

AGREEMENT BETWEEN THE

DEPARTMENT OF DEFENSE OF THE UNITED STATES OF AMERICA

AND THE

MINISTRY OF DEFENSE OF THE REPUBLIC OF SINGAPORE

RELATING TO COOPERATIVE RESEARCH PROJECTS FOR SURVEILLANCE OF

MALARIA DRUG RESISTANCE

ARTICLE I

INTRODUCTION

The Department of Defense of the United States of America (U.S. DoD) and the Ministry of Defense of the Republic of Singapore (MINDEF), pursuant to the Strategic Framework Agreement Between the United States of America and the Republic of Singapore for a Closer Cooperation Partnership in Defense and Security, signed in Washington DC, on 12 July 2005, agree to establish Surveillance for Malaria Drug Resistance as a cooperative medical research project. The terms of the Strategic Framework Agreement between the United States of America and the Republic of Singapore for a Closer Cooperation Partnership in Defense and Security Agreement shall govern the execution of this Agreement.

ARTICLE II

DEFINITION OF ABBREVIATIONS

DMERI	Defence Medical and Environmental Research Institute, a research entity of DSO
DSO	DSO National Laboratories, Singapore
DSTA	Defence Science and Technology Agency, a statutory board of MINDEF, Singapore
MINDEF	Ministry of Defence, Singapore
HQMC	Headquarters Medical Corps, Singapore Armed Forces
SAF	Singapore Armed Forces
DoD	Department of Defense, USA
NAMRU-2	Naval Medical Research Unit Two, a research entity of DoD
NMRC	Navy Medical Research Center, a research entity of DoD
GEIS	Global Emerging Infectious Disease Surveillance and Responses, DoD
USN	United States Navy
RDT&E	Research, Development, Testing, and Evaluation Project

ARTICLE III OBJECTIVES

The objective of this Agreement is to facilitate cooperation between the U. S. DoD and the MINDEF of the Republic of Singapore to conduct collaborative biomedical RDT&E projects on malaria drug resistance. The specific objectives of this Agreement are:

1. To establish a joint surveillance network to determine the species of malaria parasite and the drug resistance profile of imported infections in Singapore.
2. To conduct molecular marker testing on malaria parasites imported from different geographical regions to monitor the polymorphisms associated with antimalarial drug resistance.
3. To conduct in vitro drug susceptibility testing on malaria parasites imported from different geographical regions to monitor intrinsic parasite drug sensitivity (ED50).

ARTICLE IV SCOPE OF WORK

The following work shall be performed under this Agreement:

1. Phase 1 will be to identify and establish collaboration with hospitals and physicians in Singapore to participate in the malaria surveillance project and to establish laboratory capability, standard operating procedures (SOPs) and protocols, and monthly reporting formats.
2. Phase 2 will be to conduct training of laboratory personnel to perform laboratory assays according to laboratory SOP and to establish a laboratory proficiency programme with participating US DoD laboratories.
3. Phase 3 will be daily operations of the joint surveillance network and providing annual reports on the activities, performance and achievements of the joint surveillance network. **The collection of specimens for this project will be governed by Institutional Review Board (IRB) protocol approved by Singapore and reviewed by the U.S.**

**ENTRY INTO FORCE, DURATION
AND TERMINATION**

1. This Agreement shall enter into force upon signature by the Agreement Management Agents, and shall remain in force for three years unless terminated by either Party. It may be extended by written agreement of the Parties.

2. IN WITNESS WHEREOF the undersigned, duly authorized by their respective Governments, have signed this Agreement.

Done in duplicate, this 14th day of August 2009.

For the U. S. MA

For Singapore MA

A. M. Robinson, Jr.

TAN PENG YAM

Signature

Signature

A. M. ROBINSON, JR, VADM, MC, USN

TAN PENG YAM

Name

Name

Surgeon General of the Navy

Deputy Chief Executive (Operations)

Defence Science & Technology Agency

Title

Title

14 August 2009

20 July 2009

Date

Date

United States of America

Republic of Singapore

Location

Location

certified to be a True Copy

JANEAN PANEK, hereby certify
that this is a true and correct copy of the original document.

Signatory

District of Columbia : SS

Subscribed and Sworn to before me

this 31st day of AUGUST, 2009

Janean Panek Notary Public, D.C.
My commission expires _____

**My Commission Expires
February 14, 2010**