

Regina Nababan

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Depok, West Java, Indonesia

PROFESSIONAL SUMMARY

Master of Pharmacy graduate from Universitas Indonesia with hands-on experience in pharmaceutical bioanalysis, analytical method development, optimization, and validation. Experienced in LC-MS/MS-based analysis, chromatographic optimization, sample preparation, quantitative data analysis, and scientific documentation. Conducted analytical method validation involving calibration, accuracy, precision, recovery, matrix effect, and stability evaluation, with data processing using MassLynx. Familiar with pharmaceutical laboratory practices and analytical instrumentation through research and hands-on laboratory training. Detail-oriented, analytical, adaptable, and eager to contribute to analytical development and pharmaceutical R&D.

EDUCATION

Universitas Indonesia

Master of Pharmacy GPA: 3.85/4.00

2024 - 2026 | Depok, Indonesia

Thesis: Optimization and Validation of Analytical Methods for Rivastigmine and β -Carotene Using UPLC-MS/MS in Rat Brain Tissue Matrix

STIFARM Padang

Bachelor of Pharmacy GPA: 3.46/4.00

2018 – 2022 | Padang, Indonesia

RESEARCH EXPERIENCE

Master's Thesis Research – Pharmaceutical Analysis & Bioanalysis

Universitas Indonesia | 2025–2026

- Developed and optimized an UPLC-MS/MS analytical method for quantitative determination of pharmaceutical compounds in biological matrices.
- Evaluated chromatographic conditions and sample preparation procedures to improve analytical performance.
- Conducted analytical method validation covering calibration, accuracy, precision, recovery, matrix effect, and stability.
- Performed quantitative data processing and analytical result interpretation using MassLynx.

- Prepared analytical data, experimental records, and scientific documentation in accordance with established bioanalytical validation principles.

Research Project Member

Universitas Indonesia | Riset Kolaborasi Indonesia (RKI)

Jun 2025 - Dec 2025 | Depok, Indonesia

- Contributed to a multidisciplinary pharmaceutical research project involving product development and analytical evaluation, and experimental research.
- Assisted in analytical method development and chromatographic optimization for pharmaceutical compound analysis.
- Performed sample preparation, analytical measurements, and quantitative data interpretation.
- Conducted literature reviews to support experimental planning, analytical approaches, and research decisions.
- Prepared scientific documentation and participated in experimental planning, laboratory coordination, and research discussions.

Laboratory Assistant – ASF Laboratory | Faculty of Pharmacy, Universitas Indonesia

2025 | Depok, Indonesia

- Supported laboratory activities and practical sessions in a structured academic environment.
- Maintained documentation and organized activities according to established procedures.
- Communicated technical information clearly to support learning and laboratory activities.

PROFESSIONAL EXPERIENCE

Pharmacy Assistant

Kimia Farma Bali

Jan 2024 - Jul 2024 | Bali, Indonesia

- Supported daily pharmaceutical operations with attention to accuracy, proper handling of pharmaceutical products, and adherence to established procedures.
- Supported documentation and routine pharmaceutical operations while maintaining accuracy and service quality.
- Collaborated with pharmacy team members to maintain efficient workflow.

LEADERSHIP EXPERIENCE

President of Student Executive Board (BEM) | STIFARM Padang

Jan 2021 – Dec 2021

- Led student programs, coordinated team members, managed priorities, and collaborated with internal and external stakeholders.
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COMMUNITY & SPEAKING EXPERIENCE

Karimunjawa Sehat Ceria 2026 | Community Empowerment Program

Event Division & Speaker | Karimunjawa, Indonesia | 2026

- Supported event planning and execution in collaboration with team members.
 - Delivered educational content on coconut oil and seaweed processing and packaging to community participants.
 - Adapted communication and presentation approach based on audience needs and engagement.
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PUBLICATIONS

First Author – International Journal Publication

Nababan, R., Harahap, Y., & Saputri, F.A. (2026). *Bioanalytical Determination of Rivastigmine in Biological Matrices and Its Relevance to Pharmacokinetic and Therapeutic Monitoring: A Review.* **Pharmacia, 73, e191017. Scopus Q2 – Pharmacy.**

SCHOLARSHIPS & ACHIEVEMENTS

- **LPDP Scholarship Awardee** – Master of Pharmacy, Universitas Indonesia, 2024–2026
 - **Peningkatan Prestasi Akademik (PPA) Scholarship Awardee** – Selected among 18 students based on academic achievement and highest GPA, 2018/2019
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TRAINING & TECHNICAL EXPOSURE

Pharmaceutical Bioanalysis Training – Universitas Indonesia × Daewoong Foundation
Feb 2025 – Jun 2025

- Hands-on training in pharmaceutical bioanalysis and analytical laboratory techniques.
- Performed practical analysis using HPLC, GC-FID, FTIR, CD Spectrometry, DLS, and Polarimeter.
- Performed bioanalytical techniques including ELISA, SDS-PAGE, basic cell culture, and Bradford assay.

- Applied laboratory procedures, sample handling, analytical measurements, and scientific data interpretation.

CORE COMPETENCIES

Analytical Techniques: UPLC/LC-MS/MS | HPLC | GC-FID | FTIR | DLS | CD Spectrometry | Polarimeter

Analytical Development: Analytical Method Development | Method Optimization | Analytical Method Validation | Chromatographic Optimization | Sample Preparation | Calibration | Accuracy | Precision | Recovery | Matrix Effect | Stability Evaluation

Data & Documentation: MassLynx | Microsoft Excel | Quantitative Data Analysis | Analytical Data Interpretation | Scientific Documentation | Laboratory Documentation | Literature Review

Laboratory Techniques: ELISA | SDS-PAGE | Basic Cell Culture | Bradford Assay