



5TH INTERNATIONAL MALARIA WORKSHOP

CURRENT TOOLS TO COMBAT MALARIA



28 July – 01 August 2025



9.00 AM – 5.00 PM



Department of Parasitology
Faculty of Medicine
Universiti Malaya, Kuala Lumpur

FEES:

INTERNATIONAL
USD 450

LOCAL
RM 1000

REGISTER BY
30 JUNE 2025



ORGANIZING COMMITTEE

Advisor: Prof. Dr. Lau Yee Ling

Chairperson: Prof. Dr. Hesham M. Al-Mekhlafi

Secretary: Dr. Rajiv Ravi

Treasurer: Encik Awang Bhukhari bin Matsat

COMMITTEE MEMBERS

Prof. Datin Dr. Indra Vythilingam
Dr. Cheong Fei Wen
Dr. Wahib M. Atroosh
Dr. Lee Wenn Chyau
Dr. Tan Tiong Kai
Dr. Arutchelvan Rajamanikam
Dr. Karshini Jeya Pirathaba
Dr. Junaid Olawale Quazim
Dr. Aida Syafinaz Mokhtar
Dr. Lai Meng Yee
Dr. Tania Ivorra
Ms. Dzuzaini Mohd Ghazali
Mr. Mohamad Khairul Roslan
Mr. Mohd Redzuan Ahmad Naziri
Mdm. Sharifah Nor Akmar Syed Mohd
Mdm. Siti Aisah Samion
Mr. Muhammad Nabil Fikri Hashim



WORKSHOP PROGRAMME



DAY-1 (INTRODUCTORY) 28 JUL 2025

0830-0900	Registration - Opening ceremony
0900-0910	Welcoming address by Prof. Dr. Hesham Al-Mekhlafi (Workshop Chairman)
0910-0930	Welcoming address & Dept. presentation by Prof. Dr. Lau Yee Ling (Head of Department)
0930-0945	Official launching by the Dean of Faculty of Medicine
0945-1000	Welcoming tea
1000-1100	Emergence of zoonotic malaria as a threat to malaria global elimination Prof. Lau Yee Ling
1100-1200	Morphological differentiation of Plasmodium species Dr. Lee Wenn Chyau
1200-1300	Practical: Basic malaria microscopy Dr. Lee Wenn Chyau & Dr. Karshini Jeya
1300-1400	Lunch
1400-1430	Visiting arthropod containment level 1& 2 facilities Prof. Datin Dr. Indra Vythilingam & Dr. Rajiv Ravi
1430-1600	Visiting UM Botanical Garden Prof. Hesham, Dr. Aida Syafinaz, En. Mohd Rizuan & Puan Sharifah
1600-1700	Field work: Mosquito collection Dr. Junaid, Dr. Rajiv Ravi, En. Mohd Rizuan & Puan Sharifah

DAY -2 (VECTOR) 29 JUL 2025

0900-1030	Insights to vectors of malaria Prof. Datin Dr. Indra Vythilingam
1030-1100	Tea break
1100-1300	Practical (Student Lab): Mosquito identification Prof. Datin Dr. Indra Vythilingam & Dr. Junaid Quazim
1300-1400	Lunch
1400-1500	Control and intervention of malaria vectors- Ross-Macdonald model Prof. Datin Indra Vythilingam
1500-1530	Tea break
1530-1700	Practical: Mosquito mating & dissection Prof. Datin Dr. Indra Vythilingam & Dr. Junaid Quazim

DAY-3 (CULTURE AND MOLECULAR DIAGNOSTIC) 30 JUL 2025

0900-1000	<i>Plasmodium</i> in-vitro blood stage culture Dr. Cheong Fei Wen
1000-1030	Tea break
1030-1300	Practical: <i>Plasmodium knowlesi/falciparum</i> in-vitro culture 1 Dr. Cheong Fei Wen
1300-1400	Lunch
1400-1530	Molecular diagnostic tools for malaria Prof. Dr. Lau Yee Ling
1530-1600	Tea break
1600-1700	Practical: PCR and LAMP for malaria Prof. Dr. Lau Yee Ling & Dr. Lai Meng Yee



Photo taken during the previous workshops

DAY-4 (DRUG RESISTANCE & GIS) 31 JUL 2025

0900-1000	Practical: <i>Plasmodium knowlesi/falciparum</i> in-vitro culture 2 Dr. Cheong Fei Wen
1000-1030	Tea break
1030-1130	Assessment and monitoring antimalaria drug resistance Dr. Wahib M. Atroosh
1130-1300	Practical: antimalarial drug resistance molecular markers 1 (PCR amplification and RE digestion) Dr. Wahib M. Atroosh
1300-1400	Lunch
1400-1500	Introduction to geographic information system (GIS). Spatial and temporal analysis of malaria incidence and risk factors Dr. Phang Wei Kit
1500-1700	Practical: Introduction to GIS, creating database & spatial visualization Dr. Phang Wei Kit

DAY 5 (PHYLOGENETIC) 01 AUG 2025

0900-1000	Practical: antimalarial drug resistance molecular markers 2 (Data interpretation) Dr. Wahib Atroosh
1000-1030	Tea Break
1030-1130	Phylogenetics and molecular epidemiology of <i>Plasmodium knowlesi</i> Prof. Dr. Fong Mun Yik
1130-1300	Practical: Phylogenetic analysis Prof. Dr. Fong Mun Yik
1300-1400	Lunch
1400-1500	Insecticide resistance: Emerging mechanism & management in malaria control Dr. Rajiv Ravi & Dr. Junaid Quazim
1500-1600	Quiz and presentation of certificates
1600-1630	Closing ceremony by the Head of Department of Parasitology & Workshop Chairman
1630-1700	Tea Break

ORGANIZED BY:

**DEPARTMENT OF PARASITOLOGY
FACULTY OF MEDICINE
UNIVERSITI MALAYA
KUALA LUMPUR, MALAYSIA**



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REGISTER NOW

Only **20 seats**, early registration is strongly recommended. Submit your registration form and send payment proof to rajivravi@um.edu.my, no later than 30 June 2025



Photo taken during the previous workshop.

PAYMENT INFORMATION

Important:

Please email the payment proof to the secretariat at rajivravi@um.edu.my by 30th June, 2025.

Registration fee

Local: RM 1,000

International: USD 450

Your registration is considered complete only when you make the payment and provide us with the receipt. It is important for you to know that we only accept **UM E-pay mode of payment following the instructions below:**

1. Please log into: <https://epay.um.edu.my>. If you have not registered with UM-Epay, please do so first (**RIGESTER**) and then login.
2. Go to "HOME" tab >>Payment By PTJ/Faculty >> Faculty of Medicine>> **Dept. Parasitology – International Malaria workshop**
3. Fill in the Payment Information and followed by payer information
4. Official receipt will be issued after the payment is successful. Please click the "Print" button and you will see the dropdown item on the upper right corner. Please select "Save as PDF" to save it
5. Email the receipt of payment to rajivravi@um.edu.my to get verification

Registration Policy:

No phone registrations will be accepted. No registration will be processed without payment. Registration operates on a first-come, first-serve basis as availabilities are limited. The registration will end when all seats are filled. An e-mail confirmation of your registration will be sent upon receipt of your payment proof and registration form.

Registration fee covers lectures, bench and computer practical sessions, coffee/tea breaks and lunch for each day, a certificate, course materials and transport to fieldwork. The registration fee does not include travels and accommodation.

Accommodation:

All participants are responsible for making their own hotel reservations and transportation arrangements to the venue.

Cancellation Policy:

The registration fees is non-refundable but transferrable to substitute delegates without penalty.

Additional inquiries:

Please contact rajivravi@um.edu.my

