

Asst. Prof. Sudathip Sae-tan

Food Science and Technology Department, Faculty of Agro-Industry, Kasetsart University

Tel: 66-2562-5037 email: fagists@ku.ac.th

Education

Ph.D. (Food Science), The Pennsylvania State University

M.Sc. (Product Development), Kasetsart University

B.S. (First Class Honours) (Product Development), Kasetsart University

Expertise

Functional Foods, Dietary bioactive compounds, Molecular Nutrition, Food components for disease prevention

Selected Works

1. Orathai Saeting, Kasemsiri Chandarajoti, Angsuma Phongphisutthinan, Parichat Hongsprabhas and Sudathip Sae-tan. 2021. Water extract of mungbean (*Vigna radiata L.*) inhibits protein tyrosine phosphatase-1B in insulin-resistant HepG2 cells. *Molecules*
2. Sae-tan S*, Kumrungsee T., Yanaka N*. (2020) Mungbean seed coat water extract inhibits inflammation in LPS-induced acute liver injury mice and LPS-stimulated RAW 246.7 macrophages via the inhibition of TAK1/I κ Ba/NF- κ B. *Journal of Food Science and Technology*. 57(7), 2659-2668.
3. Wangkiri N, Sarnsri T, Thongkanjana T. and Sae-tan S*, 2021. Antioxidant potentials and inhibitory activities against α -amylase and α -glucosidase, and glucose uptake activity in insulin-resistance HepG2 cells of some medicinal plants. *Agricultural and Nutural Resources*. 55(1), 98-104.
4. Sae-Tan, S., Rogers, C. J., & Lambert, J. D. (2015). Decaffeinated Green Tea and Voluntary Exercise Induce Gene Changes Related to Beige Adipocyte Formation in High Fat-Fed Obese Mice. *J Funct Foods*, 14, 210- 214.
5. Sae-Tan, S., Rogers, C. J., & Lambert, J. D. (2014). Voluntary exercise and green tea enhance the expression of genes related to energy utilization and attenuate metabolic syndrome in high fat fed mice. *Mol Nutr Food Res*, 58(5), 1156-1159.
6. Sae-tan, S., Grove, K. A., & Lambert, J. D. (2011). Weight control and prevention of metabolic syndrome by green tea. *Pharmacol Res*, 64(2), 146-154.
7. Hao, L., Ito, K., Huang, K. H., Sae-tan, S., Lambert, J. D., & Ross, A. C. (2014). Shifts in dietary carbohydratelipid exposure regulate expression of the non-alcoholic fatty liver disease-associated gene PNPLA3/adiponutrin in mouse liver and HepG2 human
8. Weslie Y.Khoo, Benjamin J.Chrisfield,SudathipSae-tan, Joshua D.Lambert. 2020. Mitigation of nonalcoholic fatty liver disease in high-fat-fed mice by the combination of decaffeinated green tea extract and voluntary exercise. *The Journal of Nutritional Biochemistry*. 76, 108262

9. Das Gupta, S., Sae-Tan, S., Wahler, J., So, J. Y., Bak, M. J., Cheng, L. C., Lee, M. J., Lin, Y., Shih, W. J., Shull, J. D., Safe, S., Yang, C. S., & Suh, N. (2015). Dietary gamma-Tocopherol Rich Mixture Inhibits EstrogenInduced Mammary Tumor genesis by Modulating Estrogen Metabolism, Antioxidant Response, and PPAR γ
10. Das Gupta, S., So, J. Y., Wall, B., Wahler, J., Smolarek, A. K., Sae-Tan, S., Soewono, K. Y., Yu, H., Lee, M. J., Thomas, P. E., Yang, C. S., & Suh, N. (2014). Tocopherols inhibit oxidative and nitrosative stress in estrogeninduced early mammary hyperpla hyperplasia in ACI rats