



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)
999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon
Nakhon Pathom 73170, Thailand

Name: ดร.ยุราพร สหสกุล
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Current positions: Lecturer

Education:
2012 Ph.D. (Applied Bioscience) Hokkaido University, Sapporo, Japan
2009 M.S. (Applied Bioscience) Hokkaido University, Sapporo, Japan
2007 B.Sc. (Biotechnology) Mahidol University, Bangkok, Thailand

Research Interest

1. Diet-Related Non Communicable Diseases using Mouse Model
2. Nutrient, Bioactive Compounds, and Health Benefits of Thai Plants/herbs/recipes
3. Healthy Food Product Development
4. Food and Nutritional Issues in National level: Iodized salt, drinking water

Research Experiences

1. Gastric Mucin Expression and Gastric Hormone Expression in Mice Fed Purified and Nonpurified diets
2. Effect of Purified and Nonpurified diets on Microbiota Alterations and Gastric Functions Changes in BALB/c Mice
3. Gastric Emptying and Lactobacilli Colonization in Mice Fed Nonpurified Diet or Purified Diet Supplemented with or without Dietary Fiber
4. Different impacts of purified and nonpurified diets on the microbiota and Toll-like receptors in mouse stomach
5. Survey and Development of Salt Producers for Subsidized Iodine Mixing Machine Policy
6. Development of Quality Control and Quality Assurance for Iodized Salt Learning Center at Bo-Kluea district, Nan Province
7. Evaluation and development of salt producers after the Iodine Mixing Machine Subsidization
8. Monitoring and Evaluation on Iodized Salt Mixing Machines After 1 Year Subsidization
9. An Overview of Quality Analysis on Drinking Water in Sealed Containers, Ice Cubes, and Drinking Water from Water Vending Machines in Thailand
10. Nutrient and Non-nutrient Composition in *Cyclea barbata* Miers leaves and aqueous extract from Ubon Ratchathani province
11. Effect of Leaf Color on the Quality of Gel Extracted from *Cyclea barbata* Miers Leaves
12. Effect of Property of Leaves and Extraction Methods on the Quality and Nutrition of Gel from *Cyclea barbata* Miers Leaves
13. Effect of Brown Rice, Retrograded Brown Rice, Parboiled Germinated Brown Rice and Retrograded Parboiled Germinated Brown Rice on Colitis Induced by Dextran Sodium Sulfate (DSS) in Mice
14. Nutritive Values, Bioactive Compounds and Antioxidant Activities of Mamuit (*Mangifera foetida* sp)
15. Effect of Xylitol against Oral Cancer Xenograft Model
16. A Blinded Block-Randomized Placebo-Controlled Trial for Efficacy of a Fruit and Vegetable Juice (red grape, mulberry, beetroot) Mixed with Herbs on Liver Markers and Fatigue symptoms in Healthy Volunteers with Elevated Alanine Aminotransferase (ALT) Levels
17. Development of Healthy Tom Yum Flavored Rice Seasoning (Furikake) from Vegetable Powder
18. Shelf Life Determination and Effect of Processing of Healthy Rice Seasoning (furikake) from Vegetable Powder
19. Assess Antioxidant Effect of Tom Yum Flavored Rice Seasoning Vegetable Powder in Human Hepatocellular Carcinoma Cell Line (HepG2)



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Trainings

- 2019 Workshop in "Excellence in teaching and learning program" by Macquarie and Mahidol University, November 11-15, 2019
- 2019 "โครงการติดอาวุธให้นักวิจัยรุ่นใหม่ ผ่าน Multi Mentoring System" รุ่นที่ 2 โดย สกว. สกอ. และ มหิดล , January 29-May 1, 2019
- 2019 IACUC Training, Global Trends of Animal Welfare, Current Animal Models, and Research Animal Facility Design Trends and Current HVAC Issues, June 25-26, 2019
- 2018 การออกแบบและจัดทำ Infographics เพื่อการสื่อสารอย่างสร้างสรรค์ในองค์กรด้วย Piktochart และ PREZI รุ่นที่ 16 จัดโดย คณะเทคโนโลยีสารสนเทศและการสื่อสาร
- 2017 Workshop in Shelf life extension by FoSTAT, November 7–8, 2017
- 2017 American Association for Laboratory Animal Science (AALAS) Learning Library Online Training, March 2016-February 2017
- 2017 Workshop on patent search กลยุทธ์การสืบค้นสิทธิบัตรและการใช้ประโยชน์จากฐานข้อมูลสิทธิบัตรด้านอาหาร จัดโดย สำนักงานกองทุนสนับสนุนการวิจัย (สกว.), August 30-31, 2017
- 2017 Good Clinical Practice (GCP) Training, Faculty of Medicine Ramathibodi Hospital, Mahidol University, August 22, 2017
- 2017 การอบรมวิชาการสรีรวิทยาและพยาธิสรีรวิทยา ประจำปี 2560 Obesity: Physiology, Health and Disease จัดโดย สรีรวิทยาสมาคมแห่งประเทศไทย ร่วมกับ วิทยาลัยแพทยศาสตร์พระมงกุฎเกล้า, July 3-5, 2017
- 2016 Workshop on Histopathological Techniques in Routine and Research V, Department of Pathobiology, Faculty of Science, Mahidol University, August 25-26, 2016
- 2016 Nutrient Calculation and Nutrition Assessment Workshop using INMUcal-Nutrient Software, by Institute of Nutrition (INMU), Mahidol University, August 3-4, 2016
- 2016 Training on Human Subject Protection in Biomedical Research, by Center of Ethical Reinforcement for Human Research, Mahidol University (MU-CERif), June 23, 2016
- 2016 Author Workshop Program for Mahidol University: Springer Advance Expert Training, June 13-16, 2016
- 2015 ผ่านการอบรมและสอบผ่านใบอนุญาตใช้สัตว์เพื่องานทางวิทยาศาสตร์ ครั้งที่ 4 โดยสถาบันพัฒนาการดำเนินการต่อสัตว์เพื่องานทางวิทยาศาสตร์ (สพสว.) สำนักงานคณะกรรมการวิจัยแห่งชาติ (วช.) 21-22 ธันวาคม 2558
- 2015 Workshop on Writing a Great Paper and Getting it Published in a Research Journal, Elsevier Publishing Connect, November 27, 2015
- 2015 Workshop on "Transformative Education and Active Learning" Institute for Innovative Learning, Mahidol University, September 16-18, 2015
- 2015 Workshop on "Basic Mammalian Cell Culture" by Institute of Molecular Biosciences, Mahidol University, September 2, 7-8, 2015
- 2015 Workshop on "Handling and Basic Techniques in Mice" by the Laboratory Animal Science Unit, Faculty of Tropical Medicine, Mahidol University, August 31, 2015
- 2014 Statistics for laboratory animal research, by National Research Council of Thailand (NRCT), and Office of National Standard for Research Animal (ONSRA), July 29-30, 2014
- 2014 Workshop on "The Care and Practice Techniques for Laboratory Animal" by National Laboratory Animal Center, Mahidol University, March 20-21, 2014



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Publications

National Level

1. **Sahasakul Y**, Thiyajai P, Kriengsinyos W, Charoenkiatkul S. Nutrients and phenolic acids in Krung badan (*Cyclea barbata* Miers) leaves and aqueous extract from Ubon Ratchathani province. Journal of Science & Technology, Ubon Ratchathani University. 2015;17:2:1-8.
2. Khemthong C, Luangpituksa P*, **Sahasakul Y**. Monitoring the iodine levels in the 14 selected small-scale iodized salt processing plants in the Bangkok metropolitan area. Proceeding of Thai Society for Biotechnology and International Conference 2015. November 17-20, 2015 Mandarin Hotel Bangkok by Centre Point, Bangkok, Thailand.
3. Winuprasith T*, **Sahasakul Y**, Rungraung N. Nanocellulose: Food Application and Food Safety Aspects. Thai Journal of Toxicology. 2017;32:1:67-79.
4. Kaewritho, P., On-Nom, N., Suttisansanee, U., Winuprasith, T., Chamchan, R., Sriden, N., Aursalung, A. and **Sahasakul, Y.***. Development of Healthy Tom Yum Flavored Rice Seasoning (Furikake) from Vegetable Powder. Agricultural Sci. J.2018;49(2) Suppl: 165-168.
5. Chimkerd, C., Rungraung, N., Thiyajai, P., Purttiponthane, S., **Sahasakul, Y.**, Trachootham, D., Winuprasith, T.* Formulation of vegetable pudding for elderly and their storage effect on total phenolics and antioxidant activities. Journal of Science and Technology Srinakharinwirot University. 2019; 11: 21: 64-76.

International Level

1. Praengam K, **Sahasakul Y**, Kupradinun P, Sakarin S, Sanitchua W, Rungsipipat A, Rattanapinyopituk K, Angkasekwinai P, Changsri K, Mhuantong W, Tangphatsornruang S, Tuntipipat S. Brown rice and retrograded brown rice alleviate inflammatory response in dextran sulfate sodium (DSS)-induced colitis mice. Food and Function. 2017;8:4630-4643.
2. **Sahasakul Y**, Takemura N, Sonoyama K. Gastric emptying is involved in Lactobacillus colonisation in mouse stomach. Br J Nutr. 2014; 112:408-15.
3. **Sahasakul Y**, Takemura N, Sonoyama K. Different impacts of purified and nonpurified diets on the microbiota and Toll-like receptors in mouse stomach. Biosci Biotechnol Biochem. 2012;76:1728-32.
4. Fujiwara R, Sasajima N, Takemura N, Ozawa K, Nagasaka Y, Okubo T, **Sahasakul Y**, Watanabe J, Sonoyama K. 2,4-dinitrofluorobenzene-induced contact hypersensitivity response in NC/Nga mice fed fructo-oligosaccharide. J Nutr Sci Vitaminol. 2010;56:260-65.