

Medical Entomology & Biology of Disease Vectors 2015-2016

Head of Lab : Paul T. Brey Ph.D.

Email: p.brey@pasteur.la

Main objective of the lab

The main objective of our lab is to study the biology and ecology of arthropod vectors (mosquitoes, sandflies, ticks, snails, etc.), as well as the transmission cycles of the viruses, parasites and other microbial pathogens they transmit. Furthermore, we are working on ways to mitigate vector borne disease transmission in Lao PDR via vector control training programs.



Team:

Scientists:

1. Sébastien MARCOMBE, PhD
2. Khamsing VONGPHAILOTH, MD

Junior Scientists:

1. Phoutmany THAMMAVONG, MD
2. Julie BOBICHON, MS

Technicians:

1. Boutsady SOMPHONG
2. Somsanit CHONEPHESARATH
3. Nothasine PHOMMAVANH
4. Kaithong Lakeomany
5. Lae THUTKHIN
6. Khanthalak KHOUNSOMBAT, BS

PhD. Student:

1. Julie-Anne TANGENA, MS

Project carried on in the lab

- +Malaria vectors in Lao People's Democratic Republic and Thailand and capacity building in medical entomology (MALVEC)
- +Risk Of Vector-Borne Diseases In Relation To Rubber Plantations In Lao PDR (ECOMORE)
- +Risk of Vector-borne Diseases in Relation to Rubber Plantations in Côte d'Ivoire as compared to Lao PDR
- +Vector mapping, characterization of insecticide resistance of *Aedes* populations, and entomology capacity development in Lao PDR (ARBOVEC)
- +Efficacy of alternative larvicides for dengue vector control in semi-field trial