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Education

- PhD (Bioorganic Chemistry), Ehime-Kagawa University, 2004
- MSc (Organic Chemistry), Khon Kaen University, 2001
- BSc (Chemistry), Khon Kaen University, 1997

Experience

- Research Associate, Institute of Biological Chemistry, Washington State University, 2005
- Research Assistant and Teaching Assistant, Kagawa University, 2001-2004

Research area

- Chemistry of Natural Products and Fragrances
- Preparation and Quality Control of Raw Materials and Cosmetic Products
- Herbs for Cosmetics

Book, Book Chapter & Review Article (present-2008)

- Kanlayavattanakul M, **Lourith N**. Brewing up biotech: tea catechins and their anti-aging impacts. Cosmetics and Toiletries Magazine 141(July/August 2026):25-32.
- **ณัฐยา เหล่าฤทธิ์**. สมุนไพรสำหรับผมร่วง (ฉบับปรับปรุง). กรุงเทพ, สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย: 2569.
- Kanlayavattanakul M, **Lourith N**. Unlocking food phenolics as novel anti-aging agents. Cosmetics and Toiletries (1 Apr 2026).https://www.cosmeticsandtoiletries.com/research/literature-data/article/22961833/unlocking-food-phenolics-as-novel-antiaging-agents.
- **Lourith N,** Kanlayavattanakul M. Rethinking body odor control: enzyme targeting, biotics and microenvironment conditions. Cosmetics and Toiletries (27 Oct 2025). https://www.cosmeticsandtoiletries.com/formulas-products/

ap-deodorant/article/22951419/rethinking-body-odor-control-enzyme-targeting-biotics-and-microenvironment-conditions.
- **ณัฐยา เหล่าฤทธิ์** และมยุรี กัลยาวัฒนกุล. พอลิเมอร์ทางเครื่องสำอาง (ฉบับปรับปรุง). กรุงเทพฯ, สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย: 2568.
- Kanlayavattanakul M, Tsim KWK, Iempridee T, Ruktanonchai U, **Lourith N**. Camelia seed and its functional properties promising for dermatological applications. Discov. Food 5, 204 (2025). doi:10.1007/s44187-025-00415-5.
- Klinngam W, Chaiwichien A, Osotprasit S, Ruktanonchai U, Kanlayavattanakul M, **Lourith N**, Wongrakpanich A, Teeranachaideekul V, Iempridee T. Longevity cosmeceuticals as the next frontier in cosmetic innovation: a scientific framework for substantiating product claims. Front. Aging 6 (2025): doi:10.3389/fragi.2025.1586999.
- **ณัฐยา เหล่าฤทธิ์**. เคมีของสารหอม (ฉบับปรับปรุง). กรุงเทพฯ, สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย: 2568.
- Kanlayavattanakul M, Mersni D**, Lourith N.** Plant-derived saponins and their perspective for cosmetic and personal care products. Bot. Stud. 65, 32 (2024): doi: 10.1186/s40529-024-00438-8.
- **Lourith N**, Kanlayavattanakul M. Removal methods and evaluation of makeup cosmetics. In Dreher F, Jungman E, Sakamoto K, Maibach HI, Handbook of cosmetic science and technology. 5th edition, pp. 234-239. Florida, CRC Press: 2022.
- **Lourith N**, Kanlayavattanakul M. Tea seed oil with aesthetic benefits for skin and hair. In Yin J, Fu Z, Xu Y, Tea as a food ingredient: properties, processing and health aspects, pp. 281-294. CRC Press, Florida: 2022.
- Kanlayavattanakul M**, Lourith N.** Orchid extracts and cosmetic benefits. In Merillon J-M, Kodja H, Orchids phytochemistry, biology and horticulture, pp. 609-626. Springer, Cham: 2022.
- Kanlayavattanakul M**, Lourith N.** Natural polysaccharides for skin care. In Oliveira J, Radhouani H, Reis RL, Polysaccharides of microbial origin, pp. 1-23. Springer, Cham: 2022, doi:10.1007/978-3-030-35734-4_46-1.
- **Lourith N**, Tsim KW-K. Phytocosmetics and cosmetic science. CRC Press, Florida: 2021.
- Kanlayavattanakul M**, Lourith N.** Litchi berries: phytochemical properties and cosmetic benefits. In Xiao G, Xu Y, Yu Y, Asian berries: health benefits, pp. 189-204. CRC Press, Florida: 2021.
- **Lourith N**, Kanlayavattanakul M. Passion fruit seed: its antioxidative extracts and potency in protection of skin aging. In Preedy VR, Patel VB, Aging: oxidative stress and dietary antioxidants, 2nd Edition, pp. 283-288. Academic Press, London: 2020.
- Kanlayavattanakul M, **Lourith N.** Orchid extracts and cosmetic benefits. In Merillon JM, Kodja H, Orchids

Phytochemistry, Biology and Horticulture. Reference Series in Phytochemistry, pp. 1-18. Springer, Cham: 2020, doi:10.1007/978-3-030-11257-8_22-1.

- Kanlayavattanakul M, **Lourith N**. Cosmetics: active polymers. In Mirshra M, Encyclopedia of Polymer, pp. 705-721. Florida, CRC Press: 2019.
- **Lourith N**, Kanlayavattanakul M. Tissue engineering: polymeric dermal filler. In Mirshra M, Encyclopedia of Polymer, pp. 2676-2682. Florida, CRC Press: 2019.
- **ณัฐยา เหล่าฤทธิ์** และมยุรี กัลยาวัฒนกุล. พอลิเมอร์ทางเครื่องสำอาง. กรุงเทพฯ, สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย: 2561.
- Kanlayavattanakul M, **Lourith N**. Plants and natural products for the treatment of skin hyperpigmentation - a review. Planta Med. 84(2018): 988-1006.
- Kanlayavattanakul M, **Lourith N**. Skin hyperpigmentation treatment using herbs: a review of clinical evidences. J. Cosmet. Laser Ther. 20 (2018): 123-131.
- **ณัฐยา เหล่าฤทธิ์**. สมุนไพรสำหรับผมร่วง. กรุงเทพฯ, สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย: 2559.
- **ณัฐยา เหล่าฤทธิ์**. เคมีของสารหอม. กรุงเทพฯ, สำนักพิมพ์แห่งจุฬาลงกรณ์มหาวิทยาลัย: 2559.
- **Lourith N**, Kanlayavattanakul M. Biopolymeric agents for skin wrinkle treatment. J. Cosmet. Laser Ther. 18 (2016): 301-310.
- Kanlayavattanakul M, **Lourith N**. Biopolysaccharides for skin hydrating cosmetics. In Ramawat KG, Mérillon J-M, Polysaccharides, pp. 1867-1892. Switzerland, Springer: 2015.
- Kanlayavattanakul M, **Lourith N**. Herbal treatment for skin wrinkle: an overview. In Bagchi D, Preuss HG, Swaroop A, Nutraceuticals and functional foods in human health and disease prevention, pp. 521-528. Florida, CRC Press: 2015.
- **Lourith N**, Kanlayavattanakul M. Herbal treatment for hair loss and alopecia: an overview. In Bagchi D, Preuss HG, Swaroop A, Nutraceuticals and functional foods in human health and disease prevention, pp. 475-482. Florida, CRC Press: 2015.
- Kanlayavattanakul M, **Lourith N**. An update on cutaneous aging treatment using herbs. J. Cosmet. Laser Ther. 17 (2015): 343-352.
- **Lourith N**, Kanlayavattanakul M. Removal methods and evaluation of removal of makeup products. In Barel AO, Paye M, Maibach HI, Handbook of cosmetic science and technology. 4th edition, pp. 453-457. Florida, CRC Press: 2014.
- **Lourith N**, Kanlayavattanakul M. Hair loss and herbs for treatment. J. Cosmet. Dermatol. 12 (2013): 210-222.
- **Lourith N**, Kanlayavattanakul M, Pongpunyayuen S. Botanical arbutin from *Naringi crenulata*. In Hayes, LM, Cosmetics: Types, Allergies and Applications, pp. 157-164. New York, Nova Science Publishers Inc.: 2011.

- Kanlayavattanakul M, **Lourith N**. Body malodours and their topical treatment agents. Int. J. Cosmet. Sci. 33 (2011): 298-311.
- Kanlayavattanakul M, **Lourith N**. Therapeutic agents and herbs in topical application for acne treatment. Int. J. Cosmet. Sci. 33 (2011): 289-297.
- **Lourith N**. Herbs for hair loss. SCCT newsletter 1 (2010): 9-11.
- **Lourith N**, Kanlayavattanakul M. Oral malodor and active ingredients for treatment. Int. J. Cosmet. Sci. 32 (2010): 321-329.
- Kanlayavattanakul M, **Lourith N**. Lipopeptides in cosmetics. Int. J. Cosmet. Sci. 32 (2010): 1-8.
- **Lourith N**, Kanlayavattanakul M. Natural surfactants used in cosmetics: glycolipids. Int. J. Cosmet. Sci. 31 (2009): 255-261.
- **Lourith N**. Natural colors. SCCT newsletter 3 (2008): 14-15.
- Kanlayavattanakul M, **Lourith N**. Carboxymethylglucan in cosmetics. Thai Pharm. Health Sci. J. 3 (2008): 378-382.

Research Article (present-2008)

- Chaikul P, Junsawat N, Kanlayavattanakul M, **Lourith N.** Anti-hair Loss Potential of *Acanthus ebracteatus* (Sea Holly) in cell culture assays and an open-label, non-comparative clinical trial. Rev. Bras. Farmacogn. 36, 85 (2026): doi: 10.1007/s43450-026-00795-4.
- **Lourith N**, Kanlayavattanakul M. UV-Vis spectrophotometric analysis of butyl methoxy dibenzoyl methane in sunscreen products: a method validated to cosmetic industrial interests. Chem. Methodol. 10, 1070-1076 (2026): doi: 10.48309/chemm.2026.575709.2105.
- Kanlayavattanakul M, Khongkow M, Chanthanam K, Yuen CKW, Tsim KWK, **Lourith N**, Chaikul P, Chueamchaitrakun. Catechins-rich tea extract and its functional properties mitigating hair loss. Discov. Food 5, 406 (2025):doi:10.1007/s44187-025-00698-8.
- **Lourith N**, Kanlayavattanakul M. Quality characteristics of *Coffea arabica* cultivated in Thailand in response to roasting levels profiling its functional material applications. Beverage Plant Rese. 5, e022 (2025): doi: 10.48130/bpr-0025-0008.
- Kanlayavattanakul M, **Lourith N**. Defying photoaging and senescence with catechin-optimized upcycled tea elixir. Cosmetics and Toiletries Magazine 140(June 2025):26-30.
- Kanlayavattanakul M, **Lourith N**. Variations in volatiles of different *Rosa* spp. cultivated in Thailand. J. Hortic. Sci. Biotechnol. 100, 499–506 (2025): doi:10.1080/14620316.2024.2438691.
- Chaikul P, **Lourith N**, Kanlayavattanakul M. Decelerated skin aging effect of rubber (*Hevea brasiliensis*) seed oil in cell culture assays. Sci. Rep. 14, 29509 (2024): doi:10.1038/s41598-024-81035-4.

- **Lourith N**, Kanlayavattanakul M, Khongkow M, Chaikul P. Para rubber seed oil and its fatty acids alleviate photoaging and maintain cell homeostasis. Int. J. Cosmet. Sci. 46, 1064-1073 (2024).
- Kanlayavattanakul M, Khongkow M, Iempridee T, **Lourith N**. Food hydroxycinnamic acids alleviate ageing in dermal cells. Food Prod. Process Nutr. 6, 86 (2024): doi:10.1186/s43014-024-00262-4.
- **Lourith N**, Kanlayavattanakul M, Chaikul P. Sacha inchi: the promising source of functional oil for anti-aging product. J. Oleo Sci. 73, 429-435 (2024).
- Chaikul P, Kanlayavattanakul M, Khongkow M, Jantimaporn A, **Lourith N**. Anti-ageing activities of rice (*Oryza sativa*) bran soft and hard waxes in cultured skin cells. Int. J. Cosmet. Sci. 46, 162-174 (2024).
- Kanlayavattanakul M, Khongkow M, Klinngam W, Chaikul P, **Lourith N**, Chueamchaitrakun P. Recent insights into catechins-rich Assam tea extract for photoaging and senescent ageing. Sci. Rep. 14, 2253 (2024): doi:10.1038/s41598-024-52781-2.
- Kanlayavattanakul M, Khongkow M, **Lourith N**. Wound healing and photoprotection properties of *Acanthus ebracteatus* Vahl. extracts standardized in verbascoside. Sci. Rep. 14, 1904 (2024): doi:10.1038/s41598-024-52511-8.
- **Lourith N**, Kanlayavattanakul M, Chaikul P, Abe A, Takahashi K. Tea-derived neuroprotectant demonstrates holistic anti-aging potential. Cosmetics and Toiletries Magazine 138(Jul/Aug 2023):32-37.
- Kanlayavattanakul, M., Chaikul, P., Kongkow, M, Iempridee T, **Lourith N**. Anti-aging of phenolic-rich *Acanthus ebracteatus* Vahl. extracts. Chem. Biol. Technol. Agric. 10, 32 (2023): doi:10.1186/s40538-023-00403-w.
- Kanlayavattanakul M, **Lourith N**. *Cordyceps militaris* polysaccharides: preparation and topical product application. Fungal Biol. Biotechnol. 10 (2023): doi:10.1186/s40694-023-00150-5.
- **Lourith N**, Kanlayavattanakul M. Sustainable approach to natural makeup cosmetics containing microencapsulated butterfly pea anthocyanins. Sustain. Chem. Pharm. 32 (2023): 101105. doi:10.1016/j.scp.2023.101005.
- Sakulwech S, **Lourith N**, Kanlayavattanakul M, Phunpee S, Suktham K, Surassmo S, Ruktanonchi UR. Nanocomplex of quaternized cyclodextrin grafted chitosan and hyaluronic acid for a skin delivery. Colloids Surf. B: Biointerfaces 220 (2022): doi:10.1016/j.colsurfb..2022.112920.
- **Lourith N**, Xivivadh K, Boonkong P, Kanlayavattanakul M. Spent coffee waste: a sustainable source of cleansing agent for a high-performance makeup remover. Sustain. Chem. Pharm. 29(2022): doi:10.1016/j.scp.2022.100826.
- **Lourith N**, Kanlayavattanakul M, Chalermchai T, Kato H, Cholmou S, Lopwichan S, Takahashi K. Exaggerated wash test

to clinically validate care cleansing mildness. Cosmetics and Toiletries Magazine 137(Jul/Aug 2022):40-44.
- Kanlayavattanakul M, **Lourith N.** Moringa leaf: an innovative source of antioxidative phenolics for cosmeceuticals products. Sci. Hortic. 295(2022): doi:10.1016/j.scienta. 2022.110894.
- Klinngam W, Rungkamoltip P, Thongin S, Joothamongkhon J, Khumkhrong P, Khongkow M, Namdee K, Tepaamorndech S, Chaikul P, Kanlayavattanakul M, **Lourith N**, Piboonprai K, Ruktanonchai U, Asawapirom U, Iempridee T. Polymethoxyflavones from *Kaempferia parviflora* ameliorate skin aging in primary human dermal fibroblasts and *ex vivo* human skin. Biomedi. Pharmacother. 145(2022): doi:10.1016/j.biopha.2021.112461.
- Kanlayavattanakul M, **Lourith N**, Chaikul P. Valorization of spent coffee grounds as the specialty material for dullness and aging of skin treatments. Chem. Biol. Technol. Agric. 8(2021): 55 doi:10.1186/s40538-021-002525.
- Chaikul P**,** Kanlayavattanakul M, Somkumnerd J, **Lourith N**. *Phyllanthus emblica* L. (amla) branch: a safe and effective ingredient against skin aging. J. Tradit. Complement. Med. 11(2021): 390-399.
- **Lourith N,** Kanlayavattanakul M, Chaikul P. Para rubber seed oil: the safe and efficient bio-materials for hair loss treatment. J. Cosmet. Dermatol. 20(2021): 2160-2167.
- **Lourith N.** Kanlayavattanakul M. Fruitful skin benefits: Litchi peel extract for natural brightening. Cosmetics and Toiletries Magazine. 136(Mar 2021): 54-60.
- **Lourith N**, Pungprom S, Kanlayavattanakul M. Formulation and efficacy evaluation of the safe and efficient moisturizing snow mushroom hand sanitizer. J. Cosmet. Dermatol. 20(2021): 554-560.
- Kanlayavattanakul M**,** Chongnativisit W, Chaikul P, **Lourith N**. Phenolic-rich pomegranate peel extract: *in vitro*, cellular, and *in vivo* activities for skin hyperpigmentation treatment. Planta Med. 86(2020): 749-759.
- **Lourith N,** Kanlayavattanakul M. Formulation and clinical evaluation of the standardized *Litchi chinensis* extract for skin hyperpigmentation and aging treatments. Ann. Pharm Fr. 78 (2020): 142-149.
- **Lourith N**, Kanlayavattanakul M. Development of para rubber seed oil as the efficient makeup remover. Braz. J. Pharm. Sci. 56(2020): e18029 doi:10.15990/s2175-979019000418029.
- **Lourith N,** Kanlayavattanakul M. Improved stability of butterfly pea anthocyanins with biopolymeric walls. J. Cosmet. Sci. 71 (2020): 1-10**.**
- **Lourith N**, Kanlayavattanakul M, Chaikul P. Planting ideas: upcycled rubber seed offers a renewable cosmetic ingredient. Cosmetics and Toiletries Magazine. 135(Mar 2020): 56-63.
- Inman C, **Lourith N**, Kanlayavattanakul M. Alternative application approach on black bean: hair coloring product.

Chem. Biol. Technol. Agric. 7(2020): 2 doi:10.1186/s40538-019-0163-2.

- Pongsakornpaisan P, **Lourith N**, Kanlayavattanakul M. Anti-sebum efficacy of guava toner: a split-face, randomized, single-blind placebo-controlled study. J. Cosmet. Dermatol. 18(2019): 1737-1741.
- Setsiripakdee A, **Lourith N**, Kanlayavattanakul M. *In vitro* and *in vivo* removal efficacies of a formulated pumpkin seed oil makeup remover. J. Surfactants Deterg. 22(2019): 1461-1467.
- Kanlayavatanakul M, Pawakongbun P, **Lourith N**. *Dendrobium* orchid polysaccharide extract: preparation, characterization and *in vivo* skin hydrating efficacy. Chinese Herb. Med. 11(2019): 400-405.
- Kanlayavattanakul M, **Lourith N**, Chaikul P. Youth in yield: Jasmine rice extract whitens, protects and smooths skin. Cosmetics and Toiletries Magazine. 134(May 2019): 26-33.
- **Lourith N**, Kanlayavattanakul M. Spinach hydrogels delivered saturated skin. Cosmetics and Toiletries Magazine 134(Feb 2019):49-55.
- Sakulwech S, **Lourith N**, Ruktanonchai U, Kanlayavattanakul M. Preparation and characterization of nanoparticles from quaternized cyclodextrin-grafted chitosan associated with hyaluronic acid for cosmetics. Asian J. Pharm. 13(2018): 498-504.
- Kanlayavattanakul M, **Lourith N**, Chaikul P. Biological activity and phytochemical profiles of *Dendrobium*: a new source for specialty cosmetic materials. Ind. Crop. Prod. 120 (2018): 61-70.
- Pipattanamomgkol P, **Lourith N**, Kanlayavattanakul M. The natural approach to hair dyeing product with *Cleistocalyx nervosum* var. *paniala*. Sustainable Chemistry and Pharmacy. 8 (2018): 88-93.
- Meetham P. Kanlayavattanakul M, **Lourith N**. Development and clinical efficacy evaluation of anti-greasy green tea tonner on facial skin. Rev. Bras. Farmacogn. 28 (2018): 214-217.
- **Lourith N**, Kanlayavattanakul M, Chingunpitak J. Leveling up: Passion fruit drives color cosmetics into new dimensions. Cosmetics and Toiletries Magazine. 132(Oct 2017): 61-69.
- Kanlayavattanakul M, **Lourith N**. Preparation of stable tea seed oil nano-particle emulsions by a low energy method with non-ionic surfactant. Grasas. Aceites 68 (2017): 1-8.
- **Lourith N**, Kanlayavattanakul M, Chaikul P, Chansriniyom C, Bunwatcharaphansakun P. *In vitro* and cellular activities of the selected fruits residues for skin aging treatment. An. Acad. Bras. Ciênc. 89 (2017): 577-589.
- Chaikul P, Kanlayavattanakul M, **Lourith N**. Antimelanogenesis and cellular antioxidant activities of rubber (*Hevea brasiliensis*) seed oil for cosmetics. Ind. Crop. Prod. 108 (2017): 56-62.

- **Lourith N**, Kanlayavattanakul M. Ceylon spinach: A promising crop for skin hydrating products. Ind. Crop. Prod. 105 (2017): 24-28.
- **Lourith N**, Kanlayavattanakul M, Chingunpitak J. Development of sunscreen products containing passion fruit seed extract. Braz. J. Pharm. Sci. 53 (2017): e16116.
- Kanlayavattanakul M, Fungpaisalpong K, Pumcharoen M, **Lourith N**. Preparation and efficacy assessment of malva nut polysaccharide for skin hydrating products. Ann. Pharm Fr. 75 (2017): 436-445.
- Parnsamut N, Kanlayavattanakul M, **Lourith N**. Development and efficacy assessments of tea seed oil makeup remover. Ann. Pharm Fr. 75 (2017): 189-195.
- Kanlayavattanakul M, **Lourith N**, Chaikul P. Jasmine rice panicle: a safe and efficient natural ingredient for skin aging treatments. J. Ethnopharmacol. 193 (2016): 607-616.
- Kanlayavattanakul M, Kasikawatana N, **Lourith N**. Analysis of octyl methoxycinnamate in sunscreen products by a validated UV-spectrophotometric method. J. Cosmet. Sci. 67 (2016): 167-173.
- Nualsri C, **Lourith N**, Kanlayavattanakul M. Development and clinical evaluation of green tea hair tonic for greasy scalp treatment. J. Cosmet. Sci. 67 (2016):161-166.
- **Lourith N**, Kanlayavattanakul M, Ruktanonchai U. Formulation and stability of *Moringa oleifera* oil microemulsion. Soft Mater. 14 (2016): 64-71.
- **Lourith N**, Kanlayavattanakul M, Mongkonpaibool K, Butsaratrakool T, Chinmuang T. Rambutan seed as a new promising unconventional source of specialty fat for cosmetics. Ind. Crop. Prod. 83 (2016): 149-154.
- Kanlayavattanakul M, **Lourith N**. Volatile profile and sensory property of *Gardenia jasminoides* aroma extracts. J. Cosmet. Sci. 66 (2015): 371–377.
- Kanlayavattanakul M, **Lourith N**, Tadtong S, Jongrungruangchok S. Rice panicles: new promising unconventional cereal product for health benefits. J. Cereal Sci. 66 (2015): 10-17.
- Chaisripipat W, **Lourith N**, Kanlayavattanakul M. Anti-dandruff hair tonic containing lemongrass (*Cymbopogon flexuosus*) oil. Forsch. Komplementmed. 22 (2015): 226-229.
- **Lourith N**, Kanlayavattanakul M, Sucontphunt A, Ondee T. Para rubber seed oil: new promising unconventional oil for cosmetics. J. Oleo Sci. 63 (2014): 709-716.
- Tadtong S, Kanlayavattanakul M, **Lourith N**. Neuritogenic and neuroprotective activities of fruit residues. Nat. Pro. Comm. 8 (2013): 1583-1586.
- **Lourith N**, Kanlayavattanakul M. Antioxidant activity and stability of natural colour recovered from Roselle juice production. Agro Food Industry Hi-Tech. 24(5) (2013): 40-43.
- Kanlayavattanakul M, Kitsiripaisarn S, **Lourith N**. Aroma profiles and preferences of *Jasminum sambac* L. flowers grown in Thailand. J. Cosmet. Sci. 64 (2013): 483-494.

- Kanlayavattanakul M, **Lourith N**, Janwattanapol J. Extraits and absolutes of Thai *Plumeria obtusa* L. flowers and their preference for cosmetics. Household and Personal care Today 8 (2013): 25-28.
- **Lourith N**, Kanlayavattanakul M. Appraisal of Thai glutinous rice husk for health promotion products. J. Cereal Sci. 57 (2013): 343-347.
- Kanlayavattanakul M, **Lourith N**, Ospondpant D, Ruktanonchai U, Pongpunyayuen S, Chansriniyom C. Salak plum peel extract as a safe and efficient antioxidant appraisal for cosmetics. Biosci. Biotecnol. Biochem. 77 (2013): 1068-1074.
- **Lourith N**, Kanlayavattanakul M. Antioxidant and stability of dragon fruit peel colour. Agro Food Industry Hi-Tech. 24(3) (2013): 56-58.
- **Lourith N**, Kanlayavattanakul M. Antioxidant activities and phenolics of *Passiflora edulis* seed recovered from juice production residue. J. Oleo Sci. 62 (2013): 235-240.
- Kanlayavattanakul M, **Lourith N**. Spent coffee as a rich source of antioxidant appraisal for cosmetic applications. Adv. Sci. Eng. Med. 5 (2013): 173-176.
- Kanlayavattanakul M, Rodchuea C, **Lourith N**. Moisturizing effect of alcohol-based hand rub containing okra polysaccharide. Int. J. Cosmet. Sci. 34 (2012): 280–283.
- Kanlayavattanakul M, Ospondpant D, Ruktanonchai U, **Lourith N**. Biological activity assessment and phenolic compounds characterization from the fruit pericarp of *Litchi chinensis* for cosmetic application. Pharm. Biol. 50 (2012): 1384-1390.
- Kanlayavattanakul M, **Lourith N**. Biologically active phenolics in seed coat of three sweet *Tamarindus indica* varieties grown in Thailand. Adv. Sci. Eng. Med. 4 (2012): 511-516.
- **Lourith N**, Kanlayavattanakul M. Antioxidant color of purple glutinous rice (*Oryza sativa*) color and its stability for cosmetic application. Adv. Sci. Lett. 17 (2012): 302-305.
- Kanlayavattanakul M, **Lourith N**. Sunscreen liquid foundation containing *Naringi crenulata* powder. Adv. Mat. Res. 506 (2012): 583-586.
- Kanlayavattanakul M, **Lourith N**. Thanaka loose powder and liquid foundation preparations. Household and Personal care Today 7 (2012): 30-32.
- **Lourith N**, Kanlayavattanakul M, Pongpunyayuen S, Chaiwarith J. Characterization of arbutin and kojic acid in *Naringi crenulata*. Household and Personal care Today 7 (2012): 20-21.
- Charoennit P, **Lourith N**. Validated UV-spectrophotometric method for the evaluation of the efficacy of makeup remover. Int. J. Cosmet. Sci. 34 (2012): 190–192.
- **Lourith N**, Kanlayavattanakul M. Biological activity and stability of mangosteen as a potential natural color. Biosci. Biotechnol. Biochem. 75 (2011): 2257-2259.

- Kanlayavattanakul M, **Lourith N**. Sapodilla seed coat as a multifunctional ingredient for cosmetic applications. Process Biochem. 46 (2011): 2215-2218.
- Kanlayavattanakul M, **Lourith N**. Ferulic acid in paper mulberry and its waste water from pulps production. J. Chem. Chem. Eng. 4 (2010): 58-62.
- Chuarienthong P, **Lourith N**, Leelapornpisid P. Clinical efficacy comparison of anti-wrinkle cosmetics containing herbal flavonoids. Int. J. Cosmet. Sci. 32 (2010): 99-106.
- **Lourith N**, Kanyalavattanakul M, Chanpirom S. Free radical scavenging efficacy of Tamarind seed coat and its cosmetics application. J. Health Res. 23 (2009): 159-162.
- Patin R, Kanlayavattanakul M, **Lourith N**. Aromatherapy and essential oils in Thai spa business. IJPS. 5 (2009): 160-166.
- Kanlayavattanakul M, Phrutivorapongkul A, **Lourith N**, Ruangrungsi N. Pharmacognostic specification of *Naringi crenulata* stem wood. J. Health Res. 23 (2009): 65-69.
- Lawan K, Kanlayavattanakul M, **Lourith N**. Antimicrobial efficacy of caprylyl glycol and ethylhexylglycerine in emulsion. J. Health Res. 23 (2009): 1-3.
- Ruamrak C, **Lourith N**, Natakankitkul S. Comparison of clinical efficacies of sodium ascorbyl phosphate, retinol and their combination in acne treatment. Int. J. Cosmet. Sci. 3 (2009): 41-46.

Awards

- Osaka University (NISF) Visiting Scholar, 2026
- Jagiellonian University (PROM) Academic Exchange, 2025
- Most IP Licensed of the Year, MFU Innovation Day 2025
- Sophia University (STEC) Visiting Scholar, 2024
- Most IP Filling of the Year, MFU Innovation Day 2023
- Select lecture of WCOS2022, Commemoration of the 70th anniversary of Japan Oil Chemists' Society
- MFU Best Researcher Awards, 2021
- JSPS for young East Asian researcher, 2009
- Japanese Government Scholarship, 2001-2004
- Shell Centenary Scholarship Fund, 2000