



DIONISIUS ERIKO CHIESA

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Aspiring pharmacist with strong interest in pharmaceutical research and development, particularly in drug formulation, bioequivalence, and product development. Experienced in experimental research, literature analysis, and feasibility studies, with hands-on exposure in laboratory techniques and industry-based product evaluation.

Work Experiences

Laboratory of Experimental Pharmacology and Toxicology - Universitas Gadjah Mada

Feb 2022 - Feb 2023

Laboratory Teaching Assistant

Assisted in conducting experimental pharmacology and toxicology laboratory sessions, guiding students in performing laboratory techniques and experimental procedures. Responsible for preparing reagents, materials, and experimental setups, as well as ensuring proper use of laboratory equipment and adherence to safety protocols. Supported data observation and basic analysis in pharmacological experiments while maintaining compliance with laboratory standards and workflows.

Drug Targeting & Personalized Medicine Research Center – Universitas Gadjah Mada - Yogyakarta, Indonesia

Nov 2023 - May 2024

Research Assistant (Academic Project)

Conducted undergraduate thesis research investigating the effects of TGF- β and testosterone on insulin resistance mechanisms and glucose metabolism in skeletal muscle using C2C12 cell model. Performed cell culture techniques including aseptic handling, maintenance, passaging, cell counting, and differentiation into myotubes. Developed in vitro insulin resistance model using palmitic acid induction and treatment evaluation with TGF- β , testosterone, and insulin. Executed glucose uptake assay using anthrone reagent and spectrophotometric measurement. Performed RNA isolation, RNA quantification, cDNA synthesis, primer designing, and qRT-PCR for Glut4 gene expression analysis. Investigated GLUT4 regulation and PI3K/AKT-related insulin signaling pathways associated with skeletal muscle glucose metabolism. Conducted statistical analysis using ANOVA, Tukey HSD, and SPSS.

Novell Pharmaceutical Laboratories - Special Capital Region of Jakarta

Apr 2025 - May 2025

Business Development Internship

Supported pharmaceutical product development activities by conducting feasibility studies, patent searches, and comparator analysis for several product candidates. Evaluated existing products in the market in terms of dosage form, indication, and positioning to identify potential opportunities for new product development.

Assisted in reviewing scientific and regulatory aspects of drug development, including bioequivalence considerations, formulation comparison, and regulatory requirements for drug registration (CTD overview). Participated in analyzing product concepts to ensure alignment with clinical needs, regulatory standards, and market competitiveness.

Gained hands-on exposure to cross-functional processes in the pharmaceutical industry, integrating scientific evaluation, regulatory compliance, and business strategy in supporting successful product development and commercialization.

Puskesmas Minggir - Special Region of Yogyakarta, Indonesia

Sep 2024 - Nov 2024

Internship

Performed prescription screening to ensure appropriate drug selection, dosage, and safety. Identified drug-related problems (DRPs) and supported rational drug use, while contributing to drug utilization monitoring and basic forecasting activities.

Swipe Rx - Special Capital Region of Jakarta

Nov 2024

Internship

Gained exposure to Good Distribution Practices (CDOB) and pharmaceutical supply chain processes. Observed quality management systems including CAPA and risk management, and supported inventory planning and regulatory documentation.

Apotek UGM - Special Region of Yogyakarta, Indonesia

Nov 2024 - Dec 2024

Internship

Conducted prescription screening and ensured safe medication dispensing. Provided patient counseling to improve adherence and appropriate drug use, and supported inventory monitoring to maintain drug availability.

RSUD Prof. Dr. Margono Soekarjo - Purwokerto, Central Java

Feb 2025 - Mar 2025

Internship

Conducted medication review and identified potential drug-related problems (DRPs). Participated in patient therapy monitoring and

multidisciplinary collaboration, contributing to evidence-based therapy optimization under supervision.

Eka Hospital - Jakarta, Indonesia
Person in Charge Emergency Room Pharmacy
Conduct medication review and identify drug-related problems (DRPs) to support safe and effective therapy. Collaborate with healthcare professionals in therapy optimization and clinical decision-making. Ensure rational drug use through evidence-based evaluation of prescriptions and manage pharmaceutical supplies to maintain continuity of care in emergency settings.

Oct 2025 - Present

Education Level

Universitas Gadjah Mada - Yogyakarta, Indonesia
Undergraduate Pharmacy, 3.47/4.00

- Runner up in the pharmaceutical counseling and education video competition, Pharmacorps, Military Pharmacy Faculty, Indonesian Defense University 2022
- Part of the research team in a project at the Research Center for Drug Targeting and Personalized Medicine, Faculty of Pharmacy, Universitas Gadjah Mada, Yogyakarta, Indonesia.

Sep 2020 - Jul 2024

Universitas Gadjah Mada - Yogyakarta, Indonesia
Professional Degree Pharmacist, 3.85/4.00

- Internship at Puskesmas Minggir, Swipe Rx Jakarta, Apotek UGM, RSUD Prof. Dr Margono Soekarjo, and Novell Pharmaceutical Laboratories

Aug 2024 - Aug 2025

Organisational Experience

Christian Student Family, Faculty of Pharmacy - Yogyakarta, Indonesia
Vice Chairman
An organization that accommodates Christian & Catholic students, Faculty of Pharmacy, Gadjah Mada University

Jan 2022 - Jan 2023

PPSMB Papyrus design, decoration and documentation division - Yogyakarta, Indonesia
Staff
Welcoming committee for new students at the Faculty of Pharmacy, Gadjah Mada University

- Designer, executor, editor and documentation for 2 days welcoming frehsman

Mar 2023 - Aug 2023

Pharmacious - Yogyakarta, Indonesia
Staff and Coordiantor equipment division
National Pharmaceutical Event Presented by Faculty of Pharmacy Gadjah Mada University

- Preparing the venue, equipment, tools, as well as the main and supporting needs required during the competition and seminar events.

May 2021 - Oct 2023

Pharmacy Knowledge Channel - Yogyakarta, Indonesia
Staff
The Knowledge and Information Channel of the Faculty of Pharmacy at UGM is committed to becoming a source of knowledge and information that is beneficial to users in improving the public health status.

- Concept creator, editor, and executor in carrying out activities such as live streaming, podcast production, creating educational media, and others at Faculty of Pharmacy Gadjah Mada University

May 2021 - May 2026

Student Community Service - Pacitan, East Java
Medical Division
The Community Service Program (KKN) in the medical division focuses on providing healthcare education, preventive measures, and basic medical assistance to communities. This division plays a crucial role in promoting public health by conducting health screenings, disease prevention campaigns, and counseling sessions on hygiene, nutrition, and medication use. By collaborating with local healthcare facilities, medical students help improve community well-being while gaining practical experience in public health and patient care.

Jun 2023 - Aug 2023