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**Academic Position:** Associate Professor (Assoc. Prof.)

### Education:

Ph.D. (Genetic Toxicology), LUMC, Leiden University, The Netherlands  
M.Sc. (Molecular genetics and Genetic engineering), Mahidol University, Thailand  
B.Sc. (Medical Technology), Chiang Mai University, Thailand

### Training

2024	Meta-Analysis from scratch to publication, Chiangmai University
2022	Systematic review and Meta-analysis for evidence based herbal products, Rangsit University
2020	Biosafety and Biosecurity laws and regulations, COSHEM, Mahidol University
2017	Risk assessment of chemical for food safety, Thailand Risk Assessment and Surveillance Center for Food safety (TRAC)
2016	Techniques in <i>Drosophila</i> neurobiology, Kyoto Institute of Technology, Japan
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)
2014	Biosafety Guidelines for work related to modern biotechnology or genetic engineering, Chiangmai University/BIOTEC
2011	Radiation Protection 5B, Leiden University Medical Center (LUMC)
2011	Food toxicology and Food safety, Wageningen University
2010	Basic and Translational Oncology, Erasmus University Rotterdam
2008	Genome maintenance and cancer, Leiden University Medical Center (LUMC)

### Honors and Awards

2022	Distinguished Teacher Award, Institute of Nutrition
2020	Distinguished University Faculty Award, Institute of Nutrition
2019	Ajinomoto Young Researcher Award, Ajinomoto Foundation
2017	The 23 <sup>rd</sup> Science and Technology research grant award from Thailand Toray Science Foundation (TTSF)
2016	JSPS core to-core program scholarship on Techniques in <i>Drosophila</i> Neurobiology at Kyoto Institute of Technology, Japan
2015-2017	President of INMU Faculty Senate
2008-2014	Ph.D. scholarship, Royal Thai Government

## Research Interest and Expertise

1. Optimization of phytochemical extraction processes from plants, food, food waste and herbal products using response surface methodology
2. Roles of plant-derived bioactive molecules in improving health and preventing lifestyle diseases
3. Genotoxicity and anti-genotoxicity assessment of food-derived compounds

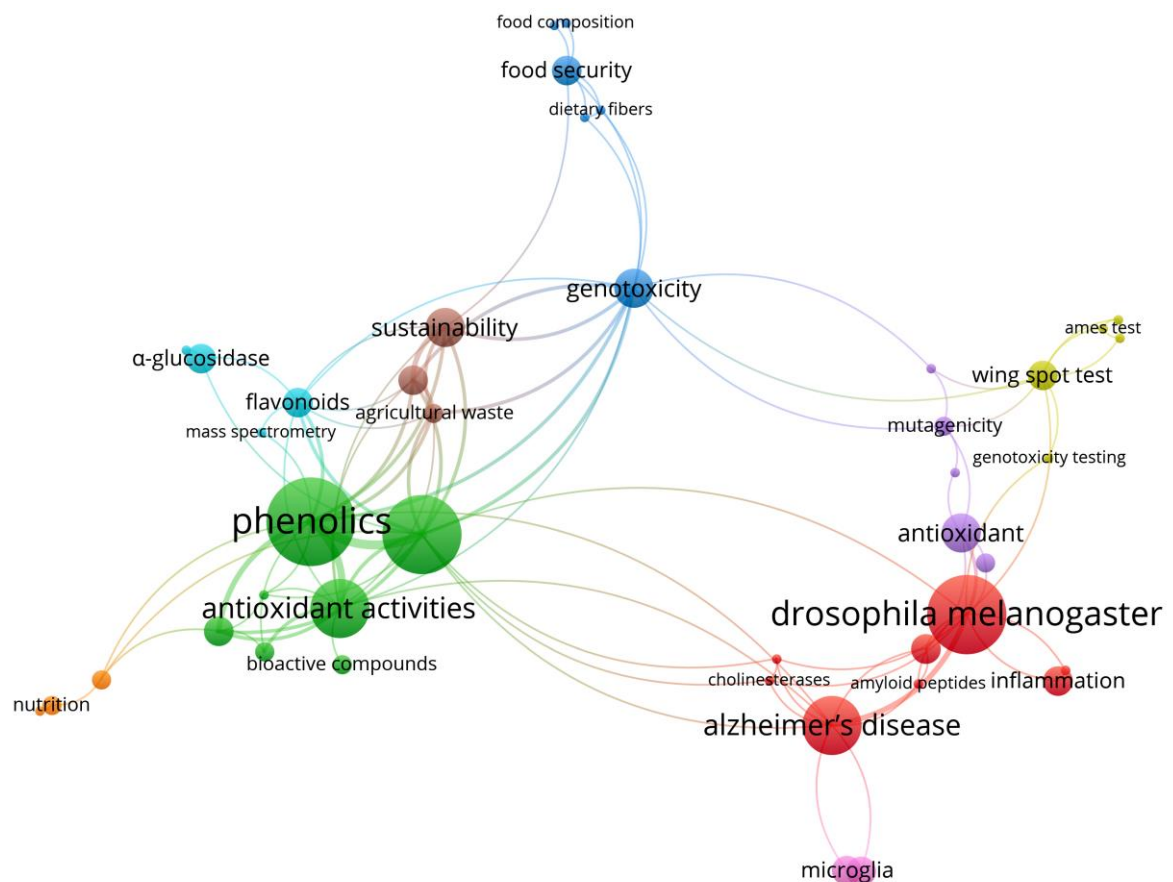
## Editorial Board Members

1. Scientific Reports, Q1 (Top10%), (<https://www.nature.com/srep/>)
2. PLoS ONE, Q1, (<https://journals.plos.org/plosone/>)

## Guest Editors

1. Antioxidant and Anti-metabolic Disorder Effects of Food Extract and Development of Functional Food ([https://www.mdpi.com/journal/foods/special\\_issues/M7085I3Z6H](https://www.mdpi.com/journal/foods/special_issues/M7085I3Z6H)) in **Foods** (Q1, IF 5.561) from Jan 2023 - Jul 2023.
2. Flavonoids, Phenolics, and Saponins in the Diet for Prevention and Management of Type 2 Diabetes (<https://www.frontiersin.org/research-topics/61578/flavonoids-phenolics-and-saponins-in-the-diet-for-prevention-and-management-of-type-2-diabetes>) in **Frontiers in Nutrition** (Q1, IF 5.0) from Feb 2024 - Sep 2024.

## Illustration of my research keyword network derived from publications in Scopus



**Journal Reviewers (for Scopus indexed journals)**

1. Antibiotics (Q1, IF 4.639)
2. AppliedChem
3. Applied Sciences (IF 2.838, Q2)
4. Bioengineering (Q2, IF 4.6)
5. Bioengineered (Q2, IF 3.269)
6. Biomedicines (Q1, IF 4.7)
7. BMC Complementary Medicine and Therapies (IF 3.9, Q1)
8. Cells (Q1, IF 7.666)
9. Cell cycle (Q1, 5.173)
10. Cosmetics (Q1, IF 3.3)
11. CyTA - Journal of Food (Q2, IF 2.255)
12. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy (Q2, IF 3.294)
13. Drug Development Research (IF 5.004)
14. Economic Botany (IF 1.731, Q2)
15. Food Science & Nutrition (Q1, IF 3.9)
16. Foods (Q1, IF 5.561)
17. GeroScience (Q1, IF 5.6)
18. Frontiers in Pharmacology (Q1, IF 5.988)
19. Frontiers in Neuroscience (Q2, IF 5.152)
20. Journal of Chemistry (Q2, IF 3.0)
21. Journal of Clinical Medicine (Q1, IF 4.964)
22. Journal of Cancer Research and Therapeutics (Q3, IF 1.805)
23. Journal of Enzyme Inhibition and Medicinal Chemistry (Q1, IF 5.6)
24. Journal of Inflammation Research (Q2, IF 4.631)
25. Heliyon (Q1, IF 4.0)
26. IBRO Neuroscience Reports (Q3, IF 1.5)
27. International Journal of Environmental Research and Public Health (Q1, IF 4.614)
28. International Journal of Food Properties (IF 2.9, Q2)
29. International Journal of Molecular Sciences (IJMS) (Q1, IF 6.208)
30. Life (Q2, IF 3.253)
31. Marine and Freshwater Research (Q2, IF 2.36)
32. Metabolic Brain Disease (Q1, IF 3.655)
33. Molecules (Q1, IF 4.412)
34. Neuropsychiatric Disease and Treatment (Q2, IF 2.570)
35. Nutrition Research Reviews (Q1, IF 8.146)
36. Oxidative Medicine and Cellular Longevity (Q1, IF 6.543)
37. Pharmaceuticals (Q1, IF 5.863)
38. Pharmaceutical Biology (Q1, IF 3.503)
39. Phytomedicine (Q1, IF 6.656)
40. Plant Foods for Human Nutrition (Q1, IF 3.921)
41. Processes (Q2, IF 3.5)
42. Renal Failure (IF 3.222, Q2)
43. South African Journal of Botany (Q2, IF 3.1)
44. The Thai Journal of Pharmaceutical Sciences
45. Toxicology and Applied Pharmacology (Q1, IF 4.46)
46. Toxins (Q1, IF 4.546)
47. Walailak Journal of Science and Technology (Q3)

## Publication (Listed in Scopus)

1. Inthachat W, Chantong B, Pitchakarn P, Takoon C, Karinchai J, Suttisansanee U, [Temviriyankul P](#). Enhancing Therapeutic Efficacy of Donepezil, an Alzheimer's Disease Drug, by *Diplazium esculentum* (Retz.) Sw. and Its Phytochemicals. *Pharmaceuticals*. **2024**; 17(3):341.
2. Pinkaew T, Inthachat W, Khemthong C, Kemsawasd V, On-Nom N, [Temviriyankul P](#). High Pectin Recovery from Cocoa Husks Using an Autoclave Approach: An Analysis of Its Physicochemical, Structural, and Genotoxicity Properties. *Foods*. **2024**; 13(5):669.
3. On-Nom N, Thangsiri S, Inthachat W, [Temviriyankul P](#), Sahasakul Y, Aursalung A, Chupeerach C, Suttisansanee U. Optimized Conditions for the Extraction of Phenolic Compounds from *Aeginetia indica* L. and Its Potential Biological Applications. *Molecules*. **2024**; 29(5):1050.
4. Karinchai J, Buacheen P, Rodthayoy D, Yodweerapong T, Imsumran A, Wongnoppavich A, Chantarasuwan B, Suttisansanee U, [Temviriyankul P](#), Pitchakarn P. Anti-Inflammatory and Anti-Adipocyte Dysfunction Effects of *Ficus lindsayana* Latex and Root Extracts. *Pharmaceuticals*. **2024**; 17(3):287.
5. Inthachat W, Thangsiri S, Khemthong C, On-Nom N, Chupeerach C, Sahasakul Y, [Temviriyankul P](#), Suttisansanee U. Green Extraction of *Hodgsonia heteroclita* Oilseed Cake Powder to Obtain Optimal Antioxidants and Health Benefits. *Foods*. **2023** Nov 27;12(23):4281.
6. Nuchuchua O, Srinuanchai W, Chansrinoyom C, Suttisansanee U, [Temviriyankul P](#), Nuengchamnong N, Ruktanonchai U. Relationship of phytochemicals and antioxidant activities in *Gymnema inodorum* leaf extracts. *Heliyon*. **2023** Dec 2;10(1):e23175.
7. On-Nom N, Thangsiri S, Inthachat W, [Temviriyankul P](#), Trisonthi P, Chupeerach C, Siriwan D, Suttisansanee U. Phenolic profiles and in vitro biochemical properties of Thai herb ingredients for chronic diseases prevention. *Sci Rep*. **2023** Dec 7;13(1):21690.
8. Buacheen P, Karinchai J, Inthachat W, Butkinaree C, Jankam C, Wongnoppavich A, Imsumran A, Chewonarin T, Pimpha N, [Temviriyankul P](#), Pitchakarn P. The Toxicological Assessment of *Anoectochilus burmannicus* Ethanolic-Extract-Synthesized Selenium Nanoparticles Using Cell Culture, Bacteria, and *Drosophila melanogaster* as Suitable Models. *Nanomaterials*. **2023**;13(20):2804.
9. Sahasakul Y, Aursalung A, Thangsiri S, [Temviriyankul P](#), Inthachat W, Pongwichian P, Sasithorn K, Suttisansanee U. Nutritional Compositions, Phenolic Contents and Antioxidant Activities of Rainfed Rice Grown in Different Degrees of Soil Salinity. *Foods*. **2023**; 12(15):2870.
10. On-Nom N, Promdang P, Inthachat W, Kanoongon P, Sahasakul Y, Chupeerach C, Suttisansanee U, [Temviriyankul P](#). *Wolffia globosa*-Based Nutritious Snack Formulation with High Protein and Dietary Fiber Contents. *Foods*. **2023**; 12(14):2647.
11. Kittibunchakul S, [Temviriyankul P](#), Chaikham P, Kemsawasd V. Effects of Freeze Drying and Convective Hot-Air Drying on Predominant Bioactive Compounds, Antioxidant Potential and Safe Consumption of Maoberry Fruits. *LWT*. **2023**: 114992.
12. Suttisansanee U, Thiyajai P, Inthachat W, Pruesapan K, Wongwathanarat K, Charoenkiatkul S, Sahasakul Y, [Temviriyankul P](#). Exploration of The Nutritional and Carotenoids Profiles of Vegetables in Thai Cuisine as Potential Nutritious Ingredients. *Heliyon*. **2023**: e15951

13. Inthachat W, [Temviriyankul P](#), On-Nom N, Kanoongon P, Thangsiri S, Chupeerach C, Suttisansanee U. Optimization of Phytochemical-Rich Citrus maxima Albedo Extract Using Response Surface Methodology. *Molecules*. **2023**; 28(10):4121.
14. [Temviriyankul P](#), Chansawhang A, Karinchai J, Phochantachinda S, Buranasinsup S, Inthachat W, Pitchakarn P, Chantong B. *Kaempferia parviflora* Extracts Protect Neural Stem Cells from Amyloid Peptide-Mediated Inflammation in Co-Culture Model with Microglia. *Nutrients*. **2023**; 15(5):1098.
15. Luu LK, Thangsiri S, Sahasakul Y, Aursalung A, Inthachat W, [Temviriyankul P](#), On-Nom N, Chupeerach C, Suttisansanee U. Nutrients, Phytochemicals and In Vitro Disease Prevention of *Nephelium hypoleucum* Kurz Fruit. *Nutrients*. **2023**; 15(4):950.
16. Buacheen P, Karinchai J, Kammasit N, [Temviriyankul P](#), Butkinaree C, Watthana S, Wongnoppavich A, Imsumran A, Pitchakarn P. Protective effect of *Anoectochilus burmannicus* extracts and its active compound, kinsenoside on adipocyte differentiation induced by benzyl butyl phthalate and bisphenol A. *Sci Rep*. **2023**;13(1):2939.
17. Piseskul J, Suttisansanee U, Chupeerach C, Khemthong C, Thangsiri S, [Temviriyankul P](#), Sahasakul Y, Santivarangkna C, Chamchan R, Aursalung A, On-nom N. Optimization of Enzyme-Assisted Mechanical Extraction Process of *Hodgsonia heteroclita* Oilseeds and Physical, Chemical, and Nutritional Properties of the Oils. *Foods*. **2023**; 12(2):292.
18. On-Nom N, Khaengamkham K, Kettawan A, Rungruang T, Suttisansanee U, [Temviriyankul P](#), Prangthip P, Chupeerach C. Parboiled Germinated Brown Rice Improves Cardiac Structure and Gene Expression in Hypertensive Rats. *Foods*. **2023**; 12(1):9.
19. Chupeerach C, [Temviriyankul P](#), Thangsiri S, Inthachat W, Sahasakul Y, Aursalung A, Wongchang P, Sangkasa-Ad P, Wongpia A, Polpanit A, Nuchuchua O, Suttisansanee U. Phenolic Profiles and Bioactivities of Ten Original Lineage Beans in Thailand. *Foods*. **2022**;11(23):3905.
20. Inthachat W, Suttisansanee U, Kruawan K, On-Nom N, Chupeerach C, [Temviriyankul P](#). Evaluation of Mutagenicity and Anti-Mutagenicity of Various Bean Milks Using *Drosophila* with High Bioactivation. *Foods*. **2022**; 11(19):3090.
21. Sahasakul Y, Aursalung A, Thangsiri S, Wongchang P, Sangkasa-ad P, Wongpia A, Polpanit A, Inthachat W, [Temviriyankul P](#), Suttisansanee U. Nutritional Compositions, Phenolic Contents, and Antioxidant Potentials of Ten Original Lineage Beans in Thailand. *Foods*. **2022**; 11(14):2062.
22. [Temviriyankul P](#), Lertmongkolaksorn T, Supasawat P, Pitchakarn P, Thiyajai P, Nusuetrong P, Phochantachinda S, Chansawhang A, Chantong B. Phikud Navakot extract attenuates lipopolysaccharide-induced inflammatory responses through inhibition of ERK1/2 phosphorylation in a coculture system of microglia and neuronal cells. *J Ethnopharmacol*. **2022**;296:115440.
23. Hu R, Chantana W, Pitchakarn P, Subhawa S, Chantarasuwan B, [Temviriyankul P](#), Chewonarin T. *Ficus dubia* Latex Extract Induces Cell Cycle Arrest and Apoptosis by Regulating the NF- $\kappa$ B Pathway in Inflammatory Human Colorectal Cancer Cell Lines. *Cancers*. **2022**; 27;14(11):2665.
24. [Temviriyankul P](#), Kittibunchakul S, Trisonthi P, Kunkeaw T, Inthachat W, Siriwan D, Suttisansanee U. *Mangifera indica* 'Namdokmai' Prevents Neuronal Cells from Amyloid Peptide Toxicity and Inhibits BACE-1 Activities in a *Drosophila* Model of Alzheimer's Amyloidosis. *Pharmaceuticals*. **2022**;11;15(5):591.

25. Chansawhang A, Phochantachinda S, [Temviriyanyukul P](#), Chantong B. Corticosterone potentiates ochratoxin A-induced microglial activation. *Biomol Concepts*. **2022**; 19;13(1):230-241.
26. Srichok J, Yingbun N, Kowawisetsut T, Kornmatitsuk S, Suttisansanee U, [Temviriyanyukul P](#), Chantong B. Synergistic Antibacterial and Anti-inflammatory Activities of *Ocimum tenuiflorum* Ethanolic Extract against Major Bacterial Mastitis Pathogens. *Antibiotics*. **2022** Apr 12;11(4):510.
27. Kemsawasd V, Inthachat W, Suttisansanee U, [Temviriyanyukul P](#). Road to The Red Carpet of Edible Crickets through Integration into the Human Food Chain with Biofunctions and Sustainability: A Review. *Int. J. Mol. Sci*. **2022**; 23(3):1801.
28. Sirichai P, Kittibunchakul S, Thangsiri S, On-Nom N, Chupeerach C, [Temviriyanyukul P](#), Inthachat W, Nuchuchua O, Aursalung A, Sahasakul Y, Charoenkiatkul S, Suttisansanee U. Impact of Drying Processes on Phenolics and In Vitro Health-Related Activities of Indigenous Plants in Thailand. *Plants*. **2022**; 11(3):294.
29. Kunkeaw T, Suttisansanee U, Trachootham D, Karinchai J, Chantong B, Potikanond S, Inthachat W, Pitchakarn P, [Temviriyanyukul P](#). *Diplazium esculentum* (Retz.) Sw. reduces BACE-1 activities and amyloid peptides accumulation in Drosophila models of Alzheimer's disease. *Sci Rep*. **2021**; 11, 23796.
30. Wannasaksri W, [Temviriyanyukul P](#), Aursalung A, Sahasakul Y, Thangsiri S, Inthachat W, On-Nom N, Chupeerach C, Pruesapan K, Charoenkiatkul S, Suttisansanee U. Influence of Plant Origins and Seasonal Variations on Nutritive Values, Phenolics and Antioxidant Activities of *Adenia viridiflora* Craib., an Endangered Species from Thailand. *Foods*. **2021**; 10(11):2799.
31. [Temviriyanyukul P](#), Kittibunchakul S, Trisonthi P, Inthachat W, Siriwan D, Suttisansanee U. Analysis of Phytonutrients, Anti-Mutagenic and Chemopreventive Effects of Tropical Fruit Extracts. *Foods*. **2021**; 10(11):2600.
32. Pitchakarn P, Inthachat W, Karinchai J, [Temviriyanyukul P](#). Human Hazard Assessment Using *Drosophila* Wing Spot Test as an Alternative In Vivo Model for Genotoxicity Testing—A Review. *Int. J. Mol. Sci*. **2021**, 22, 9932.
33. Phochantachinda S, Chatchaisak D, [Temviriyanyukul P](#), Chansawang, A, Pitchakarn P, Chantong B. Ethanolic Fruit Extract of *Embllica officinalis* Suppresses Neuroinflammation in Microglia and Promotes Neurite Outgrowth in Neuro2 a Cells. *Evid Based Complement Alternat Med*. **2021**, 6405987.
34. Trachootham D, Whanmek K, Praengam K, [Temviriyanyukul P](#), Santivarangkna C. Intake of *Lactobacillus rhamnosus* GG (LGG) Fermented Milk before Drinking Alcohol Reduces Acetaldehyde Levels and Duration of Flushing in Drinkers with Wild-type and Heterozygous Mutant ALDH2: A Randomized, Blinded Crossover Controlled Trial. *Food Funct*. **2021**, 12(20):10147-10159
35. Chupeerach C, Tapanee P, On-Nom N, [Temviriyanyukul P](#), Chantong B, Reeder N, Adegoye GA, and Tolar-Peterson T. The influence of TAS2R38 bitter taste gene polymorphisms on obesity risk in three racially diverse groups. *BioMedicine* **2021**, 11(3), article 7.
36. Chansrinoyom C, Nooin R, Nuengchamnonng N, Wongwanakul R, Petpiroon N, Srinuanchai W, Chantarasuwan B, Pitchakarn P, [Temviriyanyukul P](#), Nuchuchua O. Tandem mass spectrometry of aqueous extract from *Ficus dubia* sap and its cell-based assessments for use as a skin antioxidant. *Sci Rep*. **2021**, 11, 16899.

37. Ting P, Srinuanchai W, Suttisansanee U, Tuntipopipat S, Charoenkiatkul S, Praengam K, Chantong B, [Temviriyankul P](#), Nuchuchua O. Development of Chrysin Loaded Oil-in-Water Nanoemulsion for Improving Bioaccessibility. *Foods* **2021**; 10(8):1912.
38. Suttisansanee U, Thiyajai P, Chalermchaiwat P, Wongwathanarat K, Pruesapan K, Charoenkiatkul S, [Temviriyankul P](#). Phytochemicals and In Vitro Bioactivities of Aqueous Ethanolic Extracts from Common Vegetables in Thai Food. *Plants* **2021**, 10, 1563.
39. Karinchai J, Budluang P, [Temviriyankul P](#), Ting P, Nuchuchua O, Wongnoppavich A, Imsumran A, Pitchakarn P. Bioassay-guided study of the anti-inflammatory effect of *Anoectochilus burmannicus* ethanolic extract in RAW 264.7 cells. *J Ethnopharmacol.* **2021**, 280, 114452
40. Suttisansanee U, Pitchakarn P, Ting P, Inthachat W, Thiyajai P, Rodthayoy D, Karinchai J, Chanatarasuwan B, Nuchuchua O, [Temviriyankul P](#). Health-promoting bioactivity and in vivo genotoxicity evaluation of a hemiepiphyte fig, *Ficus dubia*. *Food Sci Nutr.* **2021**; Mar 3;9(4):2269-2279.
41. Wannasaksri W, On-Nom N, Chupeerach C, [Temviriyankul P](#), Charoenkiatkul S, Suttisansanee U. In Vitro Phytotherapeutic Properties of Aqueous Extracted *Adenia viridiflora* Craib. towards Civilization Diseases. *Molecules* **2021**, 26, 1082.
42. Khantamat O, Dukaew N, Karinchai J, Chewonarin T, Pitchakarn P, [Temviriyankul P](#). Safety and bioactivity assessment of aqueous extract of Thai Henna (*Lawsonia inermis* Linn.) Leaf. *J Toxicol Environ Health A.* **2021**, 3;84(7):298-312
43. Srinuanchai W, Nooin R, Pitchakarn P, Karinchai J, Suttisansanee U, Chansrinoyom C, Jarussophon S, [Temviriyankul P](#), Nuchuchua O. Inhibitory effects of *Gymnema inodorum* (Lour.) Decne leaf extracts and its triterpene saponin on carbohydrate digestion and intestinal glucose absorption. *J Ethnopharmacol.* **2021** Feb 10; 266:113398.
44. Promyos N, [Temviriyankul P](#), Suttisansanee U. Investigation of Anthocyanidins and Anthocyanins for Targeting  $\alpha$ -Glucosidase in Diabetes Mellitus. *Prev Nutr Food Sci.* **2020** Sep 30;25(3):263-271.
45. Sritalahareuthai V, [Temviriyankul P](#), On-Nom N, Charoenkiatkul S, Suttisansanee U. Phenolic Profiles, Antioxidant, and Inhibitory Activities of *Kadsura heteroclita* (Roxb.) Craib and *Kadsura coccinea* (Lem.) A.C. Sm. *Foods* **2020** Sep 2;9(9):1222.
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47. Sritalahareuthai V, Aursalung A, On-Nom N, [Temviriyankul P](#), Charoenkiatkul S, Suttisansanee U. Nutritional composition of conserved *Kadsura* spp. plants in Northern Thailand. *Heliyon* **2020** Jul 16;6(7):e04451.
48. [Temviriyankul P](#), Sritalahareuthai V, Na Jom K, Jongruaysup B, Tabtimsri S, Pruesapan K, Thangsiri S, Inthachat W, Siriwan D, Charoenkiatkul S and Suttisansanee U. Comparison of phytochemicals, antioxidant, and *in vitro* anti-Alzheimer properties of twenty-seven *Morus* spp. cultivated in Thailand. *Molecules* **2020**, 25(11), 2600.

49. Suttisansanee U, Charoenkiatkul S, Jongruaysup B, Tabtimsri S, Siriwan D, [Temviriyankul P](#). Mulberry Fruit Cultivar 'Chiang Mai' Prevents Beta-Amyloid Toxicity in PC12 Neuronal Cells and in a *Drosophila* Model of Alzheimer's Disease. *Molecules* **2020** Apr 16;25(8):1837.
50. Jantrapirom S, Nimlamool W, Chattipakorn N, Chattipakorn S, [Temviriyankul P](#), Inthachat W, Govitrapong P and Potikanond S. Liraglutide suppresses tau hyperphosphorylation, amyloid beta accumulation through regulating neuronal insulin signaling and BACE-1 Activity. *Int. J. Mol. Sci.* **2020**, *21*, 1725
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53. Tippairote T, [Temviriyankul P](#), Benjapong W, Trachootham D. Prevalence and factors associated with high levels of aluminum, arsenic, cadmium, lead, and mercury in hair samples of well-nourished Thai children in Bangkok and perimeters. *Biol Trace Elem Res.* **2019** Apr;188(2):334-343
54. Srichamnong W, Ting P, Pitchakarn P, Nuchuchua O and [Temviriyankul P](#). Safety assessment of *Plukenetia volubilis* (Inca peanut) seeds, leaves and their products. *Food Sci Nutr.* **2018**, 6(4):962-969
55. Promrangsri P, [Temviriyankul P](#) and Srichamnong W. Preliminary toxicology evaluation of nine commonly consumed plants in conservative area in Thailand. *Journal of Food, Agriculture & Environment.* **2018**, 16(2):60-68
56. Judprasong K, Archeepsudcharit N, Chantapiriyapoon K, Tanaviyutpakdee P, [Temviriyankul P](#). Nutrients and natural toxic substances in commonly consumed Jerusalem artichoke (*Helianthus tuberosus* L.) tuber. *Food chemistry* **2018**; 238, 173–179.
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58. Tippairote T, [Temviriyankul P](#), Benjapong W, Trachootham D. Hair Zinc and severity of symptoms are increased in children with attention deficit and hyperactivity disorder: a hair multi-element profile study. *Biol Trace Elem Res.* **2017**, 179:185–194
59. Budluang P, Pitchakarn P, Ting P, [Temviriyankul P](#), Wongnoppawich P, Imsumran A. Anti-inflammatory and anti-insulin resistance activities of aqueous extract from *Anoectochilus burmannicus*. *Food Sci Nutr.* **2016** Aug 26;5(3):486-496
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61. Tsaalbi-Shtylik A, Ferrás C, Pauw B, Hendriks G, [Temviriyankul P](#), Carlée L, Calléja F, van Hees S, Akagi J, Iwai S, Hanaoka F, Jansen JG, de Wind N. Excision of translesion synthesis errors orchestrates responses to helix-distorting DNA lesions. *J Cell Biol.* **2015**; 13;209(1):33-46



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