

INTERNATIONAL COURSE ON DENGUE AND OTHER EMERGING ARBOVIRUSES, 2024.

PROGRAM OF PRACTICAL SESSIONS 26-30 AUGUST.

PRACTICAL COURSE			
GROUP 5 VECTOR CONTROL			
MONDAY 26			
TIME	TOPIC	PLACE	PROFESSOR
8:30	Conference: Main arbovirus vectors	Vector Control Classroom	Zulema Menendez, IPK, Cuba
	Conference: Chemical insecticide formulation for the control of <i>Aedes aegypti</i> . Efficacy and effectiveness tests		Domingo Montada, Maureen Leyva, IPK, Cuba
	Conference: <i>Ae. aegypti</i> insecticide resistance. Susceptibility and/or resistance tests	Laboratory VECTOR CONTROL	Luis Augusto Piedra, IPK, Cuba
	Practical Activity: Susceptibility and/or resistance tests in mosquitos.		Maureen Leyva, Luis Augusto Piedra y Ilien Mitjans, IPK, Cuba
10:00-12:30 Group A	Practical Activity: Taxonomic classification of arbovirus vectors		Yanet Martinez, Zulema Menendez, Eric Camacho, IPK, Cuba
10:00-12:30 Group B	Practical Activity: Susceptibility and/or resistance tests in mosquitos.		Maureen Leyva, Luis A Piedra, Ilien Mitjans, IPK, Cuba
12:30	LUNCH		
14:00-16:30 Group B	Practical Activity: Taxonomic classification of arbovirus vectors	Vector Control Classroom	Yanet Martinez, Zulema Menendez, Eric Camacho, IPK, Cuba
14:00-16:30 Group A	Practical Activity: Susceptibility and/or resistance tests in mosquitos.	Laboratory VECTOR CONTROL	Maureen Leyva, Luis A Piedra, Ilien Mitjans, IPK, Cuba
TUESDAY 27			
8:30	Group organization GROUP 1 Activities of the <i>Aedes aegypti</i> control program in Cuba. Field activity GROUP 2 Methods for collecting adult mosquitos in urban settings	Field activity	DNVLA, MoH. Domingo Montada, Maureen Leyva, Ariamys Companioni, IPK, Cuba.
12:30	LUNCH		
14:00	Theoretical & Practical Activity	Laboratory VECTOR CONTROL	Zulema Menéndez, Yanet Martinez, Ariamys Companioni, IPK, Cuba

	Identification of mosquitos collected during the field activity. Group organization for viral detection		
Wednesday 28			
8:30	Conference: Importance of entomo-virological surveillance in the arbovirus surveillance programs	Vector Control Classroom	Gladys Gutiérrez, IPK, Cuba
	Practical activity: RNA mosquito extraction	Laboratory VECTOR CONTROL	Gladys Gutiérrez, Yusimi Grant, Ariamys Companioni, IPK, Cuba
12:30	LUNCH		
14:00	Practical activity: Viral RNA detection by RT-PCR Results interpretation	Laboratory VECTOR CONTROL	Gladys Gutiérrez, Yusimi Grant, Ariamys Companioni, IPK, Cuba
THURSDAY 29			
8:30	Conference: Insect olfaction & vector control (recorded)	Vector Control Classroom	Anubis Vega-Rua, IPG, Guadeloupe
	Conference and demonstrative activity: New technology for vector control: Sterile Insect Technique	Laboratory VECTOR CONTROL	Rene Gato, Ilario Fuentes, Jorge Anaya, IPK, Cuba
12:30	LUNCH		
14:00	Conference and demonstrative activity: Parasitic nematodes for culicids control Rearing and maintenance methods, infective doses calculation	Laboratory VECTOR CONTROL	Zulema Menéndez, Israel García, Nell Cox, IPK, Cuba
Farewell dinner			
FRIDAY 30			
8:30	Conference: Vector Transmitted diseases and ONE Health Experiences of control methods in different regions. Perspectives and challenges of entomo-virological surveillance	Vector Control Classroom	Maria del C Marquetti, IPK, Cuba All students and professors
12:00	CLOSURE		

2D FLOOR PARASITOLOGY BUILDING