

JASMINE CALISTA AMANAH

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PROFILE SUMMARY

Pharmacy graduate and Pharmacist Professional Program Student at Universitas Padjadjaran, passionate about Product Development, Regulatory Affairs, and Product Executive. Equipped with strong analytical, communication, and project management skills, with experience in product knowledge development, literature evaluation, and regulatory assessment to support innovative and compliant pharmaceutical.

PROFESSIONAL EXPERIENCE

Pharmacy Internship

RSUD Welas Asih

Baleendah
Mar-Apr 2026

- Conducted Medication Therapy Management (MTM) for up to 20 hospitalized patients monthly, identifying Drug-Related Problems (DRPs), medication errors, and potential adverse drug reactions through comprehensive medication reviews.
- Evaluated and dispensed more than 75 prescriptions while ensuring medication appropriateness, patient safety, and compliance with hospital pharmaceutical standards.
- Supported medication safety initiatives by evaluating 76 High Alert Medications (HAMs), performing aseptic cytostatic preparation, and participating in clinical activities including ward rounds, drug information services, and Health Promotion on the Use of Osteoporosis Medications

Pharmacy Internship

PT. Meprofarm Pharmaceutical Industries

Bandung
Jan-Feb 2026

- Completed training in Pharmaceutical Quality Systems (PQS), including excipient risk assessment, sterile manufacturing, and data integrity. Conducted trend analysis of 1,242 change controls and reviewed SOPs against pharmacopeial requirements to support QA compliance.
- Conducted literature and pharmacopeial reviews on 100+ APIs and excipients, evaluating solubility, stability, pKa, hygroscopicity, particle size, compatibility, regulatory status, and formulation functionality, then organized the findings into a formulation knowledge database.
- Completed a one-week Business Development rotation by developing evidence-based promotional materials, including 4 product brochures, 2 medical memos, and 3 Patient Information Leaflets (PILs), to support product communication, patient education, and the rational use of medicines.
- Prepared and delivered product presentations for Vosteon, and conducted literature reviews for two pharmaceutical products, join support internal product training for Meprothion SA.

Pharmacy Internship

Apotek Medika Antapani

Bandung
Dec 2025

- Performed a pharmacy feasibility study covering market analysis, SWOT assessment, business planning, procurement evaluation, and financial analysis, including 5-year projections, payback period, and ROI estimation.
- Evaluated and dispensed more than 75 prescriptions while ensuring prescription appropriateness, accuracy, and patient safety; also performed prescription screening (Administrative, Pharmaceutical & Clinical Review) and provided patient counseling and self-medication services.
- Performed administrative screening for PRB patients and analyzed the availability of 188 PRB medicines, identifying therapeutic category gaps to support inventory evaluation.

Pharmacy Internship

Balai Besar Pengawas Obat dan Makan (BBPOM) Bandung

Bandung
Nov 2025

- Participated in analytical method evaluation, validation, and verification for 50+ cosmetic samples, supporting testing workflows from sample preparation and laboratory analysis to data interpretation and report preparation.
- Reviewed cosmetic regulations, including ASEAN Cosmetic Directive (ACD) and BPOM requirements, using a juridical comparative method to analyze differences in notification procedures, labeling requirements, product definitions, and claims.
- Reviewed analytical methods for methanol and arsenic heavy metal testing, as well as the working principles of Gas Chromatography and Atomic Absorption Spectrophotometer, using pharmacopeial references and scientific literature.

Facilitator PKM-RE PKM Center UNS (Head of Facilitator Research)***Direktorat Kemahasiswaan UNS***

- Organized 5+ PKM training sessions and coordinated research mentoring with 15 supervising lecturers as the Person in Charge (PIC).
- Actively mentored more than 30 teams to encourage the development of critical thinking, collaborative skills, and the ability to systematically analyze and solve problems.
- Conducted administrative review and evaluation of 1,000+ university-level PKM proposals in collaboration with faculty members responsible for content evaluation.

Surakarta
Mar 2024 – Jan 2025

Laboratory Teaching Assistant | Pharmaceutical Technology & Pharmaceutical Chemistry Laboratories***Laboratorium Teknologi Farmasi & Kimia Farmasi***

- Assisted 70+ students in pharmaceutical technology, biopharmaceutics, sterile and non-sterile formulation, pharmaceutical analysis, and analytical chemistry practicums while ensuring compliance with Good Laboratory Practice (GLP).
- Provided technical guidance in preformulation, aseptic compounding, dissolution testing, UV-Vis spectrophotometry, Atomic Absorption Spectrophotometry (AAS), Gas Chromatography (GC), Thin-Layer Chromatography (TLC), and classical titrimetric methods.
- Supported laboratory operations, data interpretation, and practical assessments, strengthening students' technical competencies and reinforcing the application of Critical Quality Attributes (CQAs) and pharmaceutical quality principles.

Surakarta
Jan 2024– June 2025

EDUCATION

Universitas Padjadjaran
Pharmacist Professional Program, GPA : 3.84/4.00

Sumedang
Aug 2025– Now

Universitas Sebelas Maret
Bachelor of Pharmacy, GPA : 3.76/4.00 (3,5 years)

Surakarta
Aug 2021 – Dec 2024

ORGANIZATIONAL & VOLUNTARY EXPERIENCE**Staff of Social Services*****Himpunan Mahasiswa Farmasi (HMF) FMIPA UNS***

- Developed and organized community service programs, including blood donation drives, hamlet empowerment, orphanage activities, and drug information campaigns.
- Gained confidence and improved public speaking abilities by serving as an MC in multiple events.
- Demonstrated strong organizational skills by coordinating logistics, creating event schedules, and ensuring successful delivery.

Surakarta
Jan 2022 – Jan 2024

PROJECT**Research on Modification of Orally Disintegrating Prolonged Action Tablets Based on Metformin Microencapsulation as a Solution Problem in Diabetes Mellitus Therapy**

Surakarta
Jan – Oct 2023

- Designed, formulated, and characterized a microparticle drug delivery system using Design Expert® 11 and Design of Experiments (DoE) methodology to optimize formulation performance, including entrapment efficiency, drug loading, and particle size characteristics.
- Performed in vitro dissolution and in vivo pharmacokinetic evaluations of prolonged-release metformin HCl ODT formulations using simulated gastrointestinal models and Wistar rats under approved ethical standards.
- Contributed to the preparation and scientific writing of a peer-reviewed journal manuscript, published under DOI: <https://doi.org/10.22146/ijp.10287>, including literature review, data interpretation, and manuscript formatting in accordance with journal submission guidelines.

Undergraduate Thesis Research - Optimization of Sustained Release Microparticles Containing Metformin HCl Based on Drug Concentration and Drug-to-Polymer Ratio Using 2² Factorial Design

Surakarta
July – Dec 2024

- Developed, optimized, and characterized metformin HCl microparticle formulations using a 2² factorial design approach to evaluate formulation variables and assess critical quality attributes, including drug loading, encapsulation efficiency, and particle size distribution following a Quality by Design (QbD) approach.
- Applied Design Expert® Version 11 for statistical modeling, formulation optimization, and experimental validation.

- Gained in-depth understanding of controlled drug delivery systems, formulation optimization techniques, and the application of statistical design in pharmaceutical development.

HONORS & AWARDS

- Speaker at the FLS X LKMMMD event by the BEM Faculty of Mathematics and Natural Sciences about Program Kreativitas Mahasiswa (PKM). **Oct 2024**
- Member in PIMNAS 2023 (PKM-RE) by title "Modification of Orally Disintegrating Prolonged Action Tablets Based on Metformin Microencapsulation as a Solution Problem in Diabetes Mellitus Therapy" at Universitas Padjajaran. **Nov- Dec 2023**
- Member in PKM-RE funding group by title "Modification of Orally Disintegrating Prolonged Action Tablets Based on Metformin Microencapsulation as a Solution Problem in Diabetes Mellitus Therapy" funded by Direktorat Pembelajaran dan Kemahasiswaan, Direktorat Jenderal Pendidikan Tinggi, Riset, dan Teknologi, Kementrian Pendidikan, Kebudayaan, Riset, dan Teknologi. **June – Oct 2023**

SKILLS

- **Soft Skills:** Public Speaking, Leadership, Team Work, Adaptive, Commitment, Analytical Thinking, Attention to Detail, Problem Solving, Cross-Fuctional Collaboration, GMP, Document Control, GLP, Basic Understanding of Product Presentation.
- **Software Skill :** Microsoft Word, Microsoft Excel, Microsoft Power Point, Desain Expert 11, GraphPad
- **Languages:** Indonesia, English.