

PROFILE

I am a bachelor of science at University of Andalas majoring in chemistry. I pursue the field of expertise in physical chemistry and computational chemistry, particularly in the theoretical analysis of drug-like compounds. Skilled in data interpretation, molecular docking, and toxicity prediction. Experienced in laboratory work, quantitative analysis, and academic coordination with a strong commitment to precision, research integrity, and teamwork. I am accustomed to working in teams and independently can also complete scientific research as a final project.



EDUCATION

Bachelor of Science in Chemistry

Universitas Andalas, Padang

2020-2024

GPA : 3,44/4,00

Thesis title :

Theoretical Study of Antioxidant Activity, Toxicity, Drug Score, and Molecular Docking of Triazol Derivative Compounds

RESEARCH & LAB EXPERIENCE

Laboratory Assistant – Department of Chemistry, Universitas Andalas

2023-2025

(Coordinator : Physical Chemistry | Vice Coordinator : Chemical Kinetics and Catalysis)

- Assisted in teaching and supervising laboratory sessions for Physical Chemistry and Chemical Kinetics courses.
- Coordinated a team of assistants to ensure accuracy, safety, and compliance with laboratory SOPs.
- Conducted quantitative and instrumental analyses while guiding students in experimental data processing.
- Assisted in reagent preparation and calibration of analytical instruments.
- Strengthened leadership, teamwork, and problem-solving skills through lab coordination responsibilities

Undergraduate Researcher – Computational Chemistry Project

2023-2024

- Conducted molecular docking simulations and theoretical antioxidant analysis on triazole derivatives.
- Evaluated physicochemical and biological parameters for drug-likeness prediction.

ORGANIZATIONAL EXPERIENCE

Coordinator - Academic Studies Division (Himpunan Mahasiswa Kimia Universitas Andalas)

2023

- Led 7 academic program to enhance student's scientific and competitive abilities.
- Provided training and guidance on academic competitions and research skills.

SKILLS AND LANGUAGE

Hard skills

- Analytical & Physical Chemistry Techniques
- Quantitative and Qualitative Analysis
- Molecular Docking & Computational Chemistry
- Drug-Likeness & Toxicity Prediction
- Data Processing & Statistical Analysis
- Instrumental Analysis (XRF, UV-Vis, FTIR, Polarimeter Conductometer, pH meter, Multimeter)
- Preparation and Standardization of Solutions
- Laboratory Safety and Good Laboratory Practice (GLP)
- Scientific Data Interpretation and Technical Writing
- Teaching, Mentoring, and Laboratory Demonstration

Soft Skills

- Leadership & Laboratory Team Coordination
- Critical and Analytical Thinking
- Accuracy, Detail Orientation & Discipline
- Communication & Scientific Presentation
- Research Planning and Problem Solving
- Time and Task Management
- Collaboration in Academic and Research Project

Language : Bahasa(Native), English(Intermediate – Upper-Intermediate)