Vector Revolution IV

Building bridges between vectorial and evolutionary systems

Registration is compulsory at https://forms.gle/zmLPCLVQukbZgjyF7

Theme: *"A vector never walks alone"*

DRO IRD Campus, Montpellier, France **November 15th, 2023**

9:00 – 9:20 Diego Ayala, Meeting Presentation & Objectives

9:20 – 10.00 Rogerio Amino (Institut Pasteur, France)
Sporozoite biology and *Plasmodium* strategy of transmission to the vertebrate host
10:00 – 10:40 Virginia Howick (University of Glasgow, UK)
Environmental cues that shape *Plasmodium* transmission through its vector species

10:40 – 11:10 COFFEE BREAK

11:10 – 11:50 Olivier Duron (MIVEGEC, France)
The emerging diversity of tick-borne microbes: From tick-borne pathogens to nutritional endosymbionts
11:50 – 12:30 Eugénie Hébrard (PHIM, France)
Mechanisms of rice resistance and adaptation of Rice yellow mottle virus

12:30 – 14:00 LUNCH

14:00 – 14:40 Alvaro Molina-Cruz (NIH/NIAID, USA)
How the malaria parasite evades the mosquito inmmune response
14:40 – 15:20 Thomas Vial (Institut Pasteur, France)
Antiviral immune and metabolic factors in dengue virus-resistant wild mosquito populations

15:20 – 15:50 COFFEE BREAK

15:50 – 16:30 Soanandrasana Rahelinirina (IPM, Madagascar)
Ecology of plague transmission in Madagascar
16:30 – 17:10 Jessy Marlène Goupeyou (PAMCA, Cameroon)
Anopheles vector diversity and malaria transmission dynamics

17:20 – 17:40 Isabelle Morlais, Final Remarks & Meeting Closure

Funding:

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