



## Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)  
999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon  
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**Name** Chaowanee Chupeerach  
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**Current positions** : Assistant Professor

### Education :

- 2012 Ph.D. (Tropical Medicine), Faculty of Tropical Medicine, Mahidol University, Thailand.
- 2007 Grad.Dip (Teaching), Faculty of Education, Burapha University, Thailand.
- 2006 B.Sc. (Biology), First-class honors, Gold medal, Faculty of Science, Burapha University, Thailand.

### Training :

- 2020 MUEdPEX Assessor training #8 , Department of Quality Development, Mahidol University, February 26-28, 2020
- 2017 Head of Department Development Program (HDP), Mahidol University, October-November.
- 2016 The Summer School of International Nutrition "Nutrition in elderly", Department of Public Health, Khon Khaen University, Thailand. July 4-8, 2016
- 2016 Biosafety evaluation of modern biotechnology-derived foods; advanced level (BIOTEC/Thai FDA)
- 2015 Biosafety evaluation of modern biotechnology-derived foods; intermediate level (BIOTEC/Thai FDA)
- 2015 Biosafety evaluation of modern biotechnology-derived foods; basic level (BIOTEC/Thai FDA)
- 2015 The Summer School of International Nutrition "Child and Adolescent Nutrition" Thai Nguyen City, Vietnam. September 14-18, 2015
- 2009-2010 Ph.D research at The institute of Nutritional Science, Faculty of Mathematics and Natural Sciences, University of Potsdam, Potsdam, Germany, University of Potsdam, Potsdam, Germany
- 2008 The 6th South East Asian Nutrition Leadership Program at University of Jakarta, Indonesia

### Research of Interest and Expertise

Nutrigenomics  
Human Nutrition

### Publications

#### National Level

1. Wannaiampikul S, Tungtrongchitr R, Tongboonchu C, Utennam D, Suttisansanee U, On-Nom N and **Chupeerach C**. Relationship of nutritional indices and physical activity to bone mineral density in osteopenia/osteoporosis Thai postmenopausal women. Srinakharinwirot University (Journal of Science and Technology) 2020; 12.

#### International Level

1. On-nom N, Suttisansanee U , Tongmai J, Khemthong C, Chamchan R, Prangthip P, Borimas Hanboonkunupakarn B, and **Chupeerach C**. Consumption of Anthocyanin-Rich Mulberry Fruit Jelly with a High-Fat Meal Decreases Postprandial Serum Cardiometabolic Risk Factors in Dyslipidemia Subjects. Journal of Nutrition and Metabolism Volume 2020, Article ID 1370951, 9 pages.  
<https://doi.org/10.1155/2020/1370951>.
2. Chemthong C, Chamchan R, Suitsansanee U, Charoenkiatkul S, **Chupeerach C** and On-nom N. Development of healthy snack from Sa-med mushroom (*Boletus griseipurpureus* Corner). Walailak



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- Journal of Science and Technology (WJST).2020. 19; 18(1).
3. Ngamlerst C, Udomkasemsab A, Kongkachuichai R, Kwanbunjan K, **Chupeerach C**, Prangthip P. The potential of antioxidant-rich Maoberry (*Antidesma bunius*) extract on fat metabolism in liver tissues of rats fed a high-fat diet. *BMC Complement Altern Med*. 2019 Nov 4;19(1):294.
  4. Paratthakonkun C, Kaewprasert S, Arthan D, Soonthornworasiri N, Tungtrongchitr R, Prangthip P, Wongsutthilerd A, Pooudoung S, Chantaranipapong Y, Nakosiri W, Aroonnuat A, **Chupeerach C**, Chanchai S, Nana A. Associations among serum folate, waist-to-hip ratio, lipid profile, and eating habits with homocysteine in an elderly Thai population. *Int J Vitam Nutr Res*. 2019 Nov;89(5-6):246-254.
  5. Chuaychoo B, Tungtrongchitr R, Kriengsinyos W, Tuntipopipat S, On-Nom N, **Chupeerach C**. Correlation of vitamin D binding protein gene polymorphism and protein levels in chronic obstructive pulmonary disease compared with non-chronic obstructive pulmonary disease subjects. *Per Med*. 2018 ;15:371-379.
  6. **Chupeerach C**, Yothakulsiri C, Chamchan R, Suttisansanee U, Sranacharoenpong K, Tungtrongchitr A, On-Nom N. The Effect of Coconut Jelly with Stevia as a Natural Sweetener on Blood Glucose, Insulin and C-Peptide Responses in Twelve Healthy Subjects. *Recent Pat Food Nutr Agric*. 2018;9:127-133.
  7. Chamchan R, **Chupeerach C** and On-Nom N. Development of rice paper by using germinated Homnin brown rice flour. *Science and Technology RMUTT Journal*. 2017;7 : 263–270.
  8. Pongkunakorn T, Watcharachaisoponsiri T, **Chupeerach C**, On-nom N and Suttisansanee U. Inhibitions of Key Enzymes Relevant to Obesity and Diabetes of Thai Local Mushroom Extracts. *CAST Vol.17 No.2 Jul.-Dec. 2017*.
  9. Trachootham D, **Chupeerach C**, Tuntipopipat S, Pathomyok L, Boonnak K, Praengam P, Promkam C, Santivarangkna C. Drinking fermented milk containing *Lactobacillus paracasei*431(IMULUSTM) improves immune response against H1N1 and cross-reactive H3N2 viruses after influenza vaccination: A pilot randomized triple-blinded placebo controlled trial. *Journal of functional foods* 2017.1-10.
  10. **Chupeerach C**, Suttisansanee U, Nattira O, Kriengsinyos W. Impact of genetic polymorphism on LDL-C response to plant stanol ester intake. *J Med Assoc Thai*. 2016; 99:723-31.
  11. **Chupeerach C**, Kulanuwat S, Chuenta W, Wannaiampikul S, Schuh VA, Preutthipan S, Tungtrongchitr R. ID4 gene polymorphism and osteoporosis in Thai menopausal women. *J Med Assoc Thai*. 2014; 1004-8.
  12. Thatsanasuwan N, **Chupeerach C**, Kriengsinyos W, and Suttisansanee U. The Investigation of Anti-acetylcholinesterase Activity from *Pandanus amaryllifolius* Leaf Extract. *Agricultural Sci. J*. 2013; 44: 413-16.
  13. **Chupeerach C**, Tungtrongchitr A, Phonrat B, Schweigert FJ, Tungtrongchitr R, Preutthipan S. Association of Thr420Lys polymorphism in DBP gene with fat-soluble vitamins and low radial bone mineral density in postmenopausal Thai women. *Biomarkers in Medicine* 2012; 6: 103-108.
  14. **Chupeerach C**, Harnroongroj T, Phonrat B, Tungtrongchitr A, Schweigert FJ, Tungtronchitr R and Preutthipan S. Decreased retinol transport proteins in Thai post-menopausal women with osteoporosis. *J Trop Med Public Health* 2011; 42: 1515-20.

### Research Experiences

1. Genetic polymorphism and the risk of metabolic syndrome
2. Gene expression in hypertensive rat model treated by parboiled germinated brown rice
3. The effect of mulberry on cardiovascular markers in dyslipidemia subjects
4. The study of glycemic index in human subject.
5. Effect of vitamin D binding protein gene polymorphism and fat-soluble vitamins in osteoporosis
6. Gene polymorphism in osteoporosis
7. Serum retinol, retinol binding protein 4, transthyretin in postmenopausal women