



MEMORANDUM OF UNDERSTANDING

(MoU)

BETWEEN

HASANUDDIN UNIVERSITY

AND

SPATIAL REPELLENT INSECTICIDE (SPIRIT) FOR MALARIA CONTROL IN SUMBA

Prof. dr. Irawan Yusuf, PhD. Dean of Faculty of Medicine at Hasanuddin University (hereinafter referred to as "FM Unhas") and **Prof. H. M. Dr. dr. Alimin Maidin, MPH.** Dean of Faculty of Public Health at Hasanuddin University (hereinafter referred to as "FPH Unhas") which located at Jl. Perintis Kemerdekaan Km. 10, Tamalanrea- Makassar, 90245.

dr. Din Syafruddin, PhD. The Principal Investigator of Spatial Repellent Insecticide for Malaria Control (SPIRIT) in Sumba (hereinafter referred to as "SPIRIT Sumba"), which center of the project located in Eijkman Institute for Molecular Biology at Jl. Diponegoro No. 69, Jakarta 10430.

Both of them hereinafter referred to as "The Parties", have reached the following understanding and agreement :

Article 1 OBJECTIVE

The objective of this Memorandum of Understanding (MoU) is to explore the possible co-operation between the parties in joint efforts for the execution of SPIRIT Sumba Research Project through the active participation of the academic staffs and graduate students of the FM/FPH Unhas and the principal research team of the SPIRIT Sumba project team that include : dr. Din Syafruddin, PhD., Dr. J. Kevin Baird, Dr. Claus Bogh, Dr. Michael Bangs, Dr. Nicole Achee, and Dr. John Grieco.

Article 2 FORMS OF COLLABORATION

The scope of activities under this MoU comprises the following programs :

- 1) Empowers research capacity (both Public Health Research and Clinical/laboratory research) among FM/FPH Unhas Staff and by Principal SPIRIT Sumba Team.
- 2) Strengthen human resources capacity at FM/FPH unhas through education by the principal SPIRIT Sumba team for Entomology and Parasitology by collaboration on Malaria and Vector borne diseases in general.

Article 3
RESPONSIBILITIES

- 1) FM/FPH Unhas shall :
 - a. Prepare human resources to be involved in the SPIRIT Sumba project.
 - b. Facilitate scientific and ethical approvals needed for this project and potential project extensions/expansions.
 - c. Facilitate administrative work regarding international research permits, contracts for researchers, sample export permits, licenses (cars) etc.
 - d. Facilitate the involvement of principal SPIRIT Sumba research team members in student supervision in medical entomology and parasitology at FM/FPH Unhas.
 - e. Facilitate an annual meeting to update all parties on activities of shared interests.
- 2) SPIRIT Sumba shall :
 - a. Facilitate the involvement of faculty staff and graduate students in the execution of the project.
 - b. Support for the educational training of potential graduate students or academic staff from FM/FPH Unhas to the relevant subjects at domestics and overseas universities.
 - c. Assists FM/FPH Unhas in the development of a graduate course program in the field of Entomology and Parasitology.
 - d. Consult with FM/FPH Unhas on research publications especially in Entomology and Public Health aspect of the SPIRIT Sumba project.

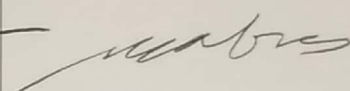
Article 4
STATUS OF ASSETS

Upon the completion of the SPIRIT research project, the ownership of assets purchased under the SPIRIT Sumba project shall be given to FM/FPH Unhas as a part of the establishment of a Sumba Field Center for the Hasanuddin University graduate programs. This center would be a significant asset for the university in increasing its international profile. It is expected that the SPIRIT project will be extended and new research projects added to the Sumba Field Center.

Article 5
PERIOD OF VALIDITY

- a. This MoU shall be effective on the date of its signing and shall remain in force for the period of the research project, which is Four Years plus potential extensions of project activities;
- b. This MoU may be extended or terminated by either party by giving written notice to either party at least six months in advance;

In witness whereof, the parties to this MoU through their duly authorized representatives have executed this MoU on 17 May 2010, and certify that they have read, understood, and agreed to the terms and conditions of this MoU as set forth herein.

		
Prof. dr. Irawan Yusuf, PhD. Dean of Faculty of Medicine Hasanuddin University Jl. Perintis kemerdekaan Km. 10, Makassar 90245, Indonesia	Prof. DR. dr.H.M. Alimin Maidin, MPH Dean of Faculty of Public Health Hasanuddin University Jl. Perintis kemerdekaan Km. 10, Makassar 90245, Indonesia	Dr. Din Syafruddin, PhD. Principal Investigator SPIRIT Sumba Project Eijkman Institute for Molecular Biology Jl. Diponegoro No. 69 Jakarta 10430, Indonesia

THE EIJKMAN INSTITUTE FOR MOLECULAR BIOLOGY

Project Number
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EIJKMAN INSTITUTE
for molecular biology

EIJKMAN INSTITUTE RESEARCH ETHICS COMMISSION

ETHICAL APPROVAL

Eijkman Institute Research Ethics Commission (EIREC) has convened a meeting on 19th June 2014 as requested by the Director of Eijkman Institute for Molecular Biology, to review the proposal entitled: "*Efficacy and safety of dihydroartemisinin-piperaquine for the treatment of uncomplicated Plasmodium falciparum and Plasmodium vivax malaria in 6 sentinel sites in Indonesia*" with **Dr. Syafruddin** as the Principal Investigator.

After considering the ethical aspects of the research project, EIREC has decided to give the ethics clearance for the above study for 3 (three) years from the date this approval is given.

Jakarta, 02nd July 2014

A handwritten signature in black ink, appearing to be 'R. Sjamsuhidajat', written over a light blue horizontal line.

Prof. Dr. R. Sjamsuhidajat
Chairman