

IRFAN FAJRIALDY RACHMAN

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Jatisampurna, Bekasi, 17435

Biochemistry graduate from Institut Pertanian Bogor (IPB) with an interest in the biomedical field. Capable of communicating and working well within a team. Eager to continue learning new things and contributing to the team's success. Gained internship experience at Balai Perakitan dan Pengujian Tanaman Rempah, Obat, dan Aromatik (BRMP-TROA), a government research institute focused on medicinal and aromatics plants under the Indonesia Ministry of Agriculture.

Education

Institut Pertanian Bogor (IPB) – Bogor, Indonesia

Aug 2021 – Aug 2025

Bachelor of Biochemistry (S.Si), 3.36/4.00

- Thesis: Antioxidant Capacity and Pancreatic Lipase Inhibition of Combination of Cat's Whiskers Leaves (*Orthosiphon aristatus*) and Guava Leaves (*Psidium guajava*) In Vitro
- Possess basic/foundational laboratory skills, including pipetting, measuring, and lab glasswares handling. Capable of operating some biochemistry related instruments such as Rotary Evaporator, Spectrophotometer/Nano-spectrophotometer, and Bath Sonicator/Ultrasonic Cleaner. Mindful of laboratory safety standards and committed to adhering to all established protocols.

Work and Professional Experiences

Balai Perakitan dan Pengujian Tanaman Rempah, Obat, dan Aromatik (BRMP-TROA) – Bogor, Indonesia

July 2023

Laboratory Assistant Intern

- Assisted the laboratory chemical analyses, including:
 1. Phytochemical screening: Performed sample filtration and secondary metabolites detection using reagents.
 2. Moisture analysis: Performed with oven-drying method using oven, desiccator, and analytical balances.

Skills

Technicals : Microsoft Office (Word, Excel, PowerPoint), Canva

Softskills : Critical Thinking, Adaptability, Communication, Teamwork

Languages : Bahasa Indonesia (Native), English (Intermediate)