



CURRICULUM VITAE

Asst. Prof. Dr. Duangdao (Nantakomol) Palasuwan

Faculty of Allied Health Sciences, Chulalongkorn University
Phyathai Road, Bangkok, THAILAND

Tel (66)-2-2181086 ext 335, Fax (66)-2-2183771

E-mail: nantadao@gmail.com

Education:

2001 B.Sc. (Medical Technology) (Honors), Naresuan University, Phitsanulok, THAILAND

2007 Ph.D. (Tropical Medicine), Mahidol University, Bangkok, THAILAND

Professional experiences:

May 2005-May 2007 Medical technologist (part time), Rajavithi Hospital, Bangkok, Thailand

January 2008-October 2008 Lecturer, Faculty of Allied Health Science, Naresuan University, Phitsanulok, Thailand

December 2008-present Lecturer, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok, Thailand

2013-present Assistant Professor, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok, Thailand

Fellowship/Grant/Award Information/Training:

2002-2007 The Royal Golden Jubilee Ph.D scholarship of the Thailand Research Fund (TRF)

2004 Training, the detection of microparticles, Faculty of Medicine, Universite de la Mediterranee, Marseille, France

2007 Training, the molecular function of circulating microparticles, Faculty of Medicine, University of Sydney, Australia

List of Publication:

1. Viriyavejakul P, Tangwanicharoen T, Punpoowong B, Chaisri U, Nantakomol D, Maneerat Y, Pongponratn E, Wilairatana P, Riganti M. **Cryptococcal meningitis in human immunodeficiency virus (HIV)-positive and HIV-negative patients.** *Southeast Asian J Trop Med Public Health* 2004; 35 Suppl 2: 33-8. (IF=0.607)
2. Nantakomol D, Chimma P, Day NP, Dondorp AM, Combes V, Krudsood S, Looareesuwan S, Pattanapanyasat K, Chotivanich K. **Quantitation of cell-derived microparticles in plasma using flow rate calibration.** *Southeast Asian J Trop Med Public Health* 2007; 39: 146-153. (IF=0.607)
3. Nantakomol D, Imwong M, Soontarawirat I, Kotjanya D, Khakhai C, Ohashi J, Nuchnoi P. **The absolute counting of red cell-derived microparticles with red cell bead by flow rate based assay.** *Cytometry B Clin Cytom.* 2009; 76(3):191-8. (IF=2.283)
4. Nantakomol D, Nuchnoi P, Noulisri E, Lerdwana S, Krisin S, Chanprasert S, Pattanapanyasat K. **Enumeration of the absolute CD4 T-lymphocyte count by cell-bead assay.** *Cytometry B Clin Cytom.* 2010;78(4):260-6. (IF=2.283)
5. Nantakomol D, Palasuwan A, Soogarun S. **Atomic force microscope imaging of red cell vesiculation.** *Eur J Haematol.* 2011; 86(3):276. (IF=2.6)
6. Nantakomol D, Dondorp AM, Krudsood S, Udomsangpetch R, Pattanapanyasat K, Combes V, Grau GE, White NJ, Viriyavejakul P, Day NP, Chotivanich K. **Circulating red cell-derived microparticles in human malaria.** *J Infect Dis.* 2011; 203(5):700-6. (IF=5.778)
7. Kraisin S, Naka I, Patarapotikul J, Nantakomol D, Nuchnoi P, Hananantachai H, Tsuchiya N, Ohashi J. **Association of ADAMTS13 polymorphism with cerebral malaria.** *Malar J.* 2011; 10: 366. (IF=3.4)
8. Nantakomol D, Palasuwan A, Chaowanathikhom M, Soogarun S, Imwong M. **Red cell and platelet-derived microparticles are increased in G6PD-deficient subjects.** *Eur J Haematol.* 2012; 89(5):423-9.(IF=2.6)
9. Nantakomol D, Paul R, Palasuwan A, Day NP, White NJ, Imwong M. **Evaluation of the phenotypic test and genetic analysis in the detection of glucose-6-phosphate dehydrogenase deficiency.** *Malar J.* 2013; 12(1):289. (IF=3.4)
10. Kraisin S, Palasuwan A, Popruk S, Nantakomol D. **Reduced ADAMTS13 activity is associated with an ADAMTS13 SNP, fever and microparticles in a malaria-like model.** *Malar J.* 2014; 13:3. (IF=3.4)
11. Chanda M, Suksom D, Nantakomol D, Palasuwan A. **Cell-derived microparticles after exercise in individuals with G6PD Viangchan.** *Clin Hemorheol Micro* 2015, 16;60(2):241-

51 (IF=3.4)

12. Palasuwan A, Palasuwan D, Mahittikorn A, Chiabchalard R, Combes V, Popruk S. **Subtype Distribution of *Blastocystis* in Communities along the Chao Phraya River, Thailand.** *Korean J Parasitol*. 2016;54(4):455-60. (IF=1.05)
13. Palasuwan D, Palasuwan A, Charoensappakit A, Nounsri E. **A novel flow cytometry-based method of analyzing Heinz bodies.** *Int J Lab Hematol* 2017; 39(1):68-75. (IF=2.4)
14. Chaowanathikhom M, Nuchnoi P, Palasuwan D. **Significance of 3'UTR and Pathogenic Haplotype in Glucose-6-Phosphate Deficiency.** *Lab Med* 2017; 48(1):73-88. (IF=1.265)
15. Kaewarsa P, Laiwattanapaisa W, Palasuwan A, Palasuwan D. **A new paper-based analytical device for detection of Glucose-6-phosphate dehydrogenase deficiency.** *Talanta*. 2017 Mar 1;164: 534-539. (IF=4.1)

Presentations:

Oral Presentations

- 2004 Joint International Tropical Medicine Meeting 2004 in title “Microparticles in malaria infection”, Ambassador Hotel, Bangkok, Thailand.
- 2005 Joint International Tropical Medicine Meeting 2005 in title “Microparticles in the blood circulation and the pathogenesis of severe malaria”, The Grad Hotel, Bangkok, Thailand.

Poster presentation

- 2006 RGJ-Ph.D. Congress VII in title of “Microparticles in the blood circulation of malaria patients”, Pattaya, Thailand 2006.

Current researches:

- Investigating the biology of microparticles
- Investigating the mechanisms of microparticle (MP) production by red blood cell, platelet and defining clinically useful biomarkers
- Dissecting the molecular mechanisms of host factor-rate of cell vesiculation interactions
- Defining the biology of physiologic MP and pathologic MP
- Immunophenotyping the physiologic MP and pathologic MP in leukemic patient
- Molecular analysis of gene controlling membrane protein for vesiculation