

# Educational activities

## Scientific communications

Marc Grandadam. Dengue and chikungunya. Towards a laboratory network for improved diagnosis in Lao PDR. Centre d'infectiologie Christophe Mérieux au Laos (CICML). 25-27 November 2013. Vientiane, Lao PDR.

Marc Grandadam. The emergence of chikungunya virus in Laos. Emerging infectious diseases in South East Asia. Phnom Penh, Cambodia. 9-11 March 2014.

Marc Grandadam. Dengue laboratory surveillance in Lao PDR. Regional Workshop Renewing National Dengue Strategies in GMS Innovative approaches to dengue prevention and control identifying new solutions for an old problem. Luang Prabang, Lao PDR, 26-27 March 2014.

Marc Grandadam. A Land of Arboviral Emergence: A New Frontier for Virus-Vector Research. Symposium of the Institut Pasteur International Network. Paris, France. September 10-13, 2014.

## Training of students

Name	Degree	Institution	Time period	Subject
Phouxai POUPHACHAN	-	Epidemiology and Prevention centre of the Lao Army	December 2013 - February 2014	General medical virology and arbovirology
Naticha INTHAVONG	Volunteer (Master 2)	Melbourne University of Sciences	February 2014	Discrimination of dengue 3 genotypes II and III by PCR-RFLP
Julie BOBICHON	Master 2	Université J Fourier, Grenoble, France	January-July 2014	Development of chikungunya virus IgM ELISA test
Siriphone	Master 2	Institut de la Francophonie pour la Médecine Tropicale	March-September 2014	Cohort follow up for Chikungunya and helminthes infections
Mingyuan Li	PhD	University of Hong Kong – Li Ka Shing Faculty of Medicine	June-July 2014	Interaction of KDLER with flavivirus (dengue serotypes-West Nile) cellular life cycles

Training of Table III: Synthesis of students and guest researchers welcomed in 2014.

## Scientific publications

Malayvanh Lao, Valérie Caro, Jean-Michel Thiberge, Phaitong Bounmany, Khamsing Vongpayloth, Philippe Buchy, Veasna Duong, Chansamone Vanhlasy, Jean-Marie Hospied, Manichanh Thongsna, Khamla Choumlivong, Phonesavanh Vongkhamchanh, Bounleua

Oudavong, Paul T. Brey and Marc Grandadam. Co-circulation of Dengue virus type 3 genotypes in Vientiane capital, Lao PDR. PlosOne. In press.

Okabayashi T, Sasaki T, Masrinoul P, Chantawat N, Yoksan S, Nitatpattana N, Chusri S, Morales Vargas R, Grandadam M, Brey PT, Soegijanto S, Mulyantno K, Churrotin S, Kotaki T, Faye O, Faye O, Sow Ab, Sall A, Puiprom O, Chaichana P, Kurosu T, Kato S, Kosaka M, Ramasoota P, and Ikuta K. Detection of chikungunya virus antigen by a novel rapid immunochromatographic test. J Clin Microbiol. In press

Demanou M, Pouillot R, Grandadam M, Boisier P, Kamgang B, Hervé JP, Rogier C, Rousset D, Paupy C. Evidence of dengue virus transmission and factors associated with the presence of anti-dengue virus antibodies in humans in three major towns in Cameroon. PLoS Negl Trop Dis. 2014 Jul 10;8(7)

### **Training sessions**

+Information on Chikungunya virus disease and diagnosis: Champasak Provincial Hospital, 103 Military Hospital and district hospitals (3 days, March 2014).

+Dengue virus diagnosis: Training sessions for staff and students (2 days, Mahosot Hospital, Vientiane Capital).

+Arbovirus et arboviroses: Institut de la Francophonie pour la Médecine Tropicale (1 journée, Novembre 2013).

