



September 18, 2010  
The RIHN Conference Hall, Kyoto, Japan

# The First International Symposium on Human and Monkey Malaria in Vietnam

## The Eco-Epidemiology of Sylvatic and Zoonotic Malaria

Recent discoveries, both in Southeast Asia and Africa, indicate that the host-specificity of malaria parasites that infect humans and other primates is less strict than previously thought. Zoonotic malaria may be common in forested areas where human and monkey populations overlap. This leads to the need for more intense collaboration between research groups that study the parasitology, entomology, epidemiology and environmental aspects of human and simian malaria. This symposium offers a forum for the exchange of ideas between researchers of human, primate and other malaria's, and will potentially lead to new and productive collaborative work between these disciplines.

9:00-9:10	Opening remarks	AKIMICHI Tomoya
9:10-9:25	Purpose of Symposium	NAKAZAWA Shūsuke
9:25-10:15	Keynote speech	
	The Khanh Phu Project: A long-term case study of the micro-epidemiology and control of malaria in Vietnam.	Ron P. MARCHAND
10:35-12:15	Session 1 Malaria Transmission in Khanh Ph	
	1. P arasite detection	
	Molecular epidemiology of simian malaria causing zoonosis in Vietnam: Studies on malaria parasites in salivary glands of mosquitoes and human blood.	MAENO Yoshimasa Richard CULLETON NAKAZAWA Shūsuke
	Identification of non-human primate malaria parasites from Khanh Phu. Detection of parasites from fecal samples.	
	2. Social aspects and behaviors	
	Human ecology, behavior and perceptions in relation to malaria among the Raglai people in Khanh Phu Commune, Vietnam.	TRƯƠNG Văn Món
	Primate's contribution to understanding malaria transmission in the Raglai of Khanh Phu.	Michael A. HUFFMAN
	Why <i>Anopheles dirus</i> is one of the most effective malaria vectors and most difficult to control.	NGUYỄN Tuyên Quang
13:30-15:40	Session 2 Sylvatic Malaria	
	1. Avian malaria	
	Avian malaria in wild and captive bird in Japan. Ecology of vector mosquitoes of avian malaria in urban Tokyo. Feeding pattern and incidence of avian malaria parasite in <i>Culex pipiens pallens</i> .	MURATA Koichi TSUDA Yoshio KIM Kyeong Soon
	2. Non-human primate malaria	
	Asian macaques. Detection of zoonotic simian malaria parasites by molecular diagnostic tools.	Anindya SINHA KAWAI Satoru
	3. Environment	
	Forest degradation and malaria vectors.	KOBAYASHI Shigeo
	4. Experimental new technique	
	Development of a simple and convenient device for the artificial feeding of mosquitoes.	MITSUI Yoshinori
16:00-18:00	Session 3 General Discussion on Future Directions	
	Where do we go from here?	Richard CULLETON
18:00	Closing remarks	MOJI Kazuhiko