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Current positions: Associate Professor

Education

1982 Ph.D. (Toxicology), Utah State University, U.S.A.
1979 M.Sc. (Toxicology, Utah State University, U.S.A.
1975 B.Sc. (Biochemistry), Chulalongkorn University, Thailand.

Research Interest and Expertise

1. Food and nutrition toxicology
2. Consumer protection in food and nutrition

Appointments

Curriculum Chairman, Master of Science in Food and Nutrition Toxicology Program

Publications

National Level

1. Sriprapai H and Kangsadalampai K. Effect of soymilk residue substitution for flour of some dishes on antioxidant activity and urethane induced mutation in *Drosophila melanogaster*. *Thai J Toxicol* 2011; 26(2):51-70.
2. Kaewchum R and Kangsadalampai K. Effect on urethane induced mutagenicity in *Drosophila melanogaster* of different germinated unpolished rice and the Thai desserts made from them. *Thai J Toxicol* 2011; 26(2):71-82
3. Pooncheuy P and Kangsadalampai K. Mutagenicity and antimutagenicity in the somatic mutation and recombination test using *Drosophila melanogaster* of battered and fried Thai dishes. *Thai J Toxicol* 2011; 26(2):83-92.
4. Lohasarn C, Kangsadalampai K. and Sukprasansap M. The Mutagenicity of the Solution of Sodium Benzoate and Vitamin C under Heat and/or Light Treatment and Their Modulating Effect on Mutagenicity of Urethane. *KKU Res J* 2010, 15(4):249-257.
5. Pamornchaisirikij D and Kangsadalampai K. Roles of Mangosteen, Durian Products and Their Combinations in Reduction of Mutagenesis and Mutagen Formation: Studies on Nitrite Treated 1-Aminopyrene *Thai J Toxicol* 2009; 24(1): 7-16.
6. Aunanan A and Kangsadalampai K. Effect of Preparation and Temperature treatments on Antimutagenicity against Urethane in *Drosophila melanogaster* and Antioxidant activity of Three *Allium* members. *Thai J Toxicol* 2008; 23(2):108-116.
7. Jitwiriyatham P and Kangsadalampai K. Antimutagenicity against Urethane of Mangosteen, Durian Products and Their Combinations in Somatic Mutation and Recombination Test. *Thai J Toxicol* 2008; 23(2): 117-125.
8. Kangsadalampai K and Pratheepachitti N. Antimutagenicity of Some Thai Dishes on Urethane Induced Somatic Mutation and Recombination in *Drosophila melanogaster*. *Thai J Toxicol* 2008; 23(2):135-142.
9. Kaewngarm N and Kangsadalampai K. Mutagenicity of Four Salted Foods and Their Modulating Effects on the Mutagenicity of Urethane. *Thai J Toxicol* 2008; 23(2):143-152.
10. Pratoomwun J and Kangsadalampai K. Fortifying Antimutagens against Urethane and In vivo Nitrosated Methylurea to Three Bakeries with Fruit and Herbal Wines. *Thai J Toxicol* 2008; 23(2):153-160.
11. Sakunasing P and Kangsadalampai K. Different Antimutagenicity against Urethane between Conventionally and Organically Grown Cruciferous Vegetables (*Brassica* spp.). *Thai J Toxicol* 2008; 23(2):126-134.

12. Kangsadalampai K and Soiphet S. Antimutagenicity of 4-hexylresorcinol against urethane in somatic mutation and recombination test. *Thai J Pharm Sci* 2005;29(1-2):21-7.
13. Kruawan K, Kangsadalampai K, Yongsmith B and Sriyapai T. Effects of monascus colorants on the mutagenicity of nitrite treated 1-aminopyrene using ames test. *Thai J Pharm Sci* 2005;29(1-2):29-41.
14. Kangsadalampai K, Laohavechavanich P, Prasarnchimontri P. Effect of thai curry paste on somatic mutation and recombination induced by urethane in drosophila melanogaster. *J Nutr Assoc Thailand*. 2004;39(1):35-47.
15. Kruawan K, Kangsadalampai K, Limpichaisopon K. Antimutagenicity of different lyophilized ripe bananas on mutagens in ames test and somatic mutation and recombination test. *Thai J Pharm Sci* 2004;28(1-2):83-94.
16. Kangsadalampai K, Sommani P. Antimutagenicity on urethane of various soybean products using *in vivo* somatic mutation and recombination test. *Thai J Pharm Sci* 2003;27:17-32.
17. Kangsadalampai K, Sommani P. Antimutagenicity on urethane of various soybean products using *in vivo* somatic mutation and recombination test. *Thai J Pharm Sci* 2003;27:17-32.
18. Peerawong K, Kangsadalampai K. Mutagenic potential of various chicken extracts after nitrosation. *Mahidol J* 1998;5(1):5-8.
19. Kangsadalampai K, Wuthikornwanit P. Nitrite scavenging capability and antiformation of mutagens of soluble fibers. *Thai J Pharm Sci* 1997;21:107-14.
20. Kangsadalampai K. Application of neem extracts to prevent housefly worms on salted fish. *Thai J Pharm Sci* 1996;20:225-237.
21. Kangsadalampai K, Suharitdamrong S. Food additive-drug interaction induced mutagens and possible prevention. *Thai J Pharm Sci* 1996;20:107-17.
22. Kangsadalampai K, Kusamran W, Butryee C. Mutagenicity modification of Thai folklore medicine by nitrite in Ames Salmonella mutagenicity test. *Thai J Toxicol* 1996;11-12:8-17.
23. Kangsadalampai K, Butryee C, Manoonphol K. Direct mutagenicity of the polycyclic aromatic hydrocarbon-containing fraction of smoked and charcoal-broiled foods treated with nitrite in acid solution. *Food Chem. Toxicol* 1996;35:213-18.
24. Kangsadalampai K, Butryee C. Mutagenicity of some food colors interacted with nitrite in acid condition. *Thai Cancer J* 1995;21:64-73.
25. Kangsadalampai K, Sridetch S. Nutritive values of some conventional processed Thai foods. 3. Fatty acid composition and vitamin A content. *J Nutr Assoc Thailand* 1986;21:129-49.
26. Kangsadalampai K, Promvanit N. Contamination of polycyclic aromatic hydrocarbons in leafy vegetables and cooking oils of Bangkok markets. *J Nutr Assoc Thailand* 1986;20(3):101-12.
27. Kangsadalampai K, Promvanit N. Effects of cooking methods and repeated cooking of oil on levels of polycyclic aromatic hydrocarbons in Thai foods. *J Nutr Assoc Thailand* 1986;20(3):228-37.
28. Kangsadalampai K, Promvanit N. Immanothai. Nutritive values of some conventional processed Thai foods 1. protein digestibility. *J Nutr Assoc Thailand* 1986;20(4):348-58.
29. Kangsadalampai K, Promvanit N. Immanothai. Nutritive value of some conventional processed Thai foods. 2. water soluble vitamins. *J Nutr Assoc Thailand* 1986;21(1):33-46.
30. Kangsadalampai K, Sharma RP. Effect of protein deficiency on the distribution of butylated hydroxyanisole administered to the rats with and without Tween 60. *Thai J Toxicol* 1986;2:47-56.
31. Kangsadalampai K, Siritantikorn A. Surveys of some Thai market basket commodities for polycyclic aromatic hydrocarbon content 2: level of PAH in different seafoods. *J Nutr Assoc Thailand* 1985;19(1):1-11.
32. Promvanit N, Kangsadalampai K. Polycyclic aromatic hydrocarbons (PAHs) in some conventional Thai food by high performance liquid chromatographic technique. *Thai J Toxicol* 1985;1:44-55.
33. Kangsadalampai K. Survey some Thai market basket commodities for polycyclic aromatic hydrocarbon content: 1. Development of fast screening methods for seafoods. *J Nutr Assoc Thailand* 1984;18(2):73-88.

International Level

1. Phadungkit M, Somdee T and Kangsadalampai K. Phytochemical screening, antioxidant and antimutagenic activities of selected Thai edible plant extracts. *J Med Plants Res* 2012; 6(5): 662-666
2. Vipassanatham N, Kangsadalampai K and Tongyonk L. Antimutagenicity of Hom-Nil Rice and Black Glutinous Rice Using Somatic Mutation and Recombination Test. *J Health Res* 2012; 26(1): 45-50
3. Kruawan K, Tongyonk L and Kangsadalampai K. Antimutagenic and co-mutagenic activities of some legume seeds and their seed coats. *J Med Plants Res* 2012; 6(22) 3845-3851.
4. Wongwattanasathien O, Kangsadalampai K, Tongyonk L. Antimutagenicity of some flowers grown in Thailand. *Food Chem Toxicol* 2010; 48 1045-1051
5. Kamala S, Kangsadalampai K, Tongyonk L. Antioxidant activity and antimutagenicity of Hom-nil rice and black glutinous rice. *J Health Res* 2010; 24(2): 49-54.
6. Kangsadalampai K, Laohavechvanich P, Saksitpitak J. Induction of mutation in *Drosophila melanogaster* fed a hexane extract of vegetables grown in soil contaminated with particulates from diesel engine exhaust. *Food Nutr Bull* 1999;20(2):252-60.
7. Kangsadalampai K. Comparison on the nitrite scavenging activity and antimutagen formation between insoluble and soluble dietary fibers. In Shibamoto T, Terao J and Osawa T. editors. *Functional Foods for Disease Prevention I: Fruits, Vegetables and Teas*; 1998: Washington, DC., American Chemical Society, pp. 178-89.
8. Kangsadalampai K, Butryee C, Laohavechvanich P. Antimutagen formation and nitrite scavenging by unprocessed or processed fruit and vegetable fibers. In: Ohigashi H, Osawa T, Terao J, Watanabe S, and Yoshikawa T, editors. *Proceeding in Food Factors for Cancer Prevention*; 1997: Tokyo, Springer-Verlag, pp. 166-9.
9. Kangsadalampai K, Butryee C, Manoonphol K. Direct mutagenicity of the polycyclic aromatic hydrocarbon-containing fraction of smoked and charcoal-broiled foods treated with nitrite in acid solution. *Food Chem. Toxicol* 1996;35:213-18.
10. Kangsadalampai K, Butryee C. Effect of nitrite on mutagenicity and in vitro protein digestibility of *Spirulina* spp. *Proceeding in the 3rd Congress of Toxicology in Developing Countries*, volume II, 1995 November19-23: Cairo, Egypt, pp299-308.
11. Kangsadalampai K, Sharma RP, Taylor MJ, Salunkhe DK. Effect of protein deficiency and Tween 60 on the pharmacokinetics of butylated hydroxyanisole and metabolites in male Sprague-Dawley rats. *Drug Nutr Interact* 1986;4:289-97.
12. Jansuittivechakul O, Mahoney AW, Cornforth DP, Hendricks DG, Kangsadalampai K. Effect of heat treatment on bioavailability of meat and hemoglobin iron fed to anemic rats. *J Food Sci* 1985;50(2) 407-9.
13. Kangsadalampai K, Sharma RP, Salunkhe DK. In vivo Immunologic alteration by a food antioxidant butylated Hydroxyanisole (BHA) in male-Webster mice. *J Food Protect* 1982;45:845-9.
14. Kangsadalampai K, Salunkhe DK, Sharma RP. Patulin and rubratoxin B: interaction of toxic and hepatic effects and mutagenic potential. *J Food Protect* 1981;44:39-42.

Reports and Books

In Thai

1. กินอาหารไทย ห่างไกลโรคมะเร็ง ISBN: 978-616-507-003-4
2. เสริมอาหารไม่ต้อง เสริมสมองดีกว่า ISBN: 978-974-660-161-0 พ.ศ. 2552
3. อาหารพอเพียง เพียงพอด้านมะเร็ง ISBN: 978-974-7477-07-8 พ.ศ. 2550
4. พิษวิทยาทางอาหารและโภชนาการ. ISBN 974-05-0105-2. พ.ศ. 2546
5. พิษวิทยา: หลักการเบื้องต้น ประยุกต์อาหารและโภชนาการ ISBN: 974-587-831-8 พ.ศ.2537
6. โภชนพิษวิทยา (Nutrition Toxicology) ISBN: 974-586-051-4 พ.ศ. 2529

