



Joint International Tropical Medicine Meeting



JITMM VIRTUAL 2021

*“Tropical Medicine
in the New Now Normal”*

15-17 December 2021

Program Book



Mahidol University
Wisdom of the Land



กรมควบคุมโรค
Department of Disease Control

MORU
Tropical Health Network

TCELS
ศูนย์ความเป็นเลิศด้านชีววิทยาศาสตร์ (องค์การมหาชน)
Thailand Center of Excellence for Life Sciences
(Public Organization)



THAILAND CONVENTION
& EXHIBITION BUREAU

Organizers and Co-Organizers

- ★ Faculty of Tropical Medicine, Mahidol University
- ★ Mahidol University
- ★ Department of Disease Control, Ministry of Public Health (MOPH)
- ★ Mahidol Oxford Tropical Medicine Research Unit (MORU)
- ★ Southeast Asian Ministers of Education Organization (SEAMEO) TROPMED Network

Sponsors and Contributors

- ★ Thailand Convention and Exhibition Bureau (TCEB)
- ★ QIAGEN
- ★ Thailand Center of Excellence for Life Sciences (TCELS)
- ★ Abbot Rapid Diagnostics
- ★ Bio-Rad Technologies
- ★ Elsevier
- ★ Malaria Consortium
- ★ Walter and Eliza Hall Institute of Medical Research (WEHI)
- ★ 7 Eleven (CP All) at Faculty of Tropical Medicine, Mahidol University
- ★ Meditop
- ★ Cocsec Chemical Industry Co.,Ltd. (Kincho Thailand)

09.15-09.30hr

Opening Ceremony by Organizers and Co-organizers

Report

Assoc. Prof. Weerapong Phumratanaprapin

Chair, JITMM Virtual 2021 Organizing Committee

Welcome Address

1. **Dr. Opart Karnkawinpong**

Director-General, Department of Disease Control, Thailand Ministry of Public Health

2. **Prof. Nicholas Day**

Director, Mahidol-Oxford Tropical Medicine Research Unit (MORU)

3. **Assoc. Prof. Pratap Singhasivanon**

Associate Professor, Secretary General/Coordinator of SEAMEO TROPMED Network

Opening Remarks

Prof. Banchong Mahaisavariya

President, Mahidol University

**S02 : SEAMEO TROPED NETWORK'S CONTRIBUTION TO ADDRESSING
THE CHALLENGES OF COVID-19 PANDEMIC (SPONSORED)**

09.40-10.40hr

Room A

Welcome Remarks:

Assoc. Prof. Pratap Singhasivanon

Overview of SEAMEO TROPED Malaysia

Dr. Haji Tahir bin Aris

Centre Director

Director, Institute for Medical Research MOH, Malaysia

Opening Remarks of the Session Chairperson

Dr. Jaime C. Montoya

Governing Board Member, Philippines Executive Director

Philippine Council for Health Research and Development, DOST, Philippines

Invited speakers:

1. SARS-COV-2: GENOMIC SURVEILLANCE FOR VARIANTS OF THE VIRUS

Dr. Ravindran Thayan

Institute for Medical Research, Ministry of Health Malaysia

2. UPDATE ON IMMUNITY TOWARDS SARS-CoV-2

Dr. MASITA ARIP

Institute for Medical Research (IMR) Malaysia

3. CHALLENGES OF COVID-19 VACCINE DEVELOPMENT IN MALAYSIA

Dr. Rozainanee Mohd Zain

Institute for Medical Research, National Institute of Health, Setia Alam, Shah Alam, Selangor, Malaysia

09.40-10.40hr

Room B

Chairpersons:

1. Prof. Arjen Dondorp
2. Prof. Kesinee Chotivanich

Invited speakers :

1. INTRODUCTION: PATHOPHYSIOLOGY OF SEVERE MALARIA

Prof. Arjen Dondorp

Faculty of Tropical Medicine, Mahidol University (Mahidol-Oxford Tropical Research Unit)

2. ACUTE KIDNEY INJURY IN MALARIA

Dr. Katherine Plewes

Mahidol Oxford Tropical Medicine Research Unit

3. DEFINING SEVERE MALARIA

Dr. James Watson

Faculty of Tropical Medicine, Mahidol University (Mahidol-Oxford Tropical Research Unit)

**4. INHIBITORY EFFECTS OF KAE609 AND KAF156 ON CYTOADHERENCE OF
*PLASMODIUM FALCIPARUM***

Ms. Srisuda Keayarsa

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

**S04 : TRAVEL MEDICINE DURING COVID-19 ERA: CHALLENGES AND LESSONS LEARNT
FROM VARIOUS TRAVEL CLINICS**

09.40-10.40hr

Room C

Chairperson :

- I. Assoc. Prof. Watcharapong Piyaphanee

Invited speakers:

1. CHALLENGES AND LESSON LEARNT FROM CANADA TROPICAL MEDICINE CLINIC DURING COVID-19 PANDEMIC

Mr. Dylan Kain

Dept. of Medicine, University of Toronto, Toronto, Canada

2. CHALLENGES AND LESSONS LEARNT FROM NEPAL DURING COVID-19 PANDEMIC: EXPERIENCES OF CIWEC HOSPITAL AND TRAVEL MEDICINE CENTER

Dr. Rashila Pradhan

CIWEC Hospital and Travel Medicine Center

3. TRAVEL MEDICINE PRACTICES DURING COVID-19 ERA IN THAILAND

Dr. Wasin Matsee

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

09.40-10.40hr

Room D

Chairperson :

- I. Assoc. Prof. Dr. Narisara Chantratita

Invited speakers :

1. THE ROLE OF FLAGELLIN IN *BURKHOLDERIA PSEUDOMALLEI* INFECTION OF PRIMARY HUMAN LUNG AND BLOOD CELLS

Assoc. Prof. Eoin West

Division of Pulmonary, Critical Care & Sleep Medicine, Department of Medicine, University of Washington, Seattle, WA, US

2. INTERACTIONS BETWEEN *BURKHOLDERIA PSEUDOMALLEI* GENETIC VARIATIONS AND HOST DIABETIC STATUS MODULATE INFECTION OUTCOMES IN MELIOIDOSIS

Dr. Claire Chewapreecha

Mahidol-Oxford Tropical Medicine Research Unit

3. ANTIBIOTIC SUSCEPTIBILITY OF CLINICAL *BURKHOLDERIA PSEUDOMALLEI* ISOLATES IN NORTHEAST THAILAND DURING 2015-2018 AND THE GENOMIC CHARACTERIZATION OF β -LACTAM-RESISTANT ISOLATES

Ms. Shirley Yi Fen Hii

Institute for Medical Research, National Institute of Health Malaysia

**S06 : SUSTAINABLE DEVELOPMENT GOALS: THE CLEAN ENVIRONMENT AND
PLANETARY HEALTH APPROACH (SPONSORED)**

09.40-10.40hr

Room E

Chairperson :

1. Assoc. Prof. Kraichat Tantrakarnapa

Invited speakers :

1. Clean Environment and Planetary Health Approach (CEPHA) Network initiatives for sustainable development in Asia
Prof. Shiva Nagendra SM
Indian Institute of Technology Madras (IITM)
2. Healthy Environments And Lives (HEAL) – a new Australian initiative in human health and environmental change
Prof. Sotiris Vardoulakis
The Australian National University
3. Household Air Pollution and SDGs: the plight of rural India
Dr. Gopika I
Indian Institute of Technology Madras (IITM)

**S07 : SEAMEO TROPED NETWORK'S CONTRIBUTION TO ADDRESSING
THE CHALLENGES OF COVID-19 PANDEMIC (CONTINUATION) SEAMEO TROPED**

10.50-11-50hr

Room A

Overview of SEAMEO TROPED Philippines

Dr. Vicente Y. Belizario
Centre Director
Dean, College of Public Health
UP Manila, Philippines

Opening Remarks of the Session Chairperson

Datuk Dr Hishamshah bin Mohd Ibrahim
Deputy Director General of Health (Research and Technical Support)
MOH, Malaysia

Invited speakers:

1. **UP COLLEGE OF PUBLIC HEALTH/TROPED PHILIPPINES' COLLABORATION WITH THE COMMISSION ON HIGHER EDUCATION IN RESPONDING TO THE COVID-19 PANDEMIC**

Dr. Paul Michael Hernandez
College of Public Health, University of the Philippines Manila

2. **"PUBLIC HEALTH IN THE TIME OF COVID-19 AND THE NEW NORMAL": A WEBINAR SERIES FOR PUBLIC HEALTH WORKERS**

Asst. Prof. Dr. Jaifred Christian Lopez
College of Public Health, University of the Philippines Manila (TROPED Philippines)

3. **THE EXPERIENCE IN THE CONDUCT OF AN ONLINE LEARNING COURSE IN MANAGING MULTIDRUG-RESISTANT TB (MDRTB) OF CLINICIANS IN THE PHILIPPINES**

Dr. Maria Margarita Lota
Faculty, Department of Medical Microbiology, College of Public Health, University of the Philippines Manila

10.50-11-50hr

Room B

Invited speaker:

I. PRE-DEPARTURE COVID-19 SCREENING: IS IT WORTH IT?

Ms.Phimphan Pisutsan

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

10.50-11-50hr

Room C

Chairperson :

1. Assoc. Prof. Pongrama Ramasoota

Invited speakers:

1. COVID-19 VACCINE PRODUCTION FROM PLANT

Prof. Dr. Waranyoo Phoolcharoen

Faculty of Pharmaceutical Sciences, Chulalongkorn University

2. REGULATION OF GLYCAN STRUCTURES IN HOST CELLS FOR PRODUCTION OF HIGH-QUALITY ANTIBODIES

Assoc. Prof. Ryo Misaki

International Center for Biotechnology, Osaka University

3. NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES AGAINST DENGUE VIRUS NONSTRUCTURAL PROTEIN I

Ms. Rochanawan Sootichote

Faculty of Tropical Medicine, Mahidol University (Social and Environmental Medicine)

10.50-11-50hr

Room D

Chairperson :

I. Prof .Pisit Tangkijvanich

Invited speakers:

1. VIRAL HEPATITIS ELIMINATION

Dr. Kittiyod Poovorawan

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

2. ELIMINATE OF VIRAL HEPATITIS

Dr. Anchalee Avihingsanon

The HIV Netherlands Australia Thailand Research Collaboration (HIV-NAT), Thai Red Cross AIDS Research Centre

S11 : CLIMATE CHANGE AND HUMAN HEALTH IN ASIA: CURRENT IMPACTS, FUTURE RISKS, AND HEALTH BENEFITS OF MITIGATION POLICIES

10.50-11-50hr

Room E

Chairperson :

1. Assoc. Prof. Kraichat Tantrakarnapa

Invited speakers:

1. PROJECTION OF EXCESS MORTALITY DUE TO ENTERIC INFECTIONS

Prof. Masahiro Hashizume

Graduate School of Medicine, The University of Tokyo

2. WILDFIRE SMOKE EPIDEMIOLOGY: EVIDENCE, GAPS AND CHALLENGES FOR HEALTH PROTECTION

Prof. Yuming Guo

Monash University

3. CLIMATE CHANGE AND NATIONAL ADAPTATION PLAN: THAILAND PERSPECTIVES

Assoc. Prof. Kraichat Tantrakarnapa

Faculty of Tropical Medicine, Mahidol University (Social and Environmental Medicine)

13.10-14.10hr

Room A

Overview of SEAMEO TROPMED Thailand

Assoc. Prof. Weerapong Phumratanaprapin

Centre Director

Dean, Faculty of Tropical Medicine

Mahidol University, Thailand

Opening Remarks of the Session Chairperson

Prof. Dr. Tjandra Yoga Aditama

Governing Board Member, Indonesia

Member, Board for Development and Empowerment for Health

MOH, Indonesia

Invited speakers:

1. MANAGEMENT OF COVID-19 IN HOSPITAL SETTING

Assist. Prof. Viravarn Luvira

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

2. MANAGEMENT OF COVID-19 IN THE COMMUNITY SETTING: COMMUNITY ISOLATION (CI) AND HOME ISOLATION (HI)

Assoc. Prof. Jittima Dhitavat and Dr. Wasin Matsee

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

**S13 : P.VIVAX SEROLOGICAL TEST AND TREAT –A NOVEL INTERVENTION TO ACCELERATE
TOWARDS ELIMINATION (SPONSORED BY WEHI)**

13.10-14.10hr

Room B

Chairperson :

1. Prof. Ivo Mueller

Invited speakers:

- 1 USING SEROLOGY TO DIAGNOSE RECENT P.VIVAX INFECTION

Dr.Rhea Longley

Walter and Eliza Hall Institute of Medical Research

- 2 MATHEMATICAL MODELLING TO PREDICT PvseroTaT IMPACT

Dr. Michael White

Department of Infectious Disease Epidemiology in Imperial College London

3. VISPA- A GLOBAL ACCESS FRAMEWORK TO COORDINATE PvSeroTaT EFFORTS

Dr. Leanne Robinson

Burnet Institute; PNG Institute of Medical Research; Walter and Eliza Hal Institute

Wednesday 15 December 2021

**SI4 : MOLECULAR TECHNOLOGY INNOVATIONS FOR THE GLOBAL DISEASES
IN THE 21ST CENTURY**

13.10-14.10hr

Room C

Chairpersons:

1. Dr. Matthew Phanchana
2. Dr. Suangsuda Supasai

Invited speakers:

- 1 THE DISCOVERY AND IMPLICATIONS OF DNA PROTECTION AND REJUVENATION EFFECTS OF DNA GAPS

Prof. Apiwat Mutirangura

Faculty of Medicine, Chulalongkorn University

2. REJUVENATION OF AGING RATS BY MOLECULAR SCISSORS PRODUCING DNA GAPS

Ms. Sakawdaurn Yasom

Graduate School, Chulalongkorn University

3. BACTERIAL CYTOLOGICAL PROFILING (BCP): A FLUORESCENCE MICROSCOPY-BASED PLATFORM FOR ANTIBIOTIC DISCOVERY

Dr. Pochit Nonejuie

Institute of Molecular Biosciences

**S15 : SAMPLE TO INSIGHT SOLUTION WITH CUTTING AGE dPCR TECHNOLOGY
(SPONSORED BY QIAGEN)**

13.10-14.10hr

Room D

Chairperson :

I Mr. Gerald Lee

Invited speaker:

I Going Digital with Pathogen Detection

Mr. Luke Tan

QIAGEN Singapore Pte Ltd

**S16 : COMMUNITY EMPOWERMENT FOR VECTOR BORNE DISEASES CONTROL
(SPONSORED BY MOPH)**

13.10-14.10hr

Room E

Chairperson :

1. Dr. Rawadee Kumlert

Invited speakers:

1. Emergency Preparedness under the Thai Communicable Diseases Act 2015/2021 ; Insect Control Unit

Dr. CHANTANA PADUNGTOD

Division of Vector-borne Diseases, Department of Disease Control

2. NEXT NORMAL MALARIA SERVICE TO ACHIEVE MALARIA ELIMINATION IN THAILAND

Dr.Aungkana Saejeng

DVBD, DDC Thailand

3. CHALLENGING TIME FOR AEDES-BORNE DISEASES LEARNING TECHNOLOGIES: THE RISING OPPORTUNITY AMIDST THE COVID-19 CRISIS

Mr.Saranratch Chanprakhon

Department of Disease Control

14.20-15.30hr

Room A

Chairpersons:

1. Dr. Leigh Jones
2. Assoc. Prof. Wirichada Pan-ngum

Invited speakers:

1. **EVALUATING THE SUITABILITY OF GENETIC MARKERS FOR HELMINTH MOLECULAR STUDIES USING BIOINFORMATIC TOOLS**

Ms. Abigail Hui En Chan

Faculty of Tropical Medicine, Mahidol University (Helminthology)

2. **INVESTIGATING THE SPATIOTEMPORAL DYNAMICS OF P. FALCIPARUM MALARIA TO GUIDE TARGETED INTERVENTION DELIVERY IN EASTERN MYANMAR: A 5-YEAR OBSERVATIONAL STUDY.**

Ms. Jade Rae

Faculty of Tropical Medicine, Mahidol University (Mahidol-Oxford Tropical Research Unit)

3. **BRAIN MATTERS: IMPROVING DIAGNOSIS AND OUTCOMES IN CHILDREN WITH TUBERCULOUS MENINGITIS**

Dr. Julie Huynh

Centre for Tropical Medicine, Oxford University Clinical Research Unit

4. **DEFINING THE HIDDEN BURDEN OF DISEASE IN RURAL COMMUNITIES IN SOUTH AND SOUTHEAST ASIA: A HOUSEHOLD HEALTH SURVEY**

Ms. Meiwen Zhang

Faculty of Tropical Medicine, Mahidol University (Mahidol-Oxford Tropical Research Unit)

5. **UNDERSTANDING TREATMENT-SEEKING BEHAVIOUR FOR ACUTE FEVERS THROUGH AN ABUI CULTURAL LENS: AN ETHNOGRAPHIC STUDY IN EASTERN INDONESIA**

Ms. Lenny Ekawati

Eijkman-Oxford Clinical Research Unit

6. **DOG POPULATION SURVEY AMONG HIGH SCHOOL DOG OWNERS - A COMMUNITY-BASED PARTICIPATORY RESEARCH USING MIXED METHODS**

Mr. Weerakorn Thichumpa

Faculty of Tropical Medicine, Mahidol University (Tropical Hygiene)

14.20-15.30hr

Room B

Chairperson :

I.Assoc. Prof. Dr. Pornsawan Leungwutiwong

Invited speakers:

1. KNOWLEDGE ATTITUDE AND PRACTICE AMONG BORDER FRONTLINE STAFFS TOWARD COVID-19 (DELTA AND NEW VARIANTS)

Dr. Sirirak Thanasakulprasert
MOPH

2. INFECTION IMPACT OF COVID-19 EPIDEMIC IN HEALTHCARE WORKERS: SEROPREVALENCE REPORT FROM EL SALVADOR, CENTRAL AMERICA

Dr. Katherine Candray
Osaka City University Japan

3. INCIDENCE OF SARS-COV-2 INFECTION IN INDIVIDUALS RECOVERED FROM COVID-19 AND OTHER AT-RISK INDIVIDUALS WITH DIFFERENT VACCINATION STATUSES:A PROPOSED STUDY PROTOCOL

Ms. Apassara Tuegdee
Institute of Preventive Medicine, Department of Disease Control and prevention

4. FIND A CURE FOR THIS VIRUS”:VIEWS OF THE COVID-19 PANDEMIC IN MALAYSIA

Assoc. Prof. Phaik Kin Cheah
Faculty of Arts and Social Science, Universiti Tunku Abdul Rahman

5. PHARMACOKINETIC AND ELECTROCARDIOGRAPHIC EVALUATION OF CHLOROQUINE AND AZITHROMYCIN IN HEALTHY VOLUNTEERS

Mr. Palang Chotsiri
Faculty of Tropical Medicine, Mahidol University (Mahidol-Oxford Tropical Research Unit)

6. INCIDENCE AND INFLUENCING FACTORS OF PSYCHOLOGICAL PROBLEMS AMONG INTERNATIONAL ARRIVALS DURING QUARANTINE IN THAILAND – PRELIMINARY DATA.

Dr. Simon Boyd
Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

7. COVID-19: FEVER, RASH AND ORGAN FAILURE

Dr. Hisham Imad
Faculty of Tropical Medicine, Mahidol University (Mahidol Vivax Research Unit (MVRU))

8. NAVIGATING THE COVID-19 CRISIS TO SUSTAIN COMMUNITY-BASED MALARIA INTERVENTIONS IN CAMBODIA

Dr.Htin Kyaw Thu
Malaria Consortium

**S19 : MOSQUITO-BORNE ARBOVIRUSES: UNDERSTANDING THE SCALE OF
THE CHALLENGE (SPONSORED BY MALARIA CONSORTIUM)**

14.20-15.30hr

Room C

Chairperson :

1. Dr. Leo Braack

Invited speakers:

- 1 A SENTINEL SYSTEM FOR ACTIVE DETECTION OF MOSQUITO-BORNE ARBOVIRUS PRESENCE IN SOUTH AFRICA

Prof. Marietjie Venter

Department Medical Virology, Centre for Viral Zoonoses, Faculty of Health, University of Pretoria

2. WHAT DO WE KNOW ABOUT MOSQUITO-BORNE ARBOVIRUS PREVALENCE IN AFRICA, AND HOW CAN WE IMPROVE OUR UNDERSTANDING?

Dr. Basile Kamgang

Other (Centre for Research in Infectious Diseases)

3. NETWORKS FOR RESEARCH AND COMMUNICATION TO SUPPORT IDENTIFICATION OF PRIORITY GLOBAL ISSUES ON ARBOVIRAL DISEASES

Dr. Florence Fouque

TDR/WHO

4. CAPACITY-BUILDING FOR ARBOVIRUS SURVEILLANCE AND CONTROL

Dr. Raman Velayudhan

World Health Organization

S20 : PARASITES, ECOLOGY AND BIODIVERSITY

14.20-15.30hr

Room D

Chairperson :

- 1 Assoc. Prof. Dorn Watthanakulpanich
2. Prof. Serge Morand

Invited speakers:

- 1 RODENT-BORNE PARASITES AND PATHOGENS AT WILDLIFE-HUMAN INTERFACE IN BANGKOK METROPOLITAN AND URBAN PUBLIC PARKS

Assist. Prof. Kittipong Chaisiri

Faculty of Tropical Medicine, Mahidol University (Helminthology)

2. INFECTION AND INVASION: ON PARASITES OF INVASIVE ANIMALS

Assist. Prof. Hsuan-Wien Chen

Department of Biological Resources, National Chiayi University, Taiwan

3. COMMENSAL RODENT HABITAT EXPANSION ENHANCES ARTHROPOD DISEASE VECTOR ON A TROPICAL VOLCANIC ISLAND

Assoc. Prof. Chi-Chien Kuo

National Taiwan Normal University

4. Molecular detection of *Bartonella henselae*, *B. claridigiae*, *B. koehlerae* infected in semi-domesticated cats roaming in monasteries of Bangkok, Thailand

Assist. Prof. Ketsarin Kamyinkird

Kasetsart University

S21 : MODERNIZING OUTREACH FOR HIV PREVENTION SERVICES: USING WEB-BASED AND ONLINE FORUMS TO RECRUIT, ENROLL, AND RETAIN PARTICIPANTS

14.20-15.30hr

Room E

Chairperson :

1. Dr. Joseph Woodring

Invited speakers:

1. RECRUITMENT AND RETENTION OF YOUNG MSM USING SOCIAL MEDIA AND ONLINE PLATFORMS FOR THE COPE STUDY

Dr. Andrew Hickey
CDC/TUC

2. ONLINE PLATFORM AND SOCIAL MEDIA INFLUENCE TO RECRUIT TRANSGENDER POPULATIONS

Ms. Rena Janamnuaysook
Institute of HIV Research and Innovation (IHRI)

3. WEB RECRUITMENT AND SUPPORT SYSTEMS FOR DELIVERY OF HIV SELF-TEST KITS FROM LOCAL PHARMACIES

Ms. Chomnad Manopaiboon
Thailand Division of Global HIV and TB program, Centers for Disease Control and Prevention, Atlanta

**S22 : PLENARY SESSION I: CHALLENGES AND OPPORTUNITIES: COVID R&D
OF THAILAND DURING THE PANDEMIC**

09.00-09.30hr

Plenary Lecture 1 Room A and B

Chairperson :

I. Prof. Punnee Pitisuttithum

Invited speakers:

I. Challenges and Opportunities: COVID R&D of Thailand during the Pandemic

Prof. Sirirung Songsivilai

Thailand Center of Excellence for Life Sciences (Public Organization)

**S23 : UPDATE ON COVID-19 VACCINE R& D IN THAILAND: CHALLENGES
AND OPPORTUNITIES**

09.40-10.40hr

Room A

Chairperson :

I. Prof. Dr. Punnee Pitisuttithum

Invited speakers:

1. mRNA Covid-19 Vaccines

Prof. Kiat Ruxrungtham

Chula Vaccine Research Center (Chula VRC), Chulalongkorn University

2. NDV-HXP-S Covid-19 Vaccines

Prof. Punnee Pitisuttithum and Dr. Somchaiya Surichan

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

09.40-10.40hr

Room B

Chairperson :

1. Assoc. Prof. Karunee Kwanbunjan
2. Dr. Pongwit Bualombai

Invited speakers:

1. MALARIA MASS DRUG ADMINISTRATION

Dr.Attapon Cheepsattayakorn

10th Zonal Tuberculosis and Chest Disease Center, Chiang Mai, Thailand/Department of Disease Control, Ministry of Public Health, Thailand/Western University, Pathum Thani/Chiang Mai University, Chiang Mai, Thailand

2. THE EFFECTIVENESS OF MASS DRUG ADMINISTRATIONS IN THE GREATER MEKONG SUBREGION: FINDINGS FROM A CLUSTER RANDOMIZED TRIAL

Dr.Thomas Peto

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

3. MALARIA MDA IN LOW AND VERY LOW TRANSMISSION SETTINGS IN SOUTHERN AFRICA

Assoc. Prof. Michelle Hsiang

University of California, San Francisco

4. Feasibility and effectiveness of reactive focal mass drug administration targeting malaria in high-risk populations in Thailand: Preliminary findings

Dr.Adam Bennett

University of California, San Francisco & PATH

S25 : RECENT ZIKA SITUATION IN THAILAND

09.40-10.40hr

Room C

Chairperson :

- I. Assoc. Prof. Kriengsak Limkittikul

Invited speakers:

1. ZIKA SURVEILLANCE AND INVESTIGATION IN THAILAND

Dr. Darin Areechokchai

Department of Disease Control, Ministry of Public Health, Thailand

2. SEROPREVALENCE OF ZIKA VIRUS IN PREGNANT WOMEN FROM CENTRAL THAILAND

Assoc. Prof. Chayawat Phatihattakorn

Faculty of Medicine, Siriraj Hospital Mahidol University

3. ZIKA SEROLOGY TESTING IN THE CONTEXT OF CO-CIRCULATING ARBOVIRUSES - LESSONS FROM LATIN AMERICA

Prof. Thomas Jaenisch

Center for Global Health, Colorado School of Public Health

09.40-10.40hr

Room D

Chairpersons :

1. Assoc. Prof. Narisara Chantratita
2. Dr. Vanaporn Wuthiekanun

Invited speakers:

1. **DEFINING CORRELATES OF VACCINE-INDUCED IMMUNITY AGAINST INHALATIONAL MELIOIDOSIS**

Dr. Paul Brett

University of Nevada, Reno School of Medicine

2. **EVALUATION OF BURKHOLDERIA PSEUDOMALLEI AHPC AS A NOVEL MELIOIDOSIS VACCINE CANDIDATE**

Dr. Mary Burtnick

University of Nevada, Reno School of Medicine

3. **EVALUATION OF POINT-OF-CARE TEST AND PCR FOR MELIOIDOSIS IN THAILAND**

Ms. Chawitar Noparatvarakorn

Faculty of Tropical Medicine, Mahidol University (Microbiology and Immunology)

09.40-10.40hr

Room E

Chairperson :

1. Dr. Panithree Thammawijaya

Invited speakers:

1. CURRENT STATUS OF HELMINTHIASES IN THAILAND:A CROSS SECTIONAL,NATIONWIDE SURVEY; 2019

Dr.Thitima Wongsaroj

MOPH

2. OVCCA WEB APPLICATION AS SUPPLEMENTARY MATERIAL TO FACILITATE HEALTH LITERACY REGARDING CARCINOGENIC HUMAN LIVER FLUKE:A RANDOMIZED CONTROLLED TRIAL IN THAILAND

Mrs. Oranard Wattanawong

Assoc. Prof. Dr.Anan Tongraar

Assoc. Prof. Schawanya K. Rattanapitoon

Asst. Prof. Dr. Nathkapach K. Rattanapitoon

Asst. Prof. Dr.Apiporn T. Suwannatrai

Thirayu Meererksom

MOPH

3. BEHAVIORAL STUDYING AND COMMUNITY CAPACITY BUILDING FOR HELMINTH DISEASE SOLUTION AT BAN MORKROTA HILLTRIBE COMMUNITY IN OMKOI DISTRICT, CHIANG MAI PROVINCE

Mrs.Thongroo Kophachon

Department of Disease Control

10.50-11-50hr

Room A

Chairperson :

1. Assist. Prof. Pattaneeya Prangthips
2. Assist. Prof. Pornrutsami Jintaridth

Invited speakers:

1. FOOD AND NUTRITION RELATED TO COVID-19

Assoc. Prof. Supranee Changbumrung

Faculty of Tropical Medicine, Mahidol University (Tropical Nutrition and Food Science)

2. ROLE OF NUTRITION AND SUPPLEMENTS IN COVID-19

Assist. Prof. Daruneewan Warodomwichit

Division of Nutrition and Biochemical Medicine, Faculty of Medicine, Ramathibodi Hospital, Mahidol University)

3. ENDOCYTIC TRANSPORT IN COVID-19 AND OTHER INFECTIOUS DISEASES

Assoc. Prof. Amandio Vieira

Biomedical Physiology and Kinesiology (BPK) - Simon Fraser University, Canada

Thursday 16 December 2021

**S29 : DENGUE AND COVID-19 CO-INFECTION CASES IN NOW NORMAL
(SPONSORED BY ABBOTT)**

10.50-11-50hr

Room B

Chairperson :

I. Dr. Mohan Ravuru

Invited speaker:

I. DENGUE AND COVID-19 CO-INFECTION CASES IN NOW NORMAL

Prof. Somsak Lolekha

The Royal College Pediatricians of Thailand

10.50-11-50hr

Room C

Chairperson :

1. Dr. Ronald Enrique Morales Vargas
2. Dr. Sungsit Sungvornyothin

Invited speakers:

1. **ZIKA VIRUS POTENTIAL VECTORS AMONG AEDES MOSQUITOES FROM NORTHERN JAPAN**

Dr. Leo Uchida

Laboratory of Zoonotic Diseases, School of Veterinary Medicine, Rakuno Gakuen University

2. **ANOPHELES STEPHENSI, THE NEW INVASIVE MALARIA VECTOR; LESSONS FROM SRI LANKA**

Mrs. Jeevanie Harishchandra

Anti Malaria Campaign

3. **MOSQUITO REPELLENCE INDUCED BY TARSAL CONTACT WITH HYDROPHOBIC LIQUIDS**

Mr. Hiroyuki Takizawa

Other (Kao Consumer Products (Southeast Asia) Co., Ltd.)

10.50-11-50hr

Room D

Chairperson :

Assoc. Prof. Thomas Guadamuz

Invited speakers:

1. INCREASED HIV RISK AS AN OUTCOME OF (UN)MET SEXUAL GOAL SETTING OF MSM AROUND THAI SONGKRAN FESTIVITIES

Professor Kai J. Jonas, PhD

Faculty of Psychology and Neuroscience, Maastricht University, The Netherlands

2. EVALUATION OF AN INTEGRATED ONLINE HIV SELF-TESTING PROGRAM (JOMTEST) IN MALAYSIA

Sin How (Howie) Lim, PhD

Faculty of Medicine, University of Malaya, Malaysia

Thursday 16 December 2021

**S32 : INNOVATION CONCEPT TO SUSTAIN HELMINTHIASIS IN THAILAND
(SPONSORED BY MOPH): CONTINUATION**

10.50-11-50hr

Room E

Chairperson :

I. Dr.Panithree Thammawijaya

Invited speakers:

Same speakers from S27

**S33 : COVID-19 IMMUNOLOGY: THE IMMUNE RESPONSE TO SARS-COV-2
IN TROPICAL COUNTRIES**

13.10-14.10hr

Room A

Chairperson :

I. Prof. Susanna Dunachie

Invited speakers:

1. ANTIBODY AND T CELL RESPONSES TO SARS-COV-2 FOLLOWING COVID-19 IN DHAKA, BANGLADESH: THE IMPACT OF DIABETES MELLITUS

Dr. Mohammad Ali

Centre for Tropical Medicine and Global Health, University of Oxford, UK

2. IMMUNE RESPONSES TO SARS-COV-2 IN KENYA

Dr. Francis Ndungu

KEMRI Wellcome Trust Research Program

3. Immunity to SARS-CoV-2 in the Vietnamese population conferred by natural infection and vaccination

Assoc. Prof. Le Van Tan

Centre for Tropical Medicine, Oxford University Clinical Research Unit

Thursday 16 December 2021

**S34 : SEROEPIDEMIOLOGY OF MALARIA FOR VACCINE ANTIGENS
AND BIOMARKERS DISCOVERY**

13.10-14.10hr

Room B

Chairperson :

I. Dr. Eizo Takashima

Invited speakers:

**1. MALARIA VACCINE ANTIGEN DISCOVERY AND INITIAL CHARACTERIZATION
LEVERAGING THE WHEAT GERM CELL FREE SYSTEM**

Assist. Prof. Bernard Kanoi and Dr. Eizo Takashima

Division of Malaria Research, Proteo-Science Center, Ehime University, Matsuyama, Ehime Japan

2. SEROLOGICAL PROFILING OF PLASMODIUM VIVAX EXPOSURE

Dr. Sadudee Chotirat

Faculty of Tropical Medicine, Mahidol University (Mahidol Vivax Research Unit (MVRU))

**3. MULTI-OMICS CHARACTERIZATION OF THE MOLECULAR MECHANISMS UNDERLYING
MALARIA PROTECTION: IMPLICATION FOR VACCINE DISCOVERY**

Dr. Carla Proietti and Prof. Denise Doolan

Australian Institute of Tropical Health and Medicine, James Cook University

13.10-14.10hr

Room C

Chairperson :

I. Ms. Lusiana Lim

Invited speakers:

1. APPLICATIONS AND METHODOLOGIES OF DROPLET DIGITAL PCR (DDPCR) FOR DEVELOPMENT OF VACCINE

Dr. Alfred Chan

Bio-Rad Laboratories

2. DROPLET DIGITAL POLYMERASE CHAIN REACTION (DDPCR) FOR THE DETECTION OF PLASMODIUM KNOWLESII AND PLASMODIUM VIVAX

Prof. Yee Ling Lau

Universiti Malaya

3. THE USE OF BIO-PLEX SARS-COV-2 NEUTRALIZATION ANTIBODY ASSAYS TO STUDY VACCINE EFFICACY AND ANTIBODY RESPONSES TO ARISING VARIANTS OF CONCERN.

Ms. Angele Koh

Other (Bio-Rad Laboratories (S) Pte Ltd)

13.10-14.10hr

Room D

Chairperson :

1. Assoc. Prof. Dr.Aongart Mahittikorn

Invited speakers:

1. PATHOGENIC FREE-LIVING AMOEBA FROM VARIOUS WATER SOURCES IN SOUTHERN THAILAND

Ms.Thitiporn Promnil

Faculty of Science, Prince of Songkla University

2. PREVALENCE OF TOXOPLASMOSIS AND ITS ASSOCIATED FACTORS AMONG SLAUGHTERHOUSE WORKERS IN YANGON REGION, MYANMAR

Dr. Nay Hein Sint

Defence Services Medical Academy, Yangon, Myanmar

3. SEROLOGICAL DETECTION OF TOXOPLASMA GONDII AMONG FREE-GRAZING DUCKS FROM CENTRAL THAILAND

Ms.Thi Thuy Nguyen

Department of Parasitology, Faculty of Veterinary Medicine, Kasetsart University

4. MORPHOLOGICAL CHARACTERIZATION AND GENETIC IDENTIFICATION OF CERCARIAE FROM INFECTED SNAILS INTERMEDIATE HOST, GENUS STENOMELANIA IN SATUN PROVINCE, THAILAND

Mr. Kitja Apiraksena

Faculty of science, Silpakorn University

13.10-14.10hr

Room E

Chairpersons:

1. Assist. Prof. Teera Kusolsuk
2. Mrs. Oranard Wattanawong

Invited speakers:

1. SEMI-DOMESTICATED DOGS AS A POTENTIAL SOURCE FOR ZONOTIC SOIL TRANSMITTED HELMINTHS IN BANGKOK, THAILAND

Assist. Prof. Tawin Inpankaew

Department of Parasitology, Faculty of Veterinary Medicine, Kasetsart University

2. FISH-BORNE PARASITE: SITUATION AND INTEGRATION

Dr. Choosak Nithikethkul

Faculty of Medicine, Mahasarakham University

3. USING OF POLYMERASE CHAIN REACTION-RESTRICTION FRAGMENT LENGTH POLYMORPHISM FOR DETECTING SOIL-TRANSMITTED HELMINTH (GENUS TRICHOSTRONGYLUS) IN LIVESTOCK, FARMERS, AND ENVIRONMENT

Assoc. Prof. Sivapong Sungpradit

Faculty of Veterinary Science, Mahidol University

14.20-15.30hr

Room A

Chairperson :

1. Prof. Lisa J White
2. Assoc. Prof. Wirichada Pan-ngum

Invited speakers:

1. PERCOLATION ACROSS HOUSEHOLDS IN MECHANISTIC MODELS OF NON-PHARMACEUTICAL INTERVENTIONS IN SARS-COV-2 DISEASE DYNAMICS

Ms. Caroline Franco

Institute of Theoretical Physics, Sao Paulo State University

2. MODELLING OF HEALTH IT INVOLVED STRATEGIES IN CROSS BORDER CONTROLLING OF COVID-19

Mr. Vidhyakorn Mahd-Adam

Faculty of Tropical Medicine, Mahidol University (Tropical Hygiene)

3. BANGLADESH- COVID-19: CONTEXT, ENGAGEMENT AND MODELLING, MILESTONES

Assoc. Prof. Mofakhar Hussain

University of Toronto

14.20-15.30hr

Room B

Chairperson :

1. Prof. John H Adams
2. Prof. Kesinee Chotivanich

Invited speakers:

1. AN OVERVIEW OF PATHOPHYSIOLOGY OF MALARIA THE EFFECTS OF TEMPERATURE ON PLASMODIUM FALCIPARUM DEVELOPMENT

Ms. Yutatirat Singhaboot

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

2. ARTEMISININ RESISTANCE HIJACKS THE PLASMODIUM FALCIPARUM HEAT SHOCK RESPONSE

Prof. John Adams

University of South Florida

3. TRANSCRIPTIONAL REGULATION OF THE PLASMODIUM FALCIPARUM PROTECTIVE HEAT-SHOCK RESPONSE

Prof. Alfred Cortes

ISGlobal

14.20-15.30hr

Room C

Chairperson :

I. Asst. Prof. Supachai Topanurak

Invited speakers:

1. EPIGENETIC CONTROL OF PRIMARY EFFUSION LYMPHOMA

Prof. Seiji Okada

Joint Research Center for Human Retrovirus Infection, Kumamoto University

2. ANTIBODY IMMUNOTHERAPY FOR VIRUS-RELATED LYMPHOMA

Dr. Jutatip Panaampon

Division of Hematopoiesis, Joint Research Center for Human Retroviral Infection, Kumamoto University, Japan

14.20-15.30hr

Room D

Chairperson :

1. Assoc. Prof. Narisara Chantratita
2. Dr. Vanaporn Wuthiekanun

Invited speakers:

1. **HUMAN LEUKOCYTE ANTIGEN (HLA) AND SUSCEPTIBILITY TO VIRAL AND BACTERIAL INFECTIONS**

Dr. Sadeep Medhasi

Faculty of Tropical Medicine, Mahidol University (Microbiology and Immunology)

2. **ALTERED T CELL IMMUNOMETABOLISM IN DIABETES-IMPACT ON SUSCEPTIBILITY AND IMMUNE RESPONSE TO MELIOIDOSIS**

Dr. Barbara Kronsteiner-Dobramysl

Oxford Center for Global Health Research, NDM, University of Oxford

3. **INCREASED KNOWLEDGE AND AWARENESS OF MELIOIDOSIS IN THAILAND: A COMMUNITY-BASED PARTICIPATORY ACTION ANALYSIS**

Ms. Rungnapa Phunpang

Faculty of Tropical Medicine, Mahidol University (Microbiology and Immunology)

14.20-15.30hr

Room E

Chairperson :

I. Assoc. Prof. Kraichat Tantrakarnapa

Invited speakers:

- 1. CAPACITY BUILDING FOR ENVIRONMENTAL RISK MANAGEMENT AMONG VILLAGE HEALTH VOLUNTEERS IN SURIN PROVINCE, THAILAND: STEP TOWARDS ACHIEVING THE SUSTAINABLE DEVELOPMENT GOALS**

Assoc. Prof. Orawan Kaewboonchoo

Faculty of Public Health, Mahidol University

- 2. AN EMERGING LINK BETWEEN PHTHALATES EXPOSURE AND CYTOKINE ALTERATION TO DEVELOP TYPE 2 DIABETES**

Assoc. Prof. Karunee Kwanbunjan

Faculty of Tropical Medicine, Mahidol University (Tropical Nutrition and Food Science)

- 3. STRENGTHENING COMMUNITY CAPACITIES FOR ENVIRONMENTAL HEALTH MANAGEMENT IN THAILAND**

Assist. Prof. Plernpit Boonyamalik

Faculty of Public Health, Mahidol University

Thursday 16 December 2021

S43: PLENARY LECTURE 2: MELIOIDOSIS – NEGLECTED FOR FAR TOO LONG

Room C and Room D

09.00-09.30hr

Plenary Lecture 2 Room C and D

Chairperson :

I. Dr. Claire Chewapreecha

Invited speakers:

I. MELIOIDOSIS - THE BEGINNINGS

Prof. David Dance

University of Oxford/London School of Hygiene and Tropical Medicine

09.40-10.40hr

Room A

Chairperson :

I. Mr. Amnat Khamsiriwatchara

Invited speakers:

1. INCREASE EFFICIENCY OF DATA MANAGEMENT PROCESS THROUGH AUTOMATED REPORTS

Assist. Prof. Saranath Lawpoolsri

Faculty of Tropical Medicine, Mahidol University (Tropical Hygiene)

2. E-CONSENT FOR CLINICAL TRIALS DURING COVID

Mr. Darryl Pahl

DF/Net Research, Inc.

3. USING MOBILE APPS TO INCREASE SUBJECT ENGAGEMENT

Ms. Lisa Ondrejcek

DF/Net Research, Inc.

09.40-10.40hr

Room B

Chairperson :

1. Dr. Suparat Phuanukoonnon

Invited speakers:

1. THE ACCEPTABILITY OF TARGETED MASS TREATMENT WITH PRIMAQUINE FOR LOCAL ELIMINATION OF VIVAX MALARIA IN BANMAUK TOWNSHIP OF SAGAING REGION, MYANMAR: A MIXED-METHODS STUDY

Dr. Pyae Linn Aung

Myanmar Health Network Organization

2. COMMUNITY ACCEPTABILITY OF MASS DRUG ADMINISTRATION WITH PRIMAQUINE FOR PLASMODIUM VIVAX ELIMINATION IN SOUTHERN THAILAND: A MIXED METHODS APPROACH

Dr. Sayambhu Saita

Faculty of Public Health, Thammasat University, Lampang, Thailand

3. SURVEY OF KNOWLEDGE, ATTITUDES, AND PRACTICES REGARDING MALARIA IN AN INFORMAL GOLD-MINING SETTLEMENT IN THE MALARIA-ENDEMIC GAMBELLA REGION OF ETHIOPIA

Ms. Natasha Glendening

University of California Irvine

09.40-10.40hr

Room C

Chairperson :

1. Dr. Kelwalin Dhanasarnsombut

Invited speakers:

1. John McConnell
Editor-in-Chief, The Lancet Infectious Diseases
 2. Ylann Schem
Director of the Elsevier Foundation and Corporate Responsibility at Elsevier
-

09.40-10.40hr

Room D

Chairperson :

1. Assist. Prof. Muthita Vanaporn
2. Assoc. Prof. Dr. Nathamon Kosoltanapiwat

Invited speakers:

1. **IMPACT OF EARLY DETECTION MULTI-DRUG RESISTANT TUBERCULOSIS ON TIME TO SPUTUM CONVERSION**

Mrs. Samorn Numpong

Faculty of Tropical Medicine, Mahidol University (Tropical Hygiene)

2. **AN EFFICIENT AND RAPID MICROINJECTION METHOD TO GENERATE ORIENTIA TSUTSUGAMUSHI INFECTED LEPTOTROMBIDIUM MITES.**

Dr. Piyada Linsuwanon

Armed Forces Research Institute of Medical Sciences

3. **DISTRIBUTION OF LEPTOSPIRA SPP. IN THE LOW INCIDENCE CASE AREAS: MILITARY HUMANITARIAN MISSIONS**

Dr. Panadda Krairojananan

USAMD-AFRIMS

4. **PRODUCTION AND EVALUATION OF RICKETTSIA TYPHI RECOMBINANT 17-KDA PROTEIN FOR SERODIAGNOSIS OF MURINE TYPHUS**

Mrs. SABREEN AHAD

Faculty of Tropical Medicine, Mahidol University (Microbiology and Immunology)

Friday 17 December 2021

**S48 : EXPERIENCE AND SUCCESS OF PREVENTION AND CONTROL OF COVID-19
OUTBREAK IN PRISONS** **USSEYAYUWEEBKAATHONGKOR [ENGLISH LANGUAGE]**
(SPONSORED BY MOPH)

09.40-10.40hr

Room E

Chairperson :

1. Dr.Preecha Preampree

Invited speakers:

1. DISEASES PREVENTION AND CONTROL REGARDING “THE ROYAL GOOD HEALTH GOOD HEART PROJECT” AND PRISON MANAGEMENT AMIDST THE COVID-19 CRISIS IN THAILAND.

Dr. Subin Chewprecha and Dr. Pahurat Kongmuang Taisuwan

*Bureau of the Royal Household; Secretariat Office of the Royal Development Projects Committee,
Department of Disease Control, Ministry of Public Health*

2. COVID-19 OUTBREAK CONTROL AND THE NOW NORMAL IN PRISON SETTINGS

Prof.WISIT WISITSORA-AT

Ministry of Justice

3. FUTURE PREPAREDNESS AND RESPONSE TO COVID-19 OUTBREAK IN PRISONS

Dr.Anupong Sujariyakul

Department of Disease Control

10.50-11-50hr

Room A

Chairperson :

1. Dr.Chaninan Chaninan

Invited speakers:

1. OVERVIEW OF THAILAND COVID-19 VACCINATION ROLL-OUT

Dr. Chaninan Sonthichai

Department of Disease Control, Ministry of Public Health

2. IMPLEMENTATION OF COVID-19 VACCINATION

Mrs. Piyada Angsuwatcharakon

กสพคจวสุภมว

3. MONITORING OF COVID-19 VACCINATION COVERAGE

Mr. Padejsak Chobtum

Department of Disease Control, Ministry of Public Health

10.50-11-50hr

Room B

Chairperson :

- I. Dr. Stefan Fernandez

Invited speakers:

1. RESURGENCE OF CHIKUNGUNYA IN THE KINGDOM OF CAMBODIA: FEBRILE AND ENTOMOLOGICAL SURVEILLANCE

Ms. Daliya Nop
Vysnova Parner

2. EVIDENCE OF POSSIBLE LONG-TERM ENDEMICITY OF CHIKUNGUNYA TRANSMISSION IN SOUTHERN THAILAND

Dr. Kathryn Anderson
AFRIMS

3. SAFETY AND LONG-TERM IMMUNOGENICITY OF A CHIKUNGUNYA VIRUS-LIKE PARTICLE (CHIKV VLP) VACCINE

Ms. Sarah Royalty Tredo
Emergent Biosolutions

Friday 17 December 2021

S51 : THE OECD GLP PRECLINICAL TOXICITY TESTING ON VARIOUS BIOLOGICAL SYSTEMS IN THAILAND (SPONSORED BY TCELS)

10.50-11-50hr

Room C

Chairperson :

1. Dr.Amon Praduptong

Invited speakers:

1. **CYTOTOXICITY OF HERBAL EXTRACTS WITH OECD GLP COMPLIANCE**

Assist. Prof. Sarawut Jindarat
Phramongkutklao College of Medicine

2. **BIOCOMPATIBILITY AND TOXICITY TESTING OF PRODUCTS**

Dr. Sareeya Reungpatthanaphong
Biodiversity Research Centre, TISTR

10.50-11-50hr

Room D

Chairperson :

1. Asst. Prof. Dr. Wang Nguitragool
2. Dr. Wanlapa Roobsoong

Invited speakers:

1. HETEROGENEITY OF MULTIPLEX ANTIMALARIAL ANTIBODY RESPONSES CONFIRM STATUS OF HISTORICAL AND RECENT MALARIA TRANSMISSION IN ENDEMIC AREAS IN THE PHILIPPINES

Ms. Maria Lourdes Macalinao

London School of Hygiene and Tropical Medicine | Nagasaki University

2. A MULTI-COUNTRY EVALUATION OF A POINT-OF-CARE DIAGNOSTIC TO IDENTIFY GLUCOSE-6-PHOSPHATE DEHYDROGENASE DEFICIENCY.

Ms. Pooja Bansil

PATH

3. THE ROLE OF ANTI-MALARIAL IMMUNITY IN THE SPONTANEOUS CLEARANCE OF MOLECULAR-DETECTABLE PLASMODIUM SPP. INFECTION

Ms. Merryn Roe

Burnet Institute

4. OPENING THE POLICY BLACKBOX: UNRAVELLING THE PROCESS FOR CHANGING NATIONAL DIAGNOSTIC AND TREATMENT GUIDELINES FOR VIVAX MALARIA IN SEVEN COUNTRIES

Ms. Varunika Ruwanpura

Menzies School of Health Research, Charles Darwin University

5. USING ANOPHELES SALIVARY ANTIBODY BIOMARKERS TO ASSESS THE EFFECTIVENESS OF PERSONAL INSECT REPELLENT IN SOUTHEAST MYANMAR

Ms. Ellen Kearney

Burnet Institute

6. EFFECT OF ARTEMISININ RESISTANCE ON THE TRANSMISSION BLOCKING ACTIVITY OF PRIMAQUINE

Dr. Andrea Ruecker

Faculty of Tropical Medicine, Mahidol University (Mahidol-Oxford Tropical Research Unit)

7. LESSONS LEARNED FROM THE HISTORY OF THE MALARIA ELIMINATION IN YAEYAMA, OKINAWA, JAPAN-IN ORDER TO OVERCOME THE ERA OF INFECTIOUS DISEASES

Assist. Prof. Mika SAITO

Graduate School of Medicine, University of the Ryukyus

8. PHARMACOKINETIC AND PHARMACODYNAMIC INTERACTIONS OF THE TRIPLE COMBINATION OF DIHYDROARTEMISININ-PIPERAQUINE AND MEFLOQUINE IN HEALTHY THAI VOLUNTEERS

Dr. Kanoktip Puttaraksa

Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand

9. PHENOTYPIC AND GENOTYPIC ANALYSIS OF DIHYDROARTEMISININ-RESISTANT MALARIA PARASITE *PLASMODIUM FALCIPARUM*

Dr. Xiaoying Liang

University of South Florida

Friday 17 December 2021

ส53 : การป้องกันควบคุมโรคโควิด - 19 ในบุคลากรทางการแพทย์หรือโรงพยาบาล
[THAI LANGUAGE] (SPONSORED BY MOPH)

10.50-11-50hr

Room E

Chairperson :

Dr.Weerawat Manosuti

Invited speakers:

1. EVIDENCE ON SARS-COV-2 TRANSMISION AND PHYSICAL DISTANCING

Dr.Jurai Wongsawat

Bamrasnaradura Infectious Diseases Institute, Department of Disease Control

2. OPTIMIZED CLINICAL MANAGEMENT TO REDUCE COVID-19 OUTBREAK

Dr.Weerawat Manosuthi

Other (Other)

3. OPTIMAL COMPLIANCE WITH APPROPRIATE USE OF PPE TO REDUCE HAI

Mr.Visal Moolasart

Department of Pediatrics, Bamrasnaradura Infectious Disease Institute MOPH Thailand

13.10-14.10hr

Room A

Chairperson :

1. Assist. Prof.Dumrongkiet Arthan
2. Assoc. Prof.Narisara Chantratita

Invited speakers:

1. NATURAL HISTORY OF SARS-COV-2 VARIANTS

Prof.Wasun Chantratita

Medical Genomic Center, Faculty of Medicine, Ramathibodi Hospital

2. Immunity to SARS-CoV-2 from Past Infection and Vaccines in UK Healthcare workers

Assoc. Prof.Susanna Dunachie

Peter Medawar Building for Tropical research, Nuffield Dept of Medicine, University of Oxford, UK

3. CLASSES AND SUBCLASSES OF ANTIBODY RESPONSES TO SAR-COV-2 VARIANTS THROUGH NATURAL INFECTION AND IN RESPONSE TO VACCINES IN THAILAND

Dr. Prapassorn Poolchanuan

Faculty of Tropical Medicine, Mahidol University (Microbiology and Immunology)

Friday 17 December 2021

**S55 : TOOLS TO ELIMINATE FOREST-ACQUIRED MALARIA IN SOUTHEAST ASIA
(SPONSORED BY MORU)**

13.10-14.10hr

Room B

Chairperson :

1. Dr. Siv Sovannaroeth

Invited speakers:

1. **AN OPEN-LABEL INDIVIDUALLY RANDOMISED CONTROLLED TRIAL OF ARTEMETHER-LUMEFANTRINE ANTIMALARIAL PROPHYLAXIS VERSUS MULTIVITAMINS AMONG FOREST GOERS IN SOUTHEAST ASIA**

Dr. Rupam Tripura

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

2. **SCREEN AND TREAT STRATEGIES BY FOREST MALARIA WORKERS: RESULTS FROM A LARGE FIELD TRIAL**

Dr. Patrice Piola

No Affiliation now, the presented study was performed while at Institut Pasteur du Cambodge

3. **IMPORTANCE OF ADAPTIVE AND RESPONSIVE APPROACH TO DELIVER QUALITY MALARIA SERVICES TO DYNAMIC AT-RISK POPULATION IN CAMBODIA**

Mr. Lieven Vernaeve

Malaria Consortium

13.10-14.10hr

Room C

Chairperson :

1. Assist. Prof. Prakaykaew Charunwatthana
2. Assist. Prof. Wirongrong Chierakul

Invited speakers:

1. DOCTOR WHO GOT COVID-19

Dr. Nestor, Jr Arce

College of Medicine- Jose Maria College Foundation, Inc

2. Alveolar echinococcosis in Swiss Tropical Institute

Dr. Andreas Neumayr

Other (Swiss Tropical and Public Health Institute, Basel, Switzerland)

3. Exciting job with MSF

Dr. Lenin Daniel Martinez Aguilar

Other (Médecins Sans Frontières)

4. From Rickettsia to COVID-19 expert

Dr. Muhamad Yazli Bin Yuhana

Ampang putri KPJ specialist hospital, Kuala Lumpur

13.10-14.10hr

Room D

Chairperson :

I Assoc. Prof. Pornthep Chanthavanich

Invited speakers:

1. **HOW CAN AN INTERNATIONAL SOCIETY FACILITATE PROFESSIONAL EDUCATION AND TRAINING: PERSPECTIVES FROM THE INTERNATIONAL SOCIETY OF TRAVEL MEDICINE (ISTM)**

Prof. Gerard Flaherty

National University of Ireland Galway

2. **ONLINE TROPICAL MEDICINE EDUCATION: CHALLENGES AND OPPORTUNITIES**

Assoc. Prof. Brett Hendel-Paterson

Global Medicine Pathway, Division of General Internal Medicine, Department of Medicine, Medical School, University of Minnesota, USA

3. **TROPICAL AND TRAVEL MEDICINE EDUCATION IN THE TROPICS**

Dr. Watcharapong Piyaphanee and Dr. Phimphan Pisutsan

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

Friday 17 December 2021

**S58 : Leaving no one behind” Lessons from COVID-19 response in Bangkok [Thai language]
(Sponsored by MOPH)**

13.10-14.10hr

Room E

Chairperson :

Dr.Vichan Pawun

Invited speakers:

1. DIVERSITY IN COVID RESPONSE, BKK EXPERIENCE

Dr.Vichan Pawun

Department of Disease Control, Ministry of Public Health

2. COVID AND MARGINALIZED URBAN COMMUNITIES

Mr.Surasak Thanaisawanyangkoon

World Health Organization, Thailand

Friday 17 December 2021

**S59 : CLOSING KEYNOTE ADDRESS BY PROF. BANCHONG MAHAISAVARIYA,
PRESIDENT OF MAHIDOL UNIVERSITY**

14.20-15.00hr

Closing Ceremony

Chairperson :

I. Assoc. Prof. Weerapong Phumratanaprapin

Invited speakers:

I. Closing Keynote Address

Prof. Banchong Mahaisavariya
Other (Mahidol University)

Wednesday 15 December 2021

**S60 : 26TH CHAMLONG-TRANAKCHIT HARINASUTA LECTURE BY SIR JEREMY FARRAR,
DIRECTOR OF WELLCOME TRUST**

15.30-16.00hr

Opening Keynote Address

Chairperson :

I. Prof. Jetsumon Prachumsri

Invited speakers:

I. SCIENCE, INNOVATION AND SOCIETY IN THE 21ST CENTURY

Prof. Jeremy Farrar

Director, The Wellcome Trust

09.00-09.30hr

Room A

Chairperson :

1. Asst. Prof. Dr. Chawarat Rotejanaprasert

Invited speakers:

1. EPIDEMIOLOGY OF INTESTINAL PROTOZOAN INFECTION IN DOCTORS ATTENDING RESIDENCY TRAINING IN SAIFUL ANWAR GENERAL HOSPITAL IN MALANG, INDONESIA

Dr. Aulia Rahmi Pawestri

Faculty of Medicine Universitas Brawijaya

2. Estimates of people infected with soil-transmitted-helminthiasis and drug requirements for preventive chemotherapy in Ogun, Nigeria

Dr. Mogaji Hammed

Federal University Oye-Ekiti

- 3 THAI AEDES VECTORS SUSCEPTIBILITY TO SOUTH AMERICA ORIGIN ZIKA AND MAYARO VIRUSES

Dr. Ronald Enrique Morales Vargas

Faculty of Tropical Medicine, Mahidol University (Medical Entomology)

4. IMPORTANCE OF MEASURING ENTOMOLOGICAL ENDPOINTS BEYOND HUMAN LANDING RATES WHEN EVALUATING PYRETHROID BASED MOSQUITO BITE PREVENTION INTERVENTIONS

Mrs. Élodie Vajda

University of California San Francisco, Malaria Elimination Initiative

5. LABORATORY STUDIES OF OVIPOSITION SITE CHOICE OF TOXORHYNCHITES SPLENDENS: ROLE OF CONSPECIFIC LARVAE AND PREDATOR-PREY INTERACTIONS

Dr. Siriporn Phasomkusolsil

USAMD-AFRIMS

JITMM2021

Friday 17 December 2021

S62 : NO SESSION

09.00-09.30hr

Room B

09.00-09.30hr

Room C

Chairperson :

1. Dr. Hisham Imad

Invited speakers:

1. DETERMINATION OF THE DIAGNOSTIC POTENTIAL OF AN ELISA ZIKA/DENGUE SEROLOGICAL PARAMETER IN DISTINGUISHING ZIKA VERSUS DENGUE INFECTION

Ms. Micaella Dato

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

2. IDENTIFICATION OF GENETIC REGIONS AFFECTING PROLIFERATION AND INFECTIVITY OF DENGUE VIRUS TYPE 2

Mr. Yoshihiro Samune

Osaka university

3. LIVER INVOLVEMENT IN ADULT PATIENTS WITH CHIKUNGUNYA AT THE HOSPITAL FOR TROPICAL DISEASES AND BAMRASNARADURA INFECTIOUS DISEASES INSTITUTE, THAILAND

Dr. Punyavee Srikin

Bamrasnaradura Infectious Disease Institute

4. GENETIC DIVERSITY OF DENGUE VIRUS IN CLINICAL SPECIMENS FROM BANGKOK, THAILAND, DURING 2018-2020: CO-CIRCULATION OF ALL FOUR SEROTYPES WITH MULTIPLE GENOTYPES AND/OR CLADES

Ms. Kanaporn Poltep

Faculty of Tropical Medicine, Mahidol University (Microbiology and Immunology)

JITMM2021

Friday 17 December 2021

S64 : NO SESSION

09.00-09.30hr

Room D

09.00-09.30hr

Room E

Chairperson :

1. Dr. Suparat Phuanukoonnon

Invited speakers:

1. PEOPLE'S PERCEPTIONS TOWARDS SCABIES BASED ON THEIR AGE, GENDER, AND EDUCATIONAL BACKGROUND

Dr.Yulia Dwi Setia

Department of Parasitology Brawijaya University

2. RISK STATUS FOR SPREAD OF EXTENDED SPECTRUM β -LACTAMASE PRODUCING ENTEROBACTERIACEAE THROUGH MARKETPLACES AROUND HOSPITAL AREAS OF KATHMANDU

Ms. Jenny Shah

Tribhuvan University

3. IMMINENT DANGERS OF COMMUNITY-LEVEL SPREAD OF EXTENDED SPECTRUM β -LACTAMASE PRODUCERS THROUGH FRESH PRODUCE SOLD IN MAJOR MARKETS OF KATHMANDU

Mr.Ashish Bhusal

National College, Nepal

4. A SHINY WEB-APPLICATION FOR POPULATION PHARMACOMETRIC SIMULATIONS

Mr. Prasert Yodsawat

Mahidol Oxford Tropical Medicine Research Unit (MORU)

12.00-13.00hr

E-poster

Invited speakers:

1. TARGET-SITE MUTATION OF RDL GENE AND INSECTICIDE SUSCEPTIBILITY IN FIPRONIL- AND PYRETHROID-RESISTANT Aedes Aegypti MOSQUITOES FROM NAKHON PATHOM AND KANCHANABURI PROVINCES

Dr. Jakkrawarn Chomposri

National Institute of Health, Department of Medical Sciences

2. PREGNANCY OUTCOMES AND INFANTS BORN TO ZIKA INFECTED WOMEN, THAILAND, 2016–2020

Ms. Nattiporn Thepwilai

Division of Vector Borne Diseases, Department of Disease Control

3. A DEVELOPMENT HEALTH LITERACY OF ZIKA SCALE FOR THE REPRODUCTIVE AGE WOMEN IN UPPER CENTRAL REGION THAILAND

Dr. Samran Siriphakhamongkhon

OPDC. 3 Nakhon Sawan CDC. Thailand

4. NOVEL MULTILOCUS SEQUENCE TYPES OF CARBAPENEM RESISTANT PSEUDOMONAS AERUGINOSA STRAINS FROM A MALAYSIAN TERTIARY HOSPITAL

Ms. Kalaivani Kalai Chelvam

Department of Medical Microbiology, Faculty of Medicine, University Malaya

5. GAINS IN LIFE EXPECTANCY DUE TO ELIMINATING CAUSE OF DEATH; TUBERCULOSIS DISEASE IN THAI PEOPLE

Dr. Sawanya Siriphakhamongkhon

Office of Disease Prevention and Control 3, Department of Diseases Control, Ministry of Public Health

6. THE STUDY OF DEMOGRAPHIC CHARACTERISTICS IN TRAVELERS FROM ABROAD DURING CORONA VIRUS DISEASE 2019, THAILAND

Mr. Kittipat Worachet

Division of International Disease Control Ports and Quarantine

7. EPIDEMIOLOGICAL STUDY ON CORONAVIRUS DISEASE 2019 (COVID-19) CASES IN THE STATE QUARANTINE SITES

Mr. Thawabhorn Jannok

Department Of Disease Control

8. THE PROTEOMIC ANALYSIS OF EXTRACELLULAR VESICLES DERIVED FROM PLASMODIUM FALCIPARUM-INFECTED RED BLOOD CELLS DURING GROWTH DEVELOPMENT

Asst. Prof. Dr. Ladawan Khowawisetsut
Faculty of Medicine Siriraj Hospital, Mahidol University

9. MOLECULAR SURVEILLANCE OF KELCH13 (pfc13) AND PLASMEPSIN-2 (pfp2) GENES IN PLASMODIUM FALCIPARUM ISOLATES IN MALAKA DISTRICT, WEST TIMOR, INDONESIA

Ms. Ayleen Kosasih
University of Indonesia

10. SENSITIVITY AND SPECIFICITY OF LAMP TESTS FOR MALARIA DIAGNOSIS USING DRIED-BLOOD SAMPLES OF SUSPECTED MALARIA PATIENTS IN LAO PDR

Dr. Moritoshi Iwagami
National Center for Global Health and Medicine (NCGM))

11. DENSITY DETECTION OF PLASMODIUM FALCIPARUM GAMETOCYTES IN SAMPLES FROM THAI MALARIA PATIENTS USING A QUANTITATIVE REAL TIME RT-PCR ASSAY

Ms. Sasikanya Thaloengsok
AFRIMS

12. HEALTH WORKER SKILLS AND ATTITUDES ON POINT-OF-CARE TESTING FOR GLUCOSE-6-PHOSPHATE DEHYDROGENASE DEFICIENCY FOR MALARIA CASE MANAGEMENT IN LAOS AND VIETNAM

Ms. Huyen Nguyen
PATH

13. IMPLEMENTATION OF THAILAND'S SUBNATIONAL VERIFICATION PROGRAM

Ms. PRAPARAT PROMEIANG
Bureau of Vector - borne Diseases, Department of Disease Control, Ministry of Public Health

14. THAILAND'S HOUSEHOLD MALARIA SURVEY 2020

Ms. Jerdsuda Kanjanasuwan
Division of Vector Borne Diseases

15. ENTOMOLOGICAL INOCULATION RATE (EIR) VALUE OF MALARIA TRANSMISSION IN MAMUJU DISTRICT (SULAWESI) AND SINTANG DISTRICT (KALIMANTAN), INDONESIA

Ms. Rizqiani Amalia Kusumasari
Universitas Gadjah Mada

16. MOLECULAR EPIDEMIOLOGY OF GIARDIA IN BLACK GOATS, PIGS AND CATTLES IN HAINAN, CHINA

Ms. Yuan Wang
Department of Pathogenic Biology, Hainan Medical University, Haikou, Hainan, China

17. MOLECULAR DETECTION AND GENOTYPING OF ENTEROCYTOZOOM BIENEUSI IN HUMANS FROM HAINAN PROVINCE OF CHINA: HIGH DIVERSITY AND UNIQUE ENDEMIC GENETIC CHARACTERISTICS,

Mr. Guangxu Ren
Department of Pathogenic Biology, Hainan Medical University, Haikou, Hainan, China

18. SEROLOGICAL INVESTIGATION OF TOXOPLASMA GONDII AND ANGIOSTRONGYLUS CANTONENSIS IN A LIVESTOCK VILLAGE IN HAINAN, CHINA

Dr. Tingting Li

Department of Pathogen Biology, Hainan Medical University, Haikou, Hainan, PR China

19. GENETIC CHARACTERIZATIONS OF CRYPTOSPORIDIUM SPP. IN WILD RATS, FARMED BAMBOO RATS AND ASIATIC BRUSH-TAILED PORCUPINE FROM HAINAN, CHINA.

Ms. Jiaqi Li

Department of Pathogenic Biology, Hainan Medical University, Haikou, Hainan, China

20. GENETIC CHARACTERISTICS AND PUBLIC HEALTH RISKS OF CRYPTOSPORIDIUM SPP. FROM PIGS AND BLACK GOATS IN HAINAN, CHINA

Mrs. Yu Qiang

Department of Pathogenic Biology, Hainan Medical University, Haikou, Hainan, China

21. FIRST CASE OF BALAMUTHIA MANDRILLARIS ENCEPHALITIS DIAGNOSED BY NEXT-GENERATION SEQUENCING AND PCR IN HAINAN, CHINA

Prof. Gang Lu

Hainan Medical University

22. INVESTIGATING THE PREVALENCE OF TRYPANOSOME INFECTION IN CATTLE IN NORTHERN UGANDA

Mr. Ross Watson

The University of Edinburgh

23. CURRENT INSECTICIDE SUSCEPTIBILITY STATUS ANOPHELES AND AEDES MOSQUITOES IN MALARIA AND DENGUE ENDEMIC AREAS, THAI-MYANMAR BORDER

Mr. Kanchon Pusawang

Department of Parasitology, Faculty of Medicine, Chiang Mai University

24. STEMONA COLLINSIAE AS BIOPESTICIDE FOR COCKROACH CONTROL

Dr. Aurapa Sakulpanich

Division of Pharmaceutical Sciences, Faculty of Pharmacy, Thammasat University

12.00-13.00hr

E-poster

Invited speakers:

1. **DECLINING OF DENGUE CASES DURING COVID-19 EPIDEMICS IN THAILAND, 2021**
Ms. Teeravadee Korphayakkhin
Department of Disease Control, Public Health Ministry
2. **EFFECTS OF SALIVARY PROTEINS ON DUCK TEMBUSU VIRUS REPLICATION AND INFECTION IN AEDES AEGYPTI SALIVARY GLAND**
Dr. Chalida Sri-in
Faculty of Veterinary Science, Chulalongkorn University
3. **SURVEY OF ANTIBIOTIC RESISTANCE ESCHERICHIA COLI AND KLEBSIELLA PNEUMONIAE FROM CANALS IN LAK SI DISTRICT, BANGKOK**
Dr. Woranich Hinthong
Princess Srisavangavadhana College of Medicine, Chulabhorn Royal Academy
4. **ESTABLISHMENT OF PSM ONLINE AMIDST THE NEW NORMAL OF COVID-19 PANDEMIC**
Ms. Thannikar Thongard
Division of Vector-Borne Diseases (DVBD), Department of Disease Control
5. **IMPLICATIONS OF COVID-19 PANDEMIC ON LIFE SCIENTISTS IN THE PHILIPPINES**
Dr. Pierangeli Vital
Natural Sciences Research Institute, University of the Philippines Diliman
6. **NEXT GENERATION SEQUENCING BASED SCREENING OF DIFFERENTIAL GENES EXPRESSION RELATED TO HUMAN IMMUNE RESPONSES INDUCED BY THIRD-STAGE GNATHOSTOMA SPINIGERUM LARVAE**
Ms. Pattarasuda Puasri
Faculty of Tropical Medicine, Mahidol University (Mahidol Vivax Research Unit (MVRU))
7. **MOLECULAR PROFILES OF MULTIPLE ANTIMALARIAL DRUG RESISTANCE GENES IN PLASMODIUM FALCIPARUM IN THE MANDALAY REGION, MYANMAR**
Ms. Huong Giang Le
Gyeongsang National University School of Medicine
8. **VECTOR COMPETENCE AND THE SUSCEPTIBILITY OF ANOPHELES PULLUS, AN. BELENRAE, AND AN. DIRUS TO VIVAX MALARIA-INFECTED BLOOD FROM THAI PATIENTS**
Dr. Ratawan Ubalee
AFRIMS

9. HOST BIOMARKERS FOR THE DIAGNOSIS OF SEVERE IMPORTED PLASMODIUM FALCIPARUM MALARIA

Dr. Leire Balerdi-Sarasola

Hospital Clinic of Barcelona and ISGlobal

10. EVALUATION OF TRANSMISSION BLOCKING CAPABILITY OF ANTIMALARIAL DRUGS AFTER MULTI-STAGE INHIBITION OF PLASMODIUM GAMETOCYTE THROUGH STANDARD MEMBRANE FEEDING ASSAYS

Dr. Amit Kumar

ICMR- National Institute of Malaria Research

11. PFDHFR AND PFDHPS GENE MUTATIONS IN PLASMODIUM FALCIPARUM ISOLATES FROM RANONG, THAILAND

Ms. Autchariya Thodsapol

Other (Faculty of Science, Prince of Songkla University)

12. REDUCED RISK OF PLACENTAL PARASITAEMIA ASSOCIATED WITH COMPLEMENT FIXATION ON PLASMODIUM FALCIPARUM BY ANTIBODIES AMONG PREGNANT WOMEN

Dr. Herbert Opi

Burnet Institute

13. ASEXUAL BLOOD STAGE PROFILES OF PLASMODIUM FALCIPARUM MALARIA AFTER TRIPLE ARTEMISININ-BASED COMBINATION THERAPY

Ms. Boontharik Boonrod

Faculty of Tropical Medicine, Mahidol University (Clinical Tropical Medicine)

14. NATURAL INFECTIONS WITH LARVAE OF ONCHOCERCA SPECIES TYPE IN THE HUMAN-BITING BLACK FLY, SIMULIUM NIGROGILVUM (Diptera: Simuliidae), IN CENTRAL THAILAND

Ms. Fan Huang

Department of Parasitology, Faculty of Medicine, Chiang Mai University

15. COMPARISON OF MODIFIED JONES' CULTURE MEDIUM AND POLYMERASE CHAIN REACTION (PCR) FOR DIAGNOSIS OF BLASTOCYSTIS HOMINIS INFECTION

Mr. Made Bayu Permasutha

Universitas Gadjah Mada

16. HIGHLY PREVALENT ASYMPTOMATIC CRYPTOSPORIDIOSIS IN HIV-POSITIVE CHILDREN WITH MILD IMMUNODEFICIENCY: A HOSPITAL-BASED STUDY IN YOGYAKARTA, INDONESIA

Dr. Ajib Diptyanusa

Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada

17. EPIDEMIOLOGY OF INTESTINAL PARASITE INFECTION AND ASSOCIATED RISK FACTORS AMONG THE SCHOOL CHILDREN IN THE PROVINCE OF MANZINI AND LUBOMBO, KINGDOM OF ESWATINI

Ms.AI-WEN YIN

Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University, Taipei, Taiwan

18. ESTABLISHMENT OF PCR ASSAY BASED ON 23S rRNA GENE FOR SPECIFIC DETECTION OF MYCOPLASMA SUIS INFECTION IN PIGS

Mr. Kritsada Thongmeesee

Parasitology Unit, Department of Pathology, Faculty of Veterinary Science, Chulalongkorn University

19. IDENTIFICATION OF CIRCULATING miRNA AS A POTENTIAL BIOMARKER FOR LYMPHATIC FILARIASIS

Assist. Prof .ANAND S B

Madurai Kamaraj University, INDIA

20. MAMMALIAN WOUND HEALING BY THE TREATMENT WITH EXCRETORY-SECRETORY PRODUCT AND LYSATE OF THE TREMATODE OPISTHORCHIS FELINEUS

Ms.Alena Tarasenko

Novosibirsk State University

21. ANALYSIS OF THE MICROBIOME OF THE HAMSTERS GASTROINTESTINAL TRACT DURING INFECTION WITH THE LIVER FLUKES OPISTHORCHIS FELINEUS, OPISTHORCHIS VIVERRINI AND CLONORCHIS SINENSIS

Mrs. Ekaterina Lishai

Institute of Cytology and Genetics, Siberian Branch of the Russian Academy of Sciences

22. QUALITY OF LIFE OF CHOLANGIOCARCINOMA PATIENTS AFTER BEING ADMINISTERED WITH THAI MEDICINAL CANNABIS

Mrs. Narisara Phansila

Medicine MSU

23. SLEEPING SPACE AND SLEEPING PATTERN AS FACTORS ASSOCIATING BED NET UTILIZATION AMONG KAREN POPULATION ALONG THE THAI-MYANMAR BORDER: MIXED-METHODS APPROACH

Ms. Kasama Pooseesod

Faculty of Tropical Medicine, Mahidol University (Tropical Hygiene)

24. KNOCKDOWN RESISTANCE MUTATIONS OF THE VOLTAGE-GATED SODIUM CHANNEL IN MYANMAR Aedes Aegypti MOSQUITOES

Mr.Tuan Cuong Vo

Gyeongsang National University, School of Medicine