

Current Tools to Combat Malaria-with Special Focus on *Plasmodium knowlesi*

4-8th March 2019

Department of Parasitology, Faculty of Medicine, University of Malaya

Workshop Programme

4th March (Mon)	830-900	Registration
	900-915	Opening ceremony <i>Prof. Dr. Adeeba Kamarulzaman</i> (tentative)
	915-1000	Introduction and history of <i>Plasmodium knowlesi</i> <i>Prof. Dr. Fong Mun Yik</i>
	1000-1030	Tea break
	1030-1130	Public health importance of <i>knowlesi</i> malaria <i>Prof. Dr. Fong Mun Yik</i>
	1130-1230	Morphological differentiation of <i>Plasmodium</i> species <i>Prof. Dr. Rohela Mahmud and Dr. Amirah Amir</i>
	1230-1400	Lunch
	1400-1530	Practical: Basic malaria microscopy <i>Prof. Dr. Rohela Mahmud and Dr. Amirah Amir</i>
	1530-1600	Tea break
	1600-1700	Practical: MoticEasyScan <i>Lifetech Synergy (M) Sdn Bhd</i>
5th March (Tue)	900-1000	Molecular diagnostic tools for <i>knowlesi</i> malaria <i>Assoc. Prof. Dr. Lau Yee Ling</i>
	1000-1030	Tea break
	1030-1130	Practical: PCR and LAMP <i>Assoc. Prof. Dr. Lau Yee Ling and Dr. Jeremy R de Silva</i>
	1130-1300	Practical: <i>Plasmodium knowlesi</i> culture 1 <i>Dr. Cheong Fei Wen and Dr. Jonathan Liew</i>
	1300-1400	Lunch
	1400-1530	Practical: <i>Plasmodium knowlesi</i> culture 2 <i>Dr. Cheong Fei Wen and Dr. Jonathan Liew</i>
	1530-1600	Tea break
	1600-1700	Practical: <i>Plasmodium knowlesi</i> culture 3 <i>Dr. Cheong Fei Wen and Dr. Jonathan Liew</i>
6th March (Wed)	900-1000	Insights to vectors of <i>Plasmodium knowlesi</i> <i>Prof. Datin Dr. Indra Vythilingam and Assoc. Prof. Dr. Wan Yusoff</i>
	1000-1030	Tea break
	1030-1300	Practical: Mosquito identification <i>Prof. Datin Dr. Indra Vythilingam and Assoc. Prof. Dr. Wan Yusoff</i>
	1300-1400	Lunch
	1400-1530	Practical: Mosquito mating & dissection <i>Prof. Datin Dr. Indra Vythilingam and Assoc. Prof. Dr. Wan Yusoff</i>
	1530-1600	Tea break
	1600-1700	Practical: <i>Plasmodium knowlesi</i> culture 4 <i>Dr. Cheong Fei Wen and Dr. Jonathan Liew</i>
	7th March (Thurs)	900-1000
1000-1030		Tea break
1030-1130		Introduction to geographic information system (GIS) <i>Dr. Romano Ngui and Assoc. Prof. Aziz Shafie</i>

	1130-1230	Spatial and temporal analysis for epidemiology in Tropical Diseases <i>Dr. Romano Ngui and Assoc. Prof. Aziz Shafie</i>
	1230-1400	Lunch
	1400-1700	Practical: Introduction to GIS, creating database & spatial visualization <i>Dr. Romano Ngui and Assoc. Prof. Aziz Shafie</i>
8th March (Fri)	900-1000	Spatial distribution, epidemiology, and genotyping of <i>Plasmodium knowlesi</i> among primates in Peninsular Malaysia <i>Prof. Reuben Sharma</i>
	1000-1030	Tea Break
	1030-1130	Phylogenetics and molecular epidemiology of <i>Plasmodium knowlesi</i> <i>Prof. Fong Mun Yik</i>
	1130-1230	The clinical features and management of <i>knowlesi</i> malaria <i>Dr. Timothy William</i>
	1230-1500	Lunch
	1500-1600	Quiz and presentation of certificate
	1600-1630	Closing ceremony <i>Prof. Datin Dr. Indra Vythilingam</i>
	1630-1700	Tea Break