

CURRICULUM VITAE

นายแพทย์ประวิทย์ อัครเสรินนท์

NAME: PRAVIT AKARASEREENONT
(First name) (Last name)

PERSONAL DATA:

Year of Birth: 1967
 Sex: Male
 Place of Birth: Bangkok, Thailand
 Nationality: Thai
 Title: Associate Professor of Pharmacology
 Address: Department of Pharmacology and
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EDUCATION:

<u>Institution</u>	<u>Degree</u>	<u>Year Conferred</u>
Assumption University	Certificate in Siriraj CEO	2004
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand	Certificate in Fellowship of Thai College of Family Medicine	2003
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand	Certificate in Mini MPA	2002
University of London, England, United Kingdom	Ph.D. (Pharmacology)	1995
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand	M.D.	1991

HONOURS:

- Fellow of The College of Family Physicians of Thailand (FCFPT) (1999)
- Oversea Research Student Fellowship, The St. Bartholomew's Hospital Medical College, University of London, United Kingdom (1992-1995)
- M.D., Second Class Honors (1991)

FIELD OF RESEARCH:

- Herbal medicine
- Thai traditional medicine
- Pain and inflammation
- Metabolomics and phenomics
- System medicine and precision medicine

ADMINISTRATIVE POSITION:

- | | |
|--------------|---|
| 2018-present | Director, WHO Collaborating Center for Traditional Medicine, Center of Applied Thai Traditional Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand |
| 2018-present | Committee of Thai Traditional Medical Council |
| 2017-present | Head, Center of Applied Thai Traditional Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand |
| 2015-present | Committee of Siriraj Metabolomics and Phenomic Center, Faculty of Medicine Siriraj Hospital, Mahidol University |
| 2013-present | Chair of Research Presentation Award in Annual Conference National Thai Traditional and Alternative Medicine, DTAM, Ministry of Public Health |
| 2009-present | Editorial Committee of Thai Traditional and Alternative Medicine Journal |
| 2001-present | Committee of ADR division, Thai FDA, Ministry of Public Health |
| 2000-present | Head, Division of Inflammopharmacology, Department of Pharmacology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand |

MEMBERS OF LEARNED SOCIETIES:International

- The International Metabolomics Society
- The International Association for the Study of Pain
- The Inflammation Research Association
- The British Pharmacological Society

National

- The Pharmacological Society of Thailand
- The International Association for the Study of Pain: Thai Chapter
- The Medical Association of Thailand
- General Practitioners/ Family Physicians Association, Thailand
- The Royal College of Physicians of Thailand
- Thai College of Family Medicine
- The Infectious Disease Association of Thailand
- Thai Society of Microcirculation
- Thai Academy of Science and Technology Foundation

PUBLICATIONS:International
Research article

1. Wipanso H, Bongcheewin B, Tiaworanant S, Booranasubkajorn S, Lumlerdkij N, Siriboonsong P, Akarasereenont P. An Analysis of Local Knowledge of Phit-Samdaeng in Yang Sisurat District, Maha Sarakham Province and The Medicinal Plants Used to Relieve Its Symptoms. *Pharmacogn J.* 2023; 15(2): **In Press.**
2. Suta S, Surawit A, Mongkolsucharitkul P, Pinsawas B, Manosan T, Ophakas S, Pongkunakorn T, Pumeiam S, Sranachoenpong K, Sutheeworapong S, Pongsombat P, Khoomrung S, Akarasereenont P, Thaipisuttikul I, Suktitipat B, Mayurasakorn K. Prolonged Egg Supplement Advances Growing Child's Growth and Gut Microbiota. *Nutrient* 2023; 15: 1143 (1-15).
3. Pantharos P, Sukcharoen P, Phadungrakwittaya R, Akarasereenont P, Booranasubkajorn S, Lumlerdkij N. Utilization of UPLC-PDA and GC-MS/MS coupled with metabolomics analysis to identify bioactive metabolites in medicinal turmeric at different ages for the quality assurance. *Phytomedicine* 2022; 20; 102: 154157. doi: 10.1016/j.phymed.2022.154157.
4. Lohakul J, Chaiprasongsuk A, Jeayeng S, Saelim M, Muanjumpon P, Thanachaiphiwat S, Tripatara P, Soontrapa K, Akarasereenont P, Panich U. The protective effect of polyherbal formulation, Harak formula, on UVA-induced photoaging of human dermal fibroblasts and mouse skin via promoting Nrf2-regulated antioxidant defense. *Front Pharmacol* 2021: doi: 10.3389/fphar.2021.649820.
5. Booncharoen P, Boonchai W, Akarasereenont P, Tripatara P. A comparative study of chemical constituents and safety of Thai herbal medicated oil formula and traditional medicated oil. *J Comple Intg Med* 2021: <https://doi.org/10.1515/jcim-2020-0454>
6. Kuraeiad S, Vattarakorn A, Thamsermsang O, Akarasereenont P, Tapechuma S, Tilokskulchaia K, Pakaprot N. The protective effect of Thai Herbal Sahatsatara formula against white matter injury after chronic cerebral hypoperfusion in middle-aged rats. *Sci Asia* 2020; 46: doi: 10.2306/scienceasia1513-1874.2020.084
7. Varothai S, Tuchinda P, Kulthanan K, Akarasereenont P, Laohapand T, Prasertworonun N, Winayanuwattikun W, Poopong S, Dasri I, Khlainok W, Pattaravadee S. A double-blinded, randomized, split-side, vehicle-controlled study of the efficacy of cleanser containing *Acanthus ebracteatus* Vahl., *Suregada multiflora*, and *Acacia concinna* in patients with atopic dermatitis: A pilot study. *Asian Pac J Allergy Immuno* 2020; Oct 17: doi: 10.12932/AP-050519-0554.
8. Preechasuk L, Akarasereenont P, Boonrak R, Thamsermsang O, Pratumvinit B, Thongtang N. Effect of *Thunbergia laurifolia* Herbal Tea on Glucose Homeostasis in Healthy Volunteers: A Single-Arm Phase I Study. *Evidence Comple Alter Med* 2020 Jul 23: 3212546. doi: 10.1155/2020/3212546. eCollection 2020.
9. Lumlerdkij N, Boonrak R, Booranasubkajorn S, Akarasereenont P, Heinrich M. In vitro protective effects of plants frequently used traditionally in cancer prevention in Thai traditional medicine: an ethnopharmacological study. *J Ethnopharm.* 2020; Mar 25: 250: 112409. doi: 10.1016/j.jep.2019.112409.
10. Sirikarin T, Palo T, Chotewuttakorn S, Chandranipapongse W, Limsuvan S, Akarasereenont P. The Effects of *Andrographis paniculata* on Platelet Activity in Healthy Thai Volunteers. *Evidence Comple Alter Med* 2018: 9383272, 1 – 9: <https://doi.org/10.1155/2017/9383272>.

11. Onkoksoong T, Jeayeng S, Pongvarin N, Limsaengurai S, Thamsermsang O, Tripatara P, Akarasereenont P, Panich U. Thai herbal antipyretic 22 formula (APF22) inhibits UVA-mediated melanogenesis through activation of Nrf2-regulated antioxidant defense. *Phytotherapy Research*. 2018; 1 – 9: DOI: <https://doi.org/10.1002/ptr.6083>.
12. Lumlerdkij N, Tantiwongse J, Booranasubkajorn S, Boonrak R, Akarasereenont P, Laohapand T, Heinrich M. Understanding cancer and its treatment in Thai traditional medicine: An ethnopharmacological survey. *J Ethnopharm*. 2018; 216: 259-273.
13. Palo T, Thaworn A, Charoenkij P, Thamsermsang O, Chotewuttakorn S, Tripatara P, Laohapand T, Akarasereenont P. The Effects of Thai Herbal Ha-Rak formula on COX Isoform Expression in Human Umbilical Vein Endothelial Cells Induced by IL-1 β . *Evidence Comple Alter Med* 2017; 9383272, 1- 11, <https://doi.org/10.1155/2017/9383272>.
14. Taweerutchana R, Saenmueang P, Vannasaeng S, Lumlerdkij N, Akarasereenont P, Sriwijitkamol A. Effect of Moringa oleifera Leaf Capsules on Glycemic Control in Therapy-Naive Type 2 Diabetes Patients: A Randomized Placebo Controlled Study. *Evidence Comple Alter Med* 2017; 6581390, 1- 7, <https://doi.org/10.1155/2017/6581390>.
15. Promsuban C, Limsuvan S, Akarasereenont P, Tilokskulchai K, Tapechum S, Pakaprot N. Bacopa monnieri extract enhances learning-dependent hippocampal long-term synaptic potentiation. *NeuroReport*. 2017; 28; 1031-35.
16. Muangchan N, Kooptiwut S, Tapechum S, Akarasereenont P, Vongsopanagul N, Pongwattanapakin K, Chaikomin R. 13C-acetic acid breath test monitoring of gastric emptying during disease progression in diabetic rats. *Biol Pharm Bull* 2017; 40: 1606- 14.
17. Khoomrung S, Wanichthanarak K, Nookaew I, Thamsermsang O, Seubnooch P, Laohapand T, Akarasereenont P. Metabolomics and integrative omics for the development of Thai traditional medicine. *Front Pharm* 2017; 8: 474(1-11): DOI: <https://doi.org/10.3389/fphar.2017.00474>.
18. Viravud Y, Apichartvorakit A, Mutirangura P, Akarasereenont P, Plakornkul V, Roongruangchai J, Laohapand T. The anatomical study of the major signal points of the Court-Type Thai Traditional Massage on legs and their effect on blood flow and thermal skin. *JIM* 2017; 15: 142-150: DOI: [https://dx.doi.org/10.1016/S2095-4964\(17\)60323-6](https://dx.doi.org/10.1016/S2095-4964(17)60323-6).
19. Booranasubkajorna S, Huabpraserta S, Wattanarangsana J, Chotithama P, Jutasompakorna P, Laohapanda T, Akarasereenont P, Tripatara P. Vasculoprotective and vasodilatation effects of Thai herbal Sahatsatara formula and piperine in spontaneously hypertensive rats. *Phytomedicine* 2017; 24: 148-156: DOI: <http://dx.doi.org/10.1016/j.phymed.2016.11.013>.
20. Htoo HH, Limsuvan S, Thamsermsang O, Hernandez JF, Checler F, Govitrapong P, Pakaprot N, Akarasereenont P, Vincent B. The Polyherbal Wattana Formula Displays Anti-Amyloidogenic Properties by Increasing α -Secretase Activities. *Plos One* 2017; 1-17: DOI: <https://doi.org/10.1371/journal.pone.0170360>.
21. Thamsermsang O, Akarasereenont P, Laohapand T, Panich U. IL-1-induced modulation of gene expression profile in human dermal fibroblasts: the effects of Thai herbal Sahatsatara formula, piperine and gallic acid possessing antioxidant properties. *BMC Comple Alter Med* 2017; 1-13: DOI: <https://doi.org/10.1186/s12906-016-1515-0>.
22. Lumlerdkij N, Boonrak R, Pongsitthichok S, Wipanso H, Akarasereenont P, Heinrich M. Protective effect of medicinal plants used in cancer prevention by traditional healers in Thailand. *Planta Med*. 2016; 81(S 01): S1-S381/ DOI: [10.1055/s-0036-1596906](https://doi.org/10.1055/s-0036-1596906).

23. Chaiprasongsuk A, Lohakul J, Soontrapa K, Sampattavanich S, Akarasereenont P, Panich U. Photoprotective role of Nrf2 in UVA-mediated MMP-1 via MAPK/AP-1 signaling in keratinocyte HaCaT cells and mouse skin: the photoprotective effects of hispidulin and sulforaphane. *J Pharm Exp Therp* 2017; 360: DOI: <https://doi.org/10.1124/jpet.116.238048>.
24. Wongkajornsilp A, Numchaisersuk N, Sa-ngiamsuntorn K, Akarasereenont P, Wamanuttajinda V, Kasetsinsombat K, Duangsa-ard S, Laohapan T, Maneechotesuwan K. Effects of the Ayurved Siriraj Wattana recipe on functional and phenotypic characterization of cytokine-induced killer cells and dendritic cells *in vitro*. *BMC Comple Alter Med* 2016; 16: 489; DOI 10.1186/s12906-016-1480-7
25. Vannabhum M, Poopong S, Wongwananuruk T, Nimmannit A, Suwannatrai U, Dangrat C, Apichartvorakit A, Booranasubkajorn S, Laohapand T, Akarasereenont P. The Efficacy of Thai Herbal Prasaplai Formula for Treatment of Primary Dysmenorrhea: A Randomized Controlled Trial. *Evidence Comple Alter Med* 2016; 2096797: 1-7.
26. Plakornkul V, Vannabhum M, Viravud Y, Roongruangchai J, Mutirangura P, Akarasereenont P, Laohapand T. The Effects of the Court-Type Thai Traditional Massage on Anatomical Relations, Blood Flow, and Skin Temperature of the Neck, Shoulder, and Arm. *BMC Comple Alter Med* 2016; 16: 363: 1-13.
27. Anthanont P, Lumlerdkij N, Akarasereenont P, Vannasaeng S, Sriwijitkamol A. Moringa Oleifera Leaf Increases Insulin Secretion after Single Dose Administration: A Preliminary in Healthy Subjects. *J Med Assoc Thai* 2016; 99: 308-313.
28. Panich U, Pluemsamran T, Tangsupa-a-nan V, Wattanarangsana J, Phadungrakwittaya R, Akarasereenont P, Laohapand T. Protective effect of AVS073, a polyherbal formula, against UVA-induced melanogenesis through a redox mechanism involving glutathione-related antioxidant defense. *BMC Comple Alter Med* 2013, 13: 159-169.
29. Pluemsamran T, Tripatara P, Phadungrakwittaya R, Akarasereenont P, Laohapand T, Panich U. Redox Mechanisms of AVS022, an Oriental Polyherbal Formula, and Its Component Herbs in Protection against Induction of Matrix Metalloproteinase-1 in UVA-Irradiated Keratinocyte HaCaT Cells. *Evidence Comple Alter Med* 2013, 12: 1-10.
30. Tripatara P, Onlamul W, Booranasubkajorn S, Wattanarangsana J, Huabprasert S, Lumlerdkij N, Akarasereenont P, Laohapand T. The safety of Homnawakod herbal formula containing Aristolochia tagala Cham. in Wistar rats. *BMC Comple Alter Med* 2012, 12: 1-10.
31. Akarasereenont P, Chatsiricharoenkul S, Pongnarin P, Sathirakul K, Kongpatanakul S. Bioequivalence Study of 1,500 mg Glucosamine Sulfate in Thai Healthy Volunteers. *J Bioeq Bioav* 2012; 4: 91-95.
32. Huabprasert S, Kasetsinsombat K, Kangsadalampai K, Wongkajornsilp A, Akarasereenont P, Panich U, Laohapand T. The Phyllanthus emblica L. infusion carries immunostimulatory activity in a mouse model. *J Med Assoc Thai* 2012; 95 (Suppl 2):S75-S82.
33. Pengkhum T, Chatsiricharoenkul S, Akarasereenont P, Charoencholvanich K. Phase II clinical trial of Ayurved Siriraj Wattana Recipe for symptomatic relief in patients with osteoarthritis of the knee. *J Med Assoc Thai* 2012; 95:452-460.
34. Watanapa WB, Theerathananon W, Akarasereenont P, Techatraisak K. Effects of preeclamptic plasma on potassium currents of human umbilical vein endothelial cells. *Reprod Sci* 2012; 19:391-399.

35. Panich U, Onkoksoong T, Limsaengurai S, Akarasereenont P, Wongkajornsilp A. UVA-induced melanogenesis and modulation of glutathione redox system in different melanoma cell lines: the protective effect of gallic acid. *J Photochem Photobiol B* 2012; 108:16-22.
36. Sa-ngiamsuntorn K, Wongkajornsilp A, Kasetsinsombat K, Duangsa-ard S, Nuntakarn L, Borwornpinyo S, Akarasereenont P, Limsrichamrern S, Hongeng S. Upregulation of CYP 450s expression of immortalized hepatocyte-like cells derived from mesenchymal stem cells by enzyme inducers. *BMC Biotechnol* 2011; 11: 89-104.
37. Panich U, Tangsupa-a-nan V, Onkoksoong T, Kongtaphan K, Kasetsinsombat K, Akarasereenont P, Wongkajornsilp A. Inhibition of UVA-mediated melanogenesis by ascorbic acid through modulation of antioxidant defense and nitric oxide system. *Arch Pharm Res* 2011; 34:811-820.
38. Panich U, Kongtaphan K, Onkoksoong T, Jaemsak K, Phadungrakwittaya R, Thaworn A, Akarasereenont P, Wongkajornsilp A. Modulation of antioxidant defense by *Alpinia galanga* and *Curcuma aromatica* extracts correlates with their inhibition of UVA-induced melanogenesis. *Cell Biol Toxicol* 2010; 26: 103-116.
39. Plasen D, Akarasereenont P, Techatraisak K, Chotewuttakorn S, Thaworn A. Initial response of endothelial cells to acute stimulation with a lipid component: increase cyclooxygenase activity by induction of COX-2 through activation of tyrosine kinase. *J Med Assoc Thai* 2010; 93 (Suppl 2):S59-S67.
40. Itthipanichpong R, Lupreechaset A, Chotewuttakorn S, Akarasereenont P, Onkoksoong T, Palo T, Kongpatanakul S, Chatsiricharoenkul S, Thitilertdecha P, Pungpeng P, Laohapand T. Effect of Ayurved Siriraj herbal recipe Chantaleela on platelet aggregation. *J Med Assoc Thai* 2010; 93:115-122.
41. Boonmasawai S, Akarasereenont P, Techatraisak K, Thaworn A, Chotewuttakorn S, Palo T. Effects of selective COX-inhibitors and classical NSAIDs on endothelial cell proliferation and migration induced by human cholangiocarcinoma cell culture. *J Med Assoc Thai* 2009; 92:1508-1515.
42. Akarasereenont P, Chatsiricharoenkul S, Pongnarin P, Sathirakul K, Kongpatanakul S. Bioequivalence Study of 500 mg Glucosamine Sulfate in Thai Healthy Volunteers. *J Med Assoc Thai* 2009;92: 1234-1239.
43. Panich U, Kongtaphan K, Onkoksoong T, Jaemsak K, Phadungrakwittaya R, Thaworn A, Akarasereenont P, Wongkajornsilp A. Modulation of antioxidant defense by *Alpinia galanga* and *Curcuma aromatica* extracts correlates with their inhibition of UVA-induced melanogenesis. *Cell Biol Toxicol* 2010;26:103-116.
44. Akarasereenont P, Tripatara P, Chotewuttakorn S, Palo T, Thaworn A. The effects of estrone, estradiol and estriol on platelet aggregation induced by adrenaline and adenosine diphosphate. *Platelet* 2006; 17: 441-447.
45. Viprakasit V, Kankirawatana S, Akarasereenont P, Durongpisitkul K, Chotewuttakorn S, Tanphaichitr V. Changes in plasma endothelin-1 (ET-1) during blood transfusion in thalassemic patients. *Am J Hematol* 2002; 70: 260-262.
46. Akarasereenont P, Techatraisak K, Thaworn A, Chotewuttakorn S. The expression of COX-2 in VEGF treated endothelial cells is mediated through protein tyrosine kinase. *Med Inflamm* 2002; 11: 17-22.

47. Akarasereenont P, Techatraisak K, Chotewuttakorn S, Thaworn A. The effects of COX-metabolites on cyclooxygenase-2 induction in LPS-treated endothelial cells. *J Med Assoc Thai* 2001; 84(Suppl3): S696-S709.
48. Akarasereenont P, Aiamsa-ard T, Chotewuttakorn S, Thaworn A. The activation of platelet aggregation by Human Cholangiocarcinoma Cells is mediated through thrombin receptor. *J Med Assoc Thai* 2001; 84(Suppl3): S710-S721.
49. Akarasereenont P, Leowattana W, Nuamchit T, Chotewuttakorn S, Thaworn A, Khunawat P. Serum nitric oxide levels in patients with coronary artery diseases. *J Med Assoc Thai* 2001; 84(Suppl3): S730-S739.
50. Thamaree S, Sitprija V, Punyavoravuth V, Akarasereenont P, Puckmanee N, Khow O, Thaworn N. Effects of russell's viper venom on mediator production in cultured human endothelial cells. *J Med Assoc Thai* 2001; 84 (Suppl1): S197-S207 .
51. Akarasereenont P, Techatrisak K, Thaworn A, Chotewuttakorn S. The induction of cyclooxygenase-2 by 17 β -estradiol in endothelial cells is mediated through protein kinase C. *Inflam Res* 2000; 49: 460-465.
52. Akarasereenont P, Techatrisak K, Chotewuttakorn S, Thaworn A. The induction of cyclooxygenase-2 in IL-1 α -treated endothelial cells is inhibited by prostaglandin E₂ through cAMP. *Med Inflam* 1999; 8: 287-294.
53. Akarasereenont P, Techatraisak K, Chotewuttakorn S, Thaworn A. The induction of cyclooxygenase-2 (COX-2) in cultured endothelial cells treated with serum from preeclampsia is mediated by interleukin-6. *J Med Assoc Thai* 1999; 82: 876-884.
54. Akarasereenont P, Techatraisak K, Thaworn A, Chotewuttakorn S. The expression of cyclooxygenase-2 in human umbilical vein endothelial cell culture from preeclampsia. *J Med Assoc Thai* 1999; 82: 167-172.
55. Akarasereenont P, Thiemermann C. The induction of cyclooxygenase-2 in human pulmonary epithelial cells (A549) activated by IL-1 β is inhibited by tyrosine kinase inhibitors. *Biochem Biophys Res Commun* 1996; 220: 181-185.
56. Akarasereenont P, Hide E, Ney P, Thiemermann C, Vane JR. The induction of cyclooxygenase-2 elicited by endotoxin in endothelial cells and macrophages is inhibited by prostaglandin E₁ and 13,14-dihydro prostaglandin E₁. *Agents Actions* 1995; 45(Suppl.): 59-64.
57. Akarasereenont P, Mitchell JA, Thiemermann C, Vane JR. Comparison of the induction of cyclooxygenase and nitric oxide synthase by endotoxin in endothelial cells and macrophages. *Eur J Pharmacol* 1995; 273: 121-128.
58. Akarasereenont P, Bakhle YS, Thiemermann C, Vane JR. Cytokines mediate the induction of cyclo-oxygenase-2 by activating tyrosine kinase in bovine aortic endothelial cells stimulated by bacterial lipopolysaccharide. *Br J Pharmacol* 1995; 115: 401-408.
59. Mitchell JA, Belvisi MG, Akarasereenont P, Robbins RA, Kwon OJ, Barnes PJ, Vane JR. Induction of cyclooxygenase-2 in human pulmonary epithelial cells. *Br J Pharmacol* 1994; 113: 1008-1014.
60. Akarasereenont P, Mitchell JA, Appleton I, Thiemermann C, Vane JR. Involvement of tyrosine kinase in the induction of cyclo-oxygenase and nitric oxide synthase by endotoxin in cultured cells. *Br J Pharmacol* 1994; 113: 1522-1528.

61. Mitchell JA, Akarasereenont P, Thiemermann C, Flower RJ, Vane JR. Selectivity of nonsteroidal antiinflammatory drugs as inhibitors of constitutive and inducible cyclooxygenase. *Proc Natl Acad Sci USA* 1993; 90: 11693-11697.

Review article

1. Khoomrung S, Wanichthanarak K, Nookaew I, Thamsermsang O, Seubnooch P, Laohapand T, Akarasereenont P. Metabolomics and Integrative Omics for The Development of Thai Traditional Medicine. *Front Pharm* 2017; 8: 474(1-11): DOI: <https://doi.org/10.3389/fphar.2017.00474>.

Book chapter

1. Pravit Akarasereenont, Marianne Jennifer Datiles, Natchagorn Lumlerdkij, Harisun Yaakob, Jose M Prieto, Michael Heinrich. A Southeast Asian perspective on ethnopharmacology. Chapter 27 in *Ethnopharmacology*. Michael Heinrich and Anna K Jager editors. 1st edition, 2015, John Wiley and Sons Ltd., West Sussex, United Kingdom, pp317-331.

National

Research article

1. Watcharasirikul N, Vannabhum M, Akarasereenont P, Harnphadungkit K. Comparative Effectiveness of Court-Type Thai Traditional Massage and Ultrasound Therapy in Patients with Neck Pain: A Randomized Controlled Trial. *Siriraj Med J* 2023; 75: 29-37. **In Press.**
2. Limsuvan S, Palo T, Mamaethong D, Yuthanarat N, Booranasubkajorn S, Lumlerdkij N, Maneechai K, Akarasereenont P. The effect of the Thai Herbal Wattana Formula on platelet aggregation and the relationship with innate Dhatu Chao Ruean. *Siriraj Med J* 2023; **In Press.**
3. Prachakit S, Onsa-ard A, Chaowpeerapong T, Vannabhum M, Suwannatrai S, Harnphadungkit K, Akarasereenont P. The Effect of Innate Body Elements (Innate Dhātu Chao Ruean, IDCR) with Lom Chappong Haeng Khao Disease. *Siriraj Med Bulletin* 2023; 16: 86-92. **In Press.**
4. Jamparngernthaweesri K, Lumlerdkij N, Booranasubkajorn S, Akarasereenont P. A retrospective study of Suk sai yad recipe uses in patients with insomnia. *Siriraj Med Bulletin* 2023; 16: 86-92. **In Press.**
5. Chuachang P, Hutapaet P, Wiwattamongkol D, Chaowpeerapong T, Lumlerdkij N, Akarasereenont. Network Analysis of Herbal Medicine Used for Skin Disease at Ayurved Clinic of Applied Thai Traditional Medicine Siriraj Hospital. *Siriraj Med Bulletin* 2023; 16: 86-92. **In Press.**
6. Kingtong K, Lumlerdkij N, Akarasereenont P, Booranasubkajorn S, Khatshima K, Tangchicharoen S, Pungpeng T. A comparative study of herbal medicines for treatment of wind diseases in Tamra Phra Osot Phra Narai and those used in Ayurved Clinic of Applied Thai traditional medicine, Siriraj hospital. *Siriraj Med Bulletin* 2023; 16: **In Press.**
7. Duangdee T, Harnphadungkit K, Akarasereenont P, Khatshima K, Booranasubkajorn S. Thai Traditional Herbal Medicines Used in the Treatment of Kasai in The Thai Tradition Medicine Textbook (Phaeththayasatsongkhro Chabap Anuraks) Volume 1 Compared with the Recipe of Siriraj Ayurved Clinic of Applied Thai Traditional Medicine: Analysis Based on Thai Traditional Pharmacy. *Siriraj Med Bulletin* 2023; 16(2): 86-95. **In Press.**
8. Wiwattamongkol D, Prompituck P, Dasri P, Thippayacharontam T, Vannabhum M, Akarasereenont P. Associations of Body Constituents in Thai Traditional Medicine with

- Health Behaviors in Patients with Hypertension. *Thai Pharm and Health Sci J* 2023; 18: **InPress** (July-Sep2023).
9. Watcharasirikul N, Vannabhum M, Akarasereenont P, Harnphadungkit K. Comparative effectiveness of Court-Type Thai Traditional massage and ultrasound therapy in patients with neck pain: a randomized controlled trial. *Siriraj Med J* 2023; **In Press**.
 10. Puttipaibool S, Akarasereenont P, Chomchai S, Udomphorn Y, Asavamongkolkul. The effects of different durations of 9-square dance exercise versus treadmill exercise on physical fitness and quality of life in healthy volunteers: A pilot randomized controlled trial. *Siriraj Med J* 2023; **In Press**.
 11. Wiwattamongkol D, Prompituck P, Dasri P, Thippayacharontam T, Vannabhum M, Akarasereenont P. Associations of Body Constituents in Thai Traditional Medicine with Health Behaviors in Patients with Hypertension. *Thai Pharm Health Sci J* 2023; 18: xxx-xxx.
 12. Sukcharoen P, Akarasereenont P, Lumlerdkij N. Comparison of phytochemical profiles in stamen of *Nelumbo nucifera* Gaertn. Harvested at different times. Graduate Research Forum 2022 (Mahidol University).
 13. Iam-am A, Booranasubkajorn S, Akarasereenont P, Wongsathit U. The herbal medicines for the treatment of female diseases in Mahashotarat scripture and the Ayurved clinic of Applied Thai traditional medicine, Siriraj hospital: An Analysis Based on Thai Traditional Pharmacy and Their Scientific Evidences. The 2nd Sri Kottabun Suksa National Conference 2022; Nakhon Phanom: p 418-428.
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