

## Curriculum vitae

### Name

Dr. Tawee Saiwichai



### Education

B.Sc., M.Sc., Ph.D. (Tropical Medicine)

**Phone No:** +66 (0) 2644 5130, 2354 8543-9 ext. 1202

**Fax No:** +66 (0) 2644 5130

**E-mail:** phtsw@mahidol.ac.th

**Website:** <http://phpr.ph.mahidol.ac.th>

### Field of Interest

-Parasitic Zoonoses

-Avian malaria (*Plasmodium gallinaceum*) in aspects of early detection by using molecular diagnosis, transmission, surveillance, epidemiology, and vaccination.

### Any honor, award received

-Grants for Development of New Faculty Staff year 2003-2006 by The Office of the Higher Education Commission.

## List of Publications

1. **Tawee Saiwichai**, Vanida Sangalangarn, Kawahara Ko-ichi, Yoko Oyama, Sirintip Chaichalotornkul, Somphong Narkpinit, Pongchai Harnyuttanakorn, Pratap Singhasivanon, Ikuro Maruyama, Salunya Tancharoen. Green tea supplement inhibition of HMGB1 release in rats exposed to cigarette smoke. Southeast Asian J Trop Med Public Health. 2010;41(1):250-258.
2. **Tawee Saiwichai**, Montree Maneepak, Pucharee Songprakhon, Pongchai Harnyuttanakorn and Suwannee Nithiuthai. Nested PCR Detecting *Plasmodium gallinaceum* in Chicken Fresh Blood. The Journal of Tropical Medicine and Parasitology 2009;32(2):75-81.
3. Pucharee Songprakhon, **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Suwannee Nithiuthai. *Plasmodium gallinaceum*: Specifically Recognized Antigens by Infected Sera. The Journal of Tropical Medicine and Parasitology 2009;32(1):17-22.
4. Tancharoen S, Dechkunakorn S, Nakaparksin J, **Saiwichai T**, Narkpinit S, Chaichalotornkul S, Oyama Y, Pre-clinical Assessment for the Impact of Secondhand Smoke Influences, Canadian Journal of Clinical Pharmacology (CJCP) IX<sup>th</sup> World Conference on Clinical Pharmacology and Therapeutics. 2008;Vol 15 (3) Fall : e752
5. **Tawee Saiwichai**, Sirintip Chaichalotornkul. Dog Heart Worm: Silent Epidemic for Urban Population. Journal of Public Health. 2008;38(1): 92-107.
6. **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Suwannee Nithiuthai. A simple method for isolation of *Plasmodium gallinaceum* from infected chicken red blood cells. The Journal of Tropical Medicine and Parasitology 2007;30(1):24-28.
7. **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Woraporn Sukhumavasi, Prayute Buddhirakkul, Adisak Bhumiratana, Jirasak Rojanapremsuk, Suwannee Nithiuthai. Diagnosis of *Plasmodium gallinaceum* in infected mosquitoes by multiplex PCR. The Journal of Tropical Medicine and Parasitology. 2007;30(2):76-80.
8. Pandii W, **Saiwichai T**, Silpanuntahul S, Porndamnerpong S. Effectiveness of vegetable washing in reducing *Ascaris suum* eggs in lettuce. J Public Health 2005; 35(1): 19-29.

9. Pucharee Songprakhon, Pongchai Harnyuttanakorn, **Tawee Saiwichai**, and Suwannee Nithiuthai. Detection of antibody titer against *Plasmodium gallinaceum* infected chicken by IFA and ELISA. Proceeding. Joint International Tropical Medicine. 2004;211.
10. Anuchai Niwetpathomwat, Pongsak Mapaisarnsub, Rangsak Jongjam, **Tawee Saiwichai**, Pongchai Harnyuttanakorn, Manop Muangyai, and Suwannee Nithiuthai. Vaccine efficacy of *Plasmodium gallinaceum* blood stages in chicken. Proceeding. Joint International Tropical Medicine. 2004;212.
11. **Tawee Saiwichai**, Montree Maneepak, Woraporn Sukumavasi, Pongchai Harnyuttanakorn, Prayute Buddhirakkul, Adisak Bhumiratana, Jirasak Rojanapremsuk, and Suwannee Nithiuthai. Diagnosis of avian malaria parasite in infected mosquito by Multiplex PCR. Proceeding. Joint International Tropical Medicine. 2004;209.
12. **Tawee Saiwichai**, Nuwannee Nithiuthai, Pongchai Harnyuttanakorn, and Kosum Charnsiri. Identification of avian malarial parasite in Thailand based on small subunit ribosomal RNA(ssrRNA). Proceeding. The 38<sup>th</sup> Kasetsart University Annual Conference. 2000;140.
13. **Tawee Saiwichai**, Nuwannee Nithiuthai, and Pongchai Harnyuttanakorn. Separation of malaria parasite from chicken infected red blood cells by differential centrifugation. Proceeding. The 38<sup>th</sup> Kasetsart University Annual Conference. 2000;141.