



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)

999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon

Name Aree Prachansuwan
E-mail address aree.prc@mahidol.ac.th, aree.prc@mahidol.edu
Current position Lecturer

Education

2009 Bachelor of Science (Nutrition and Dietetics), with the first-class honors (Gold medal), Faculty of Allied Health Sciences, Chulalongkorn University (Major in Nutrition and Dietetics, and Minor in Molecular Biology)
2019 Doctor of Philosophy (Nutrition), Faculty of Medicine, Ramathibodi Hospital and Institute of Nutrition, Mahidol University

Research Interest and Expertise

1. Bioavailability of protein and protein quality evaluation
2. Intrinsically labelled plant protein
3. Childhood obesity and weight management
4. Nutrition related chronic diseases and behavior modification

Research Experiences

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Training

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Publications

National

1. Singhato A, Booranasuksakul U, Daroonpant R, Rueangsri N, and **Prachansuwan A**. Acceptability and satisfaction toward the developed Khao Lam, steamed sticky rice in bamboo, recipes using isomaltulose as sweeteners instead of sugar. *Bu J Med*. 2023; 10(1):18-28.
2. Wongdokmai R, **Prachansuwan A**. Development of Crackers Partially Substitution of Wheat Flour with Alternative Powders. *Journal of Nutrition Association of Thailand*. 2023; 58(1), 30–41. Retrieved from <https://he01.tci-thaijo.org/index.php/JNAT/article/view/259893>
3. **Prachansuwan A**, Kriengsinyos W. Protein: Importance and quality evaluation. *Journal of Nutrition Association of Thailand*. 2016; 51(1), 27–38. Retrieved from <https://he01.tci-thaijo.org/index.php/JNAT/article/view/117048>



International

1. Bromage S, Pongcharoen T, **Prachansuwan A**, Sukboon P, Srichan W, Purttiponthanee S, Deitchler M, Moursi M, Arsenault J, Ali NB, Batis C, Fawzi WW, Winichagoon P, Willett WC, Kriengsinyos W. Performance of the Global Diet Quality Score (GDQS) App in Predicting Nutrient Adequacy and Metabolic Risk Factors among Thai Adults. *The Journal of Nutrition*. 2023 Oct; 153, 3576 - 3594.
2. Khongrum J, Yingthongchai P, Boonyapranai K, Wongtanasarasin W, Aobchecy P, Tateing S, **Prachansuwan A**, Sitdhipol J, Niwasabuttra K, Thaveethaptaikul P, Phapugrangkul P, Chonpathompikunlert P. Safety and Effects of *Lactobacillus paracasei* TISTR 2593 Supplementation on Improving Cholesterol Metabolism and Atherosclerosis-Related Parameters in Subjects with Hypercholesterolemia: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. *Nutrients*. 2023;15.
3. Khongrum J, Yingthongchai P, Boonyapranai K, Wongtanasarasin W, Donrung N, Sukketsiri W, **Prachansuwan A**, Chonpathompikunlert P. Antidyslipidemic, Antioxidant, and Anti-inflammatory Effects of Jelly Drink Containing Polyphenol-Rich Roselle Calyces Extract and Passion Fruit Juice with Pulp in Adults with Dyslipidemia: A Randomized, Double-Blind, Placebo-Controlled Trial. *Oxidative Medicine and Cellular Longevity*. 2022 Sep 21;2022:4631983.
4. Tannirandorn A, Pangkanon W, **Prachansuwan A**, Isarashewawat P. Relationship between calf circumference and skeletal muscle index among community-dwelling Thai elderly. *Journal of the Medical Association of Thailand*. 2021; 104(11): 1814-1820.
5. Sridonpai P, **Prachansuwan A**, Praengam K, Tuntipopipat S, Kriengsinyos W. Postprandial effects of a whey protein-based multi-ingredient nutritional drink compared with a normal breakfast on glucose, insulin, and active GLP-1 response among type 2 diabetic subjects: A crossover randomized controlled trial. *Journal of Nutritional Science*. 2021. doi:10.1017/jns.2021.41.
6. **Prachansuwan A**, Kriengsinyos W, Judprasong K, Vibulkeaw M, Chanseetis C. Investigation of different time points of anthesis for intrinsically isotopic deuterium labelling on the enrichment of deuterium-labelled indispensable amino acids in mung bean (*Vigna radiata* L. Wilczek). *Acta Horticulturae*. 2021 Jun; 1312 (7): 45-52. doi:10.17660/ActaHortic.2021.1312.7.
7. **Prachansuwan A**, Kriengsinyos W, Judprasong K, Kovitvadhi A, Chundang P. Effect of different pre-boiling treatment on in vitro protein and amino acid digestibility of mung bean [*Vigna radiata* (L.) Wilczek]. *Malaysian Journal of Nutrition*. 2020 Jan; 25 (3):361-375.
8. Visuthranukul C, Sirimongkol P, **Prachansuwan A**, Pruksananonda C, Chomtho S. Low-glycemic index diet may improve insulin sensitivity in obese children. *Pediatric Research*. 2015 Nov; 78 (5): 567-573.