

## Curriculum vitae

**NAME: Puckavadee Somwang**

### PERSONAL DETAILS:

Date of Birth	23 June 1981
Place of Birth	Chiang Mai, Thailand
Marital status	Single
Nationality	Thai
Religion	Buddhism
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### Academic Qualifications

1999-2002	B.Sc. (Medical Technology) Faculty of Associated Medical Sciences, Chiang Mai University, Thailand
2003-2005	M. Sc. (Parasitology) Faculty of Medicine, Chiang Mai University, Thailand
2006-2011	Ph.D. (Parasitology) Faculty of Medicine, Chiang Mai University, Thailand

### Research Grant

2006-2009	Royal Golden Jubilee Scholarship Program of the Thailand Research Fund (Grant No. PHD/0145/2549: 2549-2552)
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## **Experiences**

### **Research assistance:**

- “The emerging *Opisthrochis viverrini* infection in snails and cyprinoid fishes in sewage treatment wetlands and natural waters in Cambodia” under supported by The International Foundation for Science/Swedish International Development Cooperation Agency (IFS/SIDA)
- “Extensive study of the genetic evolution and phylogenetic of knockdown resistance gene (*kdr*) in *Aedes aegypti*” The University of Manchester, UK (August 2010 – March 2011)

### **Research of interest**

Medical Parasitology

Medical Entomology

### **Poster Presentation**

- 1) **Somwang P**, Prapanthadara L, Walton C, Somboon P. Enzymes-based resistant mechanism in pyrethroid resistant and susceptible *Aedes aegypti* strains from northern Thailand. RGJ-Ph.D. Congress XI. 1-3 April 2010, Pattaya, Thailand
- 2) **Somwang P**, Yanola J, Prapanthadara L, Walton C, Somboon P. Enzymes-based resistant mechanism in pyrethroid resistant and susceptible *Aedes aegypti* strains from northern Thailand. MEEGID X conference. 3-5 November 2010, Amsterdam, Netherlands

**Publications**

- 1) Somboon P, Thongwat D, **Somwang P**, Teng HJ, Tsuda Y, Tagaki M. The specific status of *Anopheles minimus* s.l. collected from Taiwan. Southeast Asian J Trop Med Public Health 2005; 36: 605-8.
- 2) Ngoen-klan R, Piangjai S, **Somwang P**, Moophayak K, Sukontason K, Sukontason KL, Sampson M, Irvine K. Emerging Helminths Infection in Snails and Cyprinoid Fish in Sewage Treatment Wetlands Waters in Cambodia. Asian Journal of Water, Environment and Pollution 2010; 7: 13-21.
- 3) Yanola J, Somboon P, Walton C, Nachaiwieng W, **Somwang P**, Prapanthadara L. High throughput assays for detection of the F1534C mutation in the voltage-gated sodium channel gene in permethrin-resistant *Aedes aegypti* and the distribution of this mutation throughout Thailand. Trop Med Int Health 2011; 16: 501-9.
- 4) **Somwang P**, Yanola J, Suwan W, Walton C, Lumjuan N, Prapanthadara L, Somboon P. Enzymes-based resistant mechanism in pyrethroid resistant and susceptible *Aedes aegypti* strains from northern Thailand. Parasitol Res 2011; 109(3): 531-7.