skills

Soft Skills: Teamwork, Time Management, Critical Thinking, Problem Solving, Leadership, Communication

Hard Skills: Microsoft Office, Google Workspace, Canva

Language: Bahasa Indonesia (Fluent), English (TOEFL score 563)

Computer: Molecular Docking Software (AutoDock) and Molecular Dynamics Software (Gromacs)