

RESEARCH TOPIC

1 Ethnomedicine

WE, RW, SK, AW, SC, NP, RH

This research team conducts ethnomedicine studies to document Indonesian traditional healing practices and to identify the botanical diversity of medicinal plants used. The studies carried out include ethnomedical investigations for postpartum care, musculoskeletal pain (osteoarthritis), diabetes mellitus, and aphrodisiacs among various Indonesian ethnic groups, such as the Tengger, Madura, Samin, Dayak, Sasak, Sikka, Moi, Komering, Ambon, Gorontalo, and Osing tribes.

2 Natural Product Drug Discovery

RW, AW, TSW, SC, NP, RH

This research team designs methods for identifying bioactive compounds and evaluates the efficacy of extracts, fractions, or isolates through in silico approaches (virtual screening), enzyme activity assays, and cell-based bioactivity assays.

3 Isolation & Structure Elucidation

AFH, AW, SC, TSW

This research team focuses on Isolation and Structure Elucidation of active compounds derived from Indonesian medicinal plants.

4 Clinical Trial

SK, AW, WE, RW, TSW

This research team focuses on designing and conducting clinical trials to ensure the efficacy and safety of Indonesian phytopharmaceutical formulations,

5 Pre-Clinical Study (Bioactivity & Toxicity)

AW, SK, WE, TSW, RW, IK, SC, NP, RH

This research team focuses on conducting bioactivity and toxicity evaluations of natural product extracts, fractions, or active compounds in animal models,

6 Herbal Raw Materials and Products Quality Control

IK, RW, RH

This research team focuses on designing, validating, and developing analytical methods for assessing the quality of raw herbal materials and herbal medicinal formulations. Additionally, the team conducts metabolite profiling to identify marker compounds essential for the standardization and quality control of herbal raw materials.

7 Formulation Development & Drug Delivery System

SK, IK, RW

This research team focuses on developing innovative, safe, high-quality, and efficacious traditional medicinal formulations.



E-ITMED

ETHNOMEDICINE & INDONESIAN TRADITIONAL MEDICINES DEVELOPMENT RESEARCH CENTER

To become a trendsetter and innovative research group in the field of ethnomedicine research and development of new drugs, phytopharmaceuticals, cosmeceuticals, and nutraceuticals at the national and international levels

MEET OUR TEAM



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JOIN US!

- As research collaborators
- As master/PhD student
- As post doctoral student



OUR PRODUCT

**"Elevating Indonesian
Traditional Medicine:
Evidence-Driven, Wisdom-
Powered, World-Class!"**



COLLABORATORS

UNIVERSITIES

Naresuan University, Thailand;
National Chiayi University, Taiwan;
Geneva University, Switzerland;
Hiroshima University, Kobe
University, Tokyo University,
Nagasaki University, Japan;
University Malaya, Universiti
Teknologi MARA, University Putra
Malaysia, Universiti Sains
Malaysia, and other National
Universities

INDUSTRY

PT Balatif, PT ASIMAS, PT Konimex, PT
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Bintang Toejo

OTHER INSTITUTIONS

Badan Riset dan Inovasi
Nasional (BRIN), LIPI, BPOM,
Ministry of Health

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Technology of Republik Indonesia
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- Ministry of Health Indonesia
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- Pharmaceutical Industries