

Rizki Abdurochman Assidik

Pharmacist (Apothecary)

Ciamis, Jawa Barat | +62 85156112457

rizkiabdas@gmail.com | www.linkedin.com/in/rizki-abc



PROFESSIONAL SUMMARY

Pharmacist with practical experience in pharmaceutical quality evaluation, including physical product testing, assay determination, stability testing, and quality documentation. Experienced in evaluating liquid, semi-solid, and solid dosage forms and supporting pharmaceutical product quality assessment. Familiar with CPOB principles, quality control, in-process control, and pharmaceutical documentation. Strong analytical thinking, attention to detail, problem-solving, and data analysis skills.

EDUCATION

Apothecary Program – Bakti Tunas Husada University (2025–2026) GPA: 4.00/4.00

Bachelor of Pharmacy – Bakti Tunas Husada University (2021–2025) GPA: 3.75/4.00

Vocational High School in Pharmacy – Pasundan Kawali (2018 – 2021)

INDUSTRIAL EXPERIENCE

Pharmaceutical Industry Internship (PKPA) – Research & Development

PT. Mecosin Indonesia | 2025

- Conducted physical testing and assay determination of liquid, semi-solid, and solid dosage forms to evaluate product quality against established specifications.
- Performed stability testing and monitoring to assess product stability and maintain quality throughout the storage period.
- Supported packaging compatibility studies and validation activities to ensure product quality was maintained in contact with packaging materials.
- Participated in laboratory- and pilot-scale formulation trials for syrup, tablet, traditional medicine, and multivitamin dosage forms to support formulation development and optimization.
- Supported process validation and revalidation activities to ensure consistent and reproducible manufacturing processes.
- Prepared pharmaceutical registration documentation to support regulatory submissions and compliance requirements.

Pharmaceutical Distribution Internship (PKPA)

PT. Bina San Prima Tasikmalaya | 2026

- Learned the implementation of Good Distribution Practices (CDOB) to support proper storage, handling, and distribution of pharmaceutical products.
 - Supported product storage and documentation activities to ensure product traceability and compliance with established procedures.
 - Supported activities related to patient safety principles to maintain product quality throughout the distribution process.
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PRODUCT DEVELOPMENT & RESEARCH EXPERIENCE

Undergraduate Thesis Research | 2025

"In Silico Study of Secondary Metabolites from Purple-Orange Sweet Potato (Ipomoea batatas L.) Leaf Subfractions as Antioxidants"

- Investigated secondary metabolites as potential antioxidant and NADPH oxidase (NOX) inhibitor candidates using computational approaches.
- Performed molecular docking and 100 ns molecular dynamics simulations to evaluate binding interactions and complex stability.
- Conducted drug-likeness, ADMET, and toxicity prediction of selected compounds.
- Identified Tangeritin as the most promising candidate based on its overall computational profile.

Program Kreativitas Mahasiswa (PKM) – Research Project Research-Exact Category (Funded Project) | 2024

Project Title:

"Efficacy and Effectiveness of a Lotion Formulation Combining Skipjack Tuna Bone Nanocollagen and Zeaxanthin as an Anti-Aging Agent for Skin"

- Developed a topical lotion formulation combining nanocollagen and zeaxanthin as potential anti-aging active ingredients.
- Conducted literature review and supported formulation development and physical evaluation.
- Participated in experimental planning, data analysis, and scientific documentation.
- Contributed to research reporting and presentation of project findings.

CORE COMPETENCIES

Quality Control

- Physical Product Testing
- Assay & Content Determination
- Quality Evaluation
- Stability Testing
- Quality Control
- In-Process Control
- Pharmaceutical Testing

Quality & Compliance

- CPOB Principles
- Pharmaceutical Quality Management

- Quality Documentation
- Technical Documentation

Research & Professional

- Scientific Literature Review
- Research & Data Analysis
- Problem-Solving
- Analytical Thinking
- Technical Documentation
- Cross-Functional Collaboration

TECHNICAL SKILLS

- Pharmaceutical: Assay Determination by Titration, Physical Product Testing, Formulation Trials, Stability Testing, Packaging Compatibility Evaluation
- Computational Research: Molecular Docking (AutoDock, PyRx, Discovery Studio, MarvinSketch), Molecular Dynamics (Desmond), Drug-Likeness & ADMET Analysis
- Research: Scientific Literature Review, Data Analysis, Scientific Reporting
- Software: Microsoft Office

PERSONAL STRENGTHS

- Analytical Thinking
 - Detail-Oriented
 - Problem-Solving
 - Research-Oriented
 - Adaptability
 - Teamwork & Collaboration
 - Continuous Learning
 - Strong Work Ethic
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ACHIEVEMENTS

- **Academic Scholarship Recipient for 1 Semesters**
- **Fully Funded National Research Grant (PKM-RE 2024)**

Research Project: *"Efficacy and Effectiveness of a Lotion Formulation Combining Skipjack Tuna Bone Nanocollagen and Zeaxanthin as an Anti-Aging Agent for Skin"*

ORGANIZATIONAL EXPERIENCE

Head of Entrepreneurship Division – HIMAFAR

2024–2025

- Led and coordinated entrepreneurship programs and team activities to support organizational initiatives.
- Managed the sales of laboratory coats, medical equipment, and PDH uniforms as sources of organizational funding.
- Successfully secured sponsorships to support organizational events and activities.
- Developed leadership, communication, negotiation, teamwork, and organizational management skills.

Chairperson of Student Representative Council (MPK)

SMK Farmasi Pasundan Kawali | 2019–2020

- Led the student representative organization and coordinated members in carrying out organizational programs.
- Coordinated student activities and supported communication between students and school management.
- Facilitated discussions, decision-making, and evaluation of student programs.
- Developed leadership, communication, teamwork, and problem-solving skills.