

Workshop on the Potential of Tropical Plants for Health

INTRODUCTION

Universitas Nasional held a Workshop on the Potential of Tropical Plants for Health, in UNAS Tower Auditorium on June 30, 2022, and Citalahab Sentral Village Mount Halimun Salak National Park on July 2-4, 2022. This Workshop is a collaboration of The Center for Botanicals and Chronic Diseases ([CBCD](#)) with Universitas Nasional, Universitas Pancasila, and Universitas Sriwijaya and is supported by NIH Fogarty International Center and Asia-Pacific Network for Global Change Research. This workshop introduced the GIBEX (<https://gibex.org/>) approach for bioexploration, which combines RAMES (RApid Metabolome Extraction and Storage) extraction technology and STN (Screens-to-Nature) bioactivity testing technology. This approach is adapted to be done in the field, does not damage the environment, and quickly allows to detect bioactivities of interest in the collected samples. In this workshop, three activities were carried out: first, exploration and sampling of local plants; second, extraction and immobilization of the metabolome of collected plants using RAMES; and third, testing the antifungal, antibacterial and antioxidant bioactivity of the extracts using STN. Some of the test results could be read on the same day, and some required incubation and were read two days later.

ORGANIZERS

This workshop was organized in collaboration with [The Center for Botanicals and Chronic Diseases](#) with [Universitas Nasional](#), [Universitas Pancasila](#), and [Universitas Sriwijaya](#) and is supported by [NIH Fogarty International Center](#) and [Asia-Pacific Network for Global Change Research](#).

WORKSHOP PARTICIPANTS

The Workshop participants consisted of 5 Experts, 6 Mentor, 13 Trainees, 4 Trainee Candidates, and 9 Organizing Committee.

RUNDOWN

Date	Activity
June 30, 2022 Thursday	Jakarta UNAS Tower Auditorium, Flr.3
09.00-09.05	Welcoming Speech: Dr. Tatang Mitra Setia, M.Si. (Organizing Committee/Mentor)
09.05-09.30	Opening Speech: Prof. Dr. Ernawati Sinaga, M.S., Apt. (Vice Rector for Research, Community Service and Cooperation/CBCD Indonesia)
09.30-10.15	Tropical Plant for Medicinal Purposes Dr. Sri Endarti Rahayu, M.Si.
10.15-11.00	Tropical Macro-Fungi for Medicinal Purposes Dra. Noverita, M.Si
11.00-12.00	Introduction to GIBEX Method Prof. Dr. Ilya Raskin
12.00-13.00	Closing & Lunch
July 2, 2022 Saturday	Citalahab Sentral, Mount Halimun Salak National Park
08.00-15.00	Depart from Jakarta to Citalahab Village
12.00-13.00	Lunch Break
14.00-15.00	Welcome Speech from Head of Research Station of Mt Halimun Salak National Park
15.00-18.00	Explore and stay at the village homestay

Date	Activity
18.00-19.00	Dinner
19.00-20.00	Evening Discussion and Program Introduction (Dr. Tatang Mitra Setia, M.Si; Prof. Dr. Vyacheslav Dushenkov & Local Expert)
20.00-07.00	Break
July 3, 2022 Sunday	Citalahab Sentral, Mount Halimun Salak National Park
07.00-08.00	Breakfast
08.00-09.00	Introduction of GIBEX Method (Dr. Sarah Skubel and Isabel Armas, MS)
09.00-12.00	Plant Exploration & GIBEX Training
12.00-13.00	Lunch Break
13.00-17.00	Plant Exploration & GIBEX Training
17.00-18.00	Rest and coffee break
18.00-19.00	Dinner
19.00-22.00	Discussion (Dr. Sarah Skubel, Isabel Armas, MS, Prof. Dr. Ilya Raskin, Prof. Dr. Vyacheslav Dushenkov)
22.00-07.00	Break
July 4, 2022 Monday	Citalahab Sentral, Mount Halimun Salak National Park
07.00-09.00	Breakfast
09.00-11.00	Free Time
11.00-12.00	Lunch
12.00-21.00	Return to Jakarta

ACTIVITY PHOTOS



Opening Speech



Welcoming Speech



Speaker



Speaker



Speaker



Moderator



