

## Plasmodium Cell Culture

### Background

The development of in vitro research including evaluation on cell lines is a popular one to do at this time. The Pharmaceutical Microbiology Laboratory, University Islam Indonesia has recently been able to build a evaluation facility for cultured cells. The facility does not only focus on cancer cells but also plasmodium as one of the tests that can be carried out. The facility, which has been running for the past two years, is deemed to have the stability to become a reference for testing cultured cells. Therefore, in 2022, the UII Pharmacy Microbiology Laboratory will conduct a workshop that can be attended by anyone. In addition, this workshop will also introduce some of the latest equipment in cell culture facility.

The workshop itself is designed to be carried out on 2 days so that participants can really feel and gain the best experience. The first day will focus on cell preparation and testing, while on the second day participants will focus on the measure of the results. This workshop will be closed with a joint discussion of all participants.

### Time Schedule

#### Friday, 10<sup>th</sup> June 2022

Time	Activities	Venue
08.30-09.00	Registration and opening	Pharmaceutical Microbiology Laboratory
09.01-11.30	<b>Session 1</b> <b>Plasmodium cell:</b> - Introduction and Implementation in advance research - Handling cell	Pharmaceutical Microbiology Laboratory
11.31-13.00	Lunch Break	
13.01-16.00	<b>Session 2:</b> Workshop : Thawing & maintain cell	Pharmaceutical Microbiology Laboratory
16.00-16.15	Closing	Pharmaceutical Microbiology Laboratory

#### Saturday, 11<sup>th</sup> June 2022

Time	Activities	Venue
09.00-11.30	<b>Session 3:</b> Workshop : Evaluation of activity and measurement	Pharmaceutical Microbiology Laboratory
11.30 – 12.00	Tour Laboratory	Pharmaceutical Microbiology Laboratory
12.00-13.00	Lunch Break	Pharmaceutical Microbiology Laboratory

## WORKSHOP-ICPRP 2022

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13.00 – 14.30	Discussion	Pharmaceutical Microbiology Laboratory
14.30 - 15.00	Closing	Pharmaceutical Microbiology Laboratory

### Speaker and Committee:

1. Dr. apt. Arba Pramundita Ramadani (UII)
2. Apt. Sista Werdiyani, M.Biotech (UII)
3. Apt. Arde Toga Nugraha, M.Sc (UII)
4. Nangim Khasanah, Amd
5. Apt. Dian Nida Salsabila, S.Farm
6. External Partner