

Name: Assoc. Prof. Dr. Usa Lek-Uthai

Education

Degree	Major	University/Institute, Country graduated	Year of graduation
Dr.P.H.	Public Health Administration	Mahidol University, Thailand	2000
M.Sc.	Public Health (Infectious Diseases)	Mahidol University, Thailand	1986
B.HE.	Family Child and Mother Health	Sukhothai-Thammatirat University, Thailand	1987
B.N.H.	Nursing and Midwifery	Bhudhachinarat College of Nursing, Thailand	1979

Department and Faculty/Institute/College

Department of Parasitology and Entomology, Faculty of Public Health, Mahidol
University

Research interest and expertise

1. Molecular Diagnostic of Parasitology and Entomology
2. Molecular Epidemiology of Malaria
3. Molecular Susceptibility of *Anopheles* spp. to Malaria
4. Disease Evolution (Genetic Diversity of *Plasmodium* spp.)

Research or academic publications during last 5 years:

Laochan N, Zaloumis SG, Imwong M, **Lek-Uthai U**, Brockman A, Sriprawat K,

Wiladphaingern J, White NJ, Nosten F, McGready R. Intervals to *Plasmodium falciparum* recurrence after anti-malarial treatment in pregnancy: A longitudinal prospective cohort.

Malaria Journal 2015; 14:221.DOI 10.1186/s12936-015-0745-9 (ISI-2015, IF=3.11)

Sampaotong T, **Lek-Uthai U**, Roongruangchai J, Roongruangchai K. Viability and

morphological changes of *Acanthamoeba* spp. cysts after treatment with Effective microorganisms (EM). **J Parasit Dis** 2014. DOI: 10.13140/2.1.2748.9287

Eamkum P, Sungvornyothin S, Kritpetcharat O, Daduang J, **Lek-Uthai U**,

- Charentanyarak L, Kritpetcharat P. A single-round multiplex PCR assay for the identification of *Anopheles minimus* related species infected with *Plasmodium falciparum* and *Plasmodium vivax*. **Parasitology International** 2013, <http://dx.doi.org/10.1016/j.parint.2013.11.001>
- Cotama S, Dekumyoy P, Samung Y, **Lek-Uthai U**. Salivary glands proteins expression of *Anopheles dirus* fed on *Plasmodium vivax* and *Plasmodium falciparum* infected human blood. **J Parasitol Res** 2013; 6 pp, doi 10.1155/2013/535267.
- Prumongkol S, Panasoponkul C, Apiwathnasorn C, **Lek-Uthai U**. Biology of *Culex sitiens*: a predominant mosquito in Phang Nga, Thailand after a Tsunami. **J Insect Sci** 2012;12:1-8. (ISI-2010, IF=1.21)
- Kosaisavee V, Hastings I, Craig A, **Lek-Uthai U**. The genetic polymorphisms of *P. vivax* in endemic regions of Thailand. **Asian Pacific J Trop Med** 2011;931-6.
- Kosaisavee V, **Lek-Uthai U**, Suwanarusk R, Gruner AC, Russell B, Renia L, Snounou G. Genetic diversity in new members of the reticulocyte binding protein family in Thai *Plasmodium vivax* isolates. **PLoS ONE** 2012;7(3):e32105. (ISI-2010, IF=4.41)
- Phanpoowong T, Thongrungrat S, Komalamisra N, Russell B, Renia L, Lek-Uthai U. Dengue-2 virus susceptibility of a deltamethrin resistant strain of Thai *Aedes aegypti*. **Southeast Asian J Trop Med Public Health** 2012 May;43(3):1-7.
- Lek-Uthai U**, Rattanapreechachai P, Chohanadisai L. Bioassay and Effective Concentration of Temephos against *Aedes aegypti* Larvae and the Adverse Effect to Indigenous Predators: *Toxorhynchites splendens* and *Micronecta* Sp. **Asia J Public Health** May-Aug 2011;2(2)67-77.
- Kaewpongsri S, Sriprawat K, Suwanarusk R, Kyle DE, **Lek-Uthai U**, Leimanis M, Lwin KM, Phyto AP, Zwang J, Russell B, Nosten F, Renia L. The presence of leukocytes in *ex vivo* assays significantly increases the 50-percent inhibitory concentrations of artesunate and chloroquine against *Plasmodium vivax* and *Plasmodium falciparum*. **Antimicrob Agents Chemother** 2011 Mar;55(3):1300-4. (ISI-2010, IF=4.802)