



CURRICULUM VITAE

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Education:

- 1996 B.Sc. (Medical Technology), Chulalongkorn University, Bangkok, THAILAND
- 1998 M.Sc. (Biotechnology), Chulalongkorn University, Bangkok, THAILAND
- 2010 Docteur en Science du Mouvement Humain, Université de Nice Sophia-Antipolis, Nice, FRANCE

Training :

- 2003 Six-month training at Clinique de Nutrition and L. Deloyer Laboratory for Experimental Surgery, Faculty of Medicine, Erasmus hospital, Université Libre de Bruxelles (ULB), BELGIUM

Professional certification : Medical Technologist, MT license

Professional experiences :

- 1998 to 1999 Medical Laboratory Technologist (Full-time)
Faculty of Allied Health Sciences, Chulalongkorn University
- 1998 to 2001 Medical Laboratory Technologist (Part-time)
Central Laboratory Division, Deja Hospital, Bangkok
- 2001 to 2002 Secretary of Faculty Administration Committee
Faculty of Allied Health Sciences, Chulalongkorn University
- 2002 to 2003 Assistant Dean for Student affairs
Faculty of Allied Health Sciences, Chulalongkorn University
- 2003 to 2004 Assistant Dean for Information Technology affairs
Faculty of Allied Health Sciences, Chulalongkorn University
- 1999 to 2005 Lecturer in the field of Medical Laboratory Technology and Hematology
- 2006 to 2010 Ph.D. candidate in Laboratoire Motricité Humaine, Education, Santé (LAMHES) Université de Nice Sophia-Antipolis, Nice, FRANCE
- 2006 to present Assistant Professor in Medical Laboratory Technology, Hematology section, Clinical Microscopy Research Unit, Department of Clinical Microscopy, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok, THAILAND
- 2012 to 2016 Deputy Dean for Administration affairs
Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok, THAILAND

Fellowship/Grant/Award Information:

- Scholarship for graduate study supported by National Science Technology Development Agency (NSTDA) under the supervision of Prof. Sophon Raengsumrun, PhD
- Research grant of university staff for training and researching aboard for the research project about antioxidant and free radicals as well as lipid research given by the Royal Thai Government (Jan 2003-July 2003) under the supervision of Prof. Yvon A Carpentier, MD
- Allied Health Science Research Grant
- Ratchadapisek Sompot Endowment Research Fund, Chulalongkorn University
- World Class University Grant, Ministry of Education
- National Research University Grant, Ministry of Education

List of Publications :

1. Palasuwan A. **Anti-dermatophytes activity of various garlic extracts** *J Allied Health Sciences Chula* 2003; 3(2): 23-9.
2. Palasuwan A, Dahlan A, Carpentier YA. **Total antioxidant capacity detection of HDL in patients before and after coronary surgery.** *Internet J Lab Med* 2005; 1(1).
3. Palasuwan A, Soogarun S, Sangkitikomol W, Pradniwat P. **Effect of anticoagulants on total antioxidant capacity analysis** *J Med Tech Assoc Thai* 2005; 33(3): 1235-43.
4. Palasuwan A, Kittisakulrat T, Amornrit W, Soogarun S, Wiwanitkit V. **Total antioxidant capacity in plasma of Hemoglobin-E trait.** *Southeast Asian J Trop Med Public Health* 2005; 36(Suppl 4): 271-3. (IF=0.607)
5. Palasuwan A, Soogarun S, Lertlum T, Pradniwat P, Wiwanitkit V.. **Inhibition of Heinz body induction in an *in vitro* model and total antioxidant activity of medicinal Thai plants.** *Asian Pacific J Cancer Prevent* 2005; 6(4): 458-63. (IF=1.271)
6. Soogarun S, Wiwanitkit V, Palasuwan A, Pradniwat P, Suwansaksri J, Lertlum T, Maungkote T.. **Detection of *Cryptococcus neoformans* from bird excreta.** *Southeast Asian J Trop Med Public Health* 2006; 37(4):760-70. (IF=0.607)
7. Palasuwan A, Soogarun S, Pradniwat P, Dahlan W, Luechapudiporn R, Wiwanitkit V. **The Effect of short term vitamin E supplementation on Osmotic Fragility and Heinz body formation in erythrocytes of Thalassemia carriers.** (Abstract) *Public Health Nutrition* 2006; 9(7A): 228. (IF=2.25)
8. Soogarun S, Choewbamrungrat M, Wiwanitkit V, Suwansaksri J, Nopanitaya W, Pradniwat P, Palasuwan A, Chanprasert S, Jangprasert P, Netsupun P, Sirisapsombat W. **The effect of green pit viper (*Trimeresurus albolabris*) venom on platelet morphology by electron microscopy.** *Southeast Asian J Trop Med Public Health* 2006; 37(5): 937-9. (IF=0.607)
9. Soogarun S, Choewbamrungrat M, Wiwanitkit V, Suwansaksri J, Nopanitaya W, Pradniwat P, Palasuwan A, Chanprasert S. **Flow cytometry on the effect of green pit viper (*Trimeresurus albolabris*) venom on platelet morphology.** *OJHAS* 2006; 5(3).
10. Palasuwan A, Soogarun S, Wiwanitkit V, Luechapudiporn R, Pradniwat P, Lertlum T. **Preliminary study on effect of Vitamin E supplementation on oxidative status in Hb-E Trait.** *Southeast Asian J Trop Med Public Health* 2006; 37 (suppl 3): 184-9. (IF=0.607)
11. Soogarun S, Sangvanich P, Chowbumroongkait M, Jiemsup S, Wiwanitkit V, Pradniwat P, Palasuwan A, Pawinwongchai J, Chanprasert S, Mounkote T.. **Analysis of green pit viper (*Trimeresurus albolabris*) venom protein by LC/MS-MS.** *J Biochem Mol Toxicol* 2008; 22(4):225-9.(IF=1.59)
12. Palasuwan A, Sriprapun M, Dahlan W, Luechapudiporn R, Soogarun S. **Antioxidant protection in Hemoglobin E trait subjects after vitamin E supplementation.** *Southeast Asian J Trop Med Public Health* 2008; 39(Suppl 1):82-9. (IF=0.607)
13. Palasuwan A, Suksom D, Margaritis I, Soogarun S, Rousseau AS. **Effect of Tai Chi training on antioxidant capacities in pre- and postmenopausal women.** *J Aging Research* 2011, Article ID 234696.

14. Nantakomol D, Palasuwan S, Soogarun S. **Atomic force microscope imaging of red cell vesiculation.** *Eur J Haematol* 2011;86(3): 276 (IF=2.6)
15. Palasuwan A, Margaritis I, Soogarun S, Rousseau AS. **Dietary intakes and antioxidant status in mind-body exercising pre- and postmenopausal women.** *J Nutrition Health Aging* 2011; 15(7): 577-84. (IF=2.4)
16. Tunsaringkarn T, Soogarun S, Rungsiyothin A, Palasuwan A. **Inhibition activity of Heinz body induction *in vitro* antioxidant model and tannin concentration of Thai mimosaceous plant extracts.** *J Med Plant Res* 2012; 6(24), 4096-101.
17. 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)
18. Soogarun S, Sangvanich P, Chanprasert S, Suwanwong Y, Nanthakomol D, Palasuwan A, Wiwanitkit V, Sangsuthum S. **A preliminary report on phospholipase A2 acidic 1 precursors for the detection of antibody coated platelets.** *Arch Hellenic Med* 2012 Vol 29(2), 202-6.
19. Tunsaringkarn T, Soogarun S, Palasuwan A. **Occupational exposure to benzene and changes in hematological parameters and urinary trans, trans-muconic acid.** *Int J Occup Environ Med.* 2013; 4(1):45-9.
20. 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)
21. 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): 3. (IF=3.4)
22. Palasuwan A, Soogarun S, Suksom D, Pitaksathienkul C, Rousseau AS. **Antioxidant status in haemoglobin E carriers after acute and chronic strenuous exercises.** *Res Sports Med* 2015; 23(4):351-66. (IF=1.7)
23. Tunsaringkarn T, Suwansaksri J, Rungsiyothin A, Palasuwan A. **Cell proliferation activities *in vitro* model of Thai mimosaceous extracts.** *J Chem Pharm Res* 2014; 6(1), 507-511.
24. Palasuwan A, Soogarun S. **Total antioxidant activity of Thai medicinal plants associated with the treatment of cardiovascular diseases, diabetes and cancers.** *J Chem Pharm Res.* 2014. 6(10): 27-31.
25. 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)
26. Popruk S, Udonsom R, Koompapong K, Mahittikorn A, Kusolsuk T, Ruangsittichai J, Palasuwan A. **Subtype distribution of Blastocystis in Thai-Myanmar border, Thailand.** *Korean J Parasitol.* 2015; 53(1):13-9. (IF=1.05)
27. 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)
28. Palasuwan D, Palasuwan A, Charoensappakit A, Noulisri E. **A novel flow cytometry-based method of analyzing Heinz bodies.** *Int J Lab Hematol* 2017; 39(1):68-75. (IF=2.4)
29. 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)

National Conferences

1. Winai Dahlan, Supantitra Chanprasert, Oravan Puchaivatananont, Pailin Sittiwicheanwong, Suriyapongse Kulkeratiyut, Attakorn Palasuwan, Chayada Sarapan, Chanya Prungchaiyaphum, Tipayanate Ariyapitipun, Byaporn na Nagara, Thep Himathongkam. **Accumulations of omega 3 Polyunsaturated Fatty acids and vitamin E in plasma triglycide-rich lipoproteins in**

- accordance with high triglycerides in normotriglycerides type 2 Diabetes.** Poster presentation in 3rd Congress on Allied Health Sciences 14-16 November 2001, Faculty of Allied Health Sciences, Chulalongkorn University.
2. Pailin Sittiwicheanwong, Jaroonluck Kongtaveesakullert, Somnuke Gulsatitporn, Attakorn Palasuwan, Winai Dahlan. **Benefit of 12 weeks aerobic exercise training for cardiovascular endurance on low density lipoprotein subpopulations and cholesterol risk ratio in sedentary Thai mid-aged women.** Proceeding in Nutrition annual conference, Institute of Nutrition and Faculty of Medicine, Mahidol University, 2002
 3. Attakorn Palasuwan, Kalchalika Chaodong, Warithorn Madilokkowitz, Suphan Soogarun, Warin Sangkitikomol. **Comparison types of specimens and stability for Total antioxidant capacity detection.** Proceeding in 29th Annual Thai Conference in Medical Laboratory Technology, April 27-29, 2005 Surat thani, Thailand.

International Conferences

1. Attakorn Palasuwan, Suphan Soogarun, Viroj Wiwanitkit, Kannika Khuntasup, Natchana Sae-seaw, Waree Sutthakorn, Paweena Pradniwat, Thamaporn Lertlum. **Preliminary study on the effect of short term vitamin E supplementation in Hemoglobin E carriers on oxidative status.** Poster Presentation. Joint International Tropical Medicine Meeting 2005 (JITMM 2005, SEAMEO TROPED Network), THAILAND, November 30- December 2, 2005.
2. Suphan Soogarun, Montri Choewbamrungrat, Viroj Wiwanitkit, Jamsai Suwansaksri, Waykin Nopanitaya, Paweena Pradniwat, Attakorn Palasuwan, Suphandhitra Chanprasert, Panchalee Jangprasert, Pacharaporn Netsupun, Wacharin Sirisapsombat. **The study of the effect of green pit viper (*Trimeresurus albolabris*) venom on platelet morphology.** Poster Presentation. The 27th World Congress of Biomedical Laboratory Science. Seoul, KOREA, September 15-19, 2006.
3. Attakorn Palasuwan, Suphan Soogarun, Patra yeetong, Suparee panuhirunpong, Paweena Pradniwat, Winai Dahlan. **Total antioxidant activity of Thai medicinal plants associated with the treatment of cardiovascular disease, diabetes and cancer.** Poster Presentation. The 27th World Congress of Biomedical Laboratory Science. Seoul, KOREA, September 15 - 19, 2006.
4. Attakorn Palasuwan, Suphan Soogarun, Paweena Pradniwat, Winai Dahlan, Rataya Luechapudiporn, Viroj Wiwanitkit. **The Effect of short term vitamin E supplementation on osmotic fragility and Heinz body formation in erythrocytes of thalassemia carriers.** Poster presentation. The 1st World Congress of Public Health Nutrition. Barcelona, SPAIN, September 28- 30, 2006.
5. Attakorn Palasuwan, Methee Sriprapun, Winai Dahlan, Rataya Luechapudiporn, Suphan Soogarun. **Antioxidant protection in Hemoglobin E trait subjects after vitamin E supplementation.** Poster presentation. Joint International Tropical Medicine Meeting 2007 (JITMM 2007, SEAMEO TROPED Network), THAILAND, November 29-30, 2007.
6. Attakorn Palasuwan, Irène Margaritis, Anne-Sophie Rousseau. **Physical exercises for health promotion in oxidative stress-exposed subjects: Bangkok urban community studies.** Oral presentation. La 5^{ème} journée de l'Ecole Doctorale Sciences du Mouvement Humain. Marseille, FRANCE, May, 29, 2009.
7. Attakorn Palasuwan, Daroonwan Suksom, Irène Margaritis, Suphan Soogarun, Anne-Sophie Rousseau. **Beneficial health effects of deep breathing-based Tai Chi in Post menopausal women.** Poster presentation. The 19th IAGG World Congress of Gerontology and Geriatrics, Paris, FRANCE, July 5-9, 2009.
8. Attakorn Palasuwan, Suphan Soogarun, Daroonwan Suksom, Irène Margaritis, Anne-Sophie Rousseau. **Acute and chronic exercises differentially alter blood antioxidant markers in Hemoglobin E traits.** The 16th Congress of European Hematology Association, London, UNITED KINGDOM, June 9-12, 2011.

9. Attakorn Palasuwan, Makamas Chanda, Daroonwan Suksom, Duangdao Nantakomol. **Circulating cell-derived microparticles and antioxidant status after strenuous exercise in Glucose-6-Phosphate dehydrogenase deficient individuals**. Poster Presentation. The XXVII International Congress of International Society of Advancement of Cytometry (CYTO 2012), Leipzig, GERMANY, June 23-27, 2012.
10. Attakorn Palasuwan, Daroonwan Suksom, Chatdao Anugoolpracha, Duangdao Nantakomol, Suphan Soogarun. **Modified Miracle Tai Chi for health promotion in elderly**. Poster Presentation. The 20th WHO-International Conference on Health Promoting Hospitals and Health Services (HPH), Taipei, TAIWAN, April 11-13, 2012.
11. Attakorn Palasuwan, Suphan Soogarun, Daroonwan Suksom, Irène Margaritis, Anne-Sophie Rousseau. **Decreased erythrocyte glutathione peroxidase activity after exhausted exercise in Hemoglobin E traits subjects**. Poster Presentation. The Oxidative Stress in Congenital and Acquired Hemolytic Anemia (Anemia 2012) Conference, Pattaya, THAILAND, March 23-24, 2012.
12. Attakorn Palasuwan, Daroonwan Suksom, Duangdao Nantakomol, Suphan Soogarun. **Tai Chi training alter oxidative stress and antioxidant markers in elderly**. Poster Presentation. The 12th World Conference on Oxidative Stress, Redox Status & Antioxidants Biomarkers. International Society of Antioxidants (ISANH), Paris, FRANCE, July 3-4, 2013.

Guest Speaker or coordinator

- Workshop. Topic “**iCompuScope: workshop for identification of leucocytes and medical application**” at The 3rd Congress on Allied Health Sciences, November 14th, 2001 at Institute 3 Bldg. Chulalongkorn University, Thailand.
- Workshop. Topic “**Blood film evaluation**” at The 5th Congress on Allied Health Sciences, November 18th, 2005 at Asia hotel, Bangkok, Thailand.

Collaborations:

- **Prof. Irène Margaritis, Ph.D.**
Agence Française de Sécurité Sanitaire des Aliments, Paris, FRANCE
- **Assoc. Prof. Daroonwan Suksom, Ph.D.**
Faculty of Sports Science, Chulalongkorn University, THAILAND
- **Assoc. Prof. Valery Combes, Ph.D.**
School of Life Science, University of Technology, Sydney, AUSTRALIA