



Whika Dewatisari

Lecturer, Associate Professor | PhD in Microbiology

📷 @whikadewatisari

🌐 whika.dewatisari

✉ whika@ecampus.ut.ac.id

🌐 whika.de

About Me

I'm Whika Dewatisari, an Associate Professor and dedicated lecturer at Universitas Terbuka, with over a decade of academic experience. I am passionate about empowering students to achieve their fullest potential through accessible and inclusive education.

My teaching philosophy is centered around creating an engaging and supportive learning environment where students feel confident to ask questions, express ideas, and collaborate. I believe education should be both inspiring and transformative — helping learners not only gain knowledge but also develop critical thinking and lifelong learning skills.

Outside the classroom, I actively contribute to academic journals as an editorial board member in the field of plant phytochemistry. I'm also committed to research that explores the intersection of microbiology and natural product chemistry.

Education

2018 – 2022 | Universitas Gadjah Mada

Doctorate in Microbiology

Dissertation: Study of the potential extracts of *Sansevieria trifasciata* and *Sansevieria cylindrica*: Cellular and molecular antibacterial mechanisms

2007 – 2009 | Universitas Sebelas Maret

Master's Degree in Bioscience

Thesis: Anatomical, secondary metabolite, and molecular tests on *Sansevieria trifasciata*

2002 – 2007 | Universitas Sebelas Maret

Bachelor's Degree in Biology

Thesis: Effect of nauplii stocking density using juwi fish silage on the biomass of *Artemia franciscana*

Experience

2024 – Present | Universitas Terbuka Yogyakarta

Academic Staff

Teaching undergraduate and graduate courses in microbiology and biotechnology.

2022 – Present | Horizon e-Publishing Group

Editorial Board Member – Plant Phytochemistry

Reviewing manuscripts and advising on journal strategy.

2022 – 2024 | Universitas Terbuka Lampung

Manager of Learning Assistance and Teaching Materials Services

Oversaw development of digital and print teaching materials for distance learning.

2018 – 2022 | Universitas Gadjah Mada

PhD Candidate

Conducted dissertation research and assisted with undergraduate instruction.

2015 – 2018 | Universitas Terbuka Lampung

Manager of Tutorials and Teaching Materials

Coordinated tutorial sessions and updated curriculum content.

2008 – 2015 | Universitas Terbuka Lampung

Academic Staff

Lectured in biology courses and mentored student research projects.

Skills & Expertise

- </> Microbial genetics and molecular biology
- </> Natural product extraction and analysis
- </> Academic writing and peer review
- </> Distance education and curriculum development
- </> Statistical analysis (R, SPSS)