



บทความทางวิชาการ หนังสือ และผลงานอื่น เผยแพร่โดยราชบัณฑิตและภาคีสมาชิก สำนักวิทยาศาสตร์
ระหว่างเดือนมกราคมถึงกุมภาพันธ์ ๒๕๖๙ ดังนี้

หนังสือ

๑. **Bhidayasiri R**, Falup-Pecurariu C. From bedside to diagnosis: practical competencies in movement disorders. *International Review of Movement Disorders*, Vol. 10. Academic Press; 2025. Hardback ISBN: 9780443472886, eBook ISBN: 9780443472893
๒. **Chayamarit K**, Balslev, H. *Flora of Thailand*. Volume 16, Part 4. The Forest Herbarium, Department of National Parks, Wildlife and Plant Conservation. Bangkok. Idea Instant, Printing; 2025. ISBN: 978-616-316-838-21
๓. **Chayamarit K**, Balslev H. *Flora of Thailand*. Volume 15, Part 2. The Forest Herbarium, Department of National Parks, Wildlife and Plant Conservation. Bangkok. Idea Instant, Printing; 2025. ISBN: 978-616-316-848-21

บทในหนังสือ

๑. Sringean J, Panyakaew P, Phokaewwarangkul O, Jagota P, Phoumindr A, Phuenpathom W, Maytharakcheep S, Thien Thien L, Tran T, Vorachit S, Aye WM, **Bhidayasiri R**. Chapter One - Bridging the training gap in movement disorders: A regional curriculum framework. In: **Bhidayasiri R**, Falup-Pecurariu C, editors. *International review of movement disorders*. Academic Press; 2025. 10:1–31. doi:10.1016/bs.irmvd. 2025.09.007
๒. **Bhidayasiri R**, Phuenpathom W. Chapter Two - A neurologist's guide to the bedside examination of hypokinetic movement disorders. In: **Bhidayasiri R**, Falup-Pecurariu C, editors. *International review of movement disorders*. Academic Press; 2025. 10:33–74. doi:10.1016/bs.irmvd.2025.09.009
๓. Panyakaew P, Carandang RA, **Bhidayasiri R**. Chapter Three - Examination of hyperkinetic movement disorders. In: **Bhidayasiri R**, Falup-Pecurariu R, editors. *International review of movement disorders*. Academic Press; 2025. 10:75–117. doi:10.1016/bs.irmvd. 2025.09.006
๔. Maytharakcheep S, **Bhidayasiri R**. Chapter Five - The face as a diagnostic window: Bedside approach to abnormal facial movements. In: **Bhidayasiri R**, Falup-Pecurariu R, editors. *International review of movement disorders*. Academic Press; 2025. 10:159–97. doi:10.1016/bs.irmvd.2025.09.008
๕. Phokaewwarangkul O, **Bhidayasiri R**. Chapter Six - From fixation to blink: A stepwise ocular motor examination for movement disorders. In: **Bhidayasiri R**, Falup-Pecurariu C, editors.



International review of movement disorders. Academic Press; 2025. 10:199–225. doi:10.1016/bs.irmvd.2025.09.005

๖. Phuenpathom W, **Bhidayasiri R**. Chapter Seven - From first steps to diagnosis: A sign-based approach to gait in movement disorders. In: Bhidayasiri R, Falup-Pecurariu C, editors. International review of movement disorders. Academic Press; 2025. 10:227–54. doi:10.1016/bs.irmvd.2025.09.010

๗. Phokaewvarangkul O, Sanyawut K, **Bhidayasiri R**. Chapter Nine - Right patient, right therapy: A regional perspective on device-aided treatments for Parkinson's disease. In: Bhidayasiri R, Falup-Pecurariu R, editors. International review of movement disorders. Academic Press; 2025. 10:279–314. doi:10.1016/bs.irmvd.2025.09.011

๘. **Chayamarit K**. *Benkara*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2):238–242. Idea Instant Printing, Bangkok; 2025.

๙. **Chayamarit K**, Esser HJ. *Ceriscoides*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2):260–264. Idea Instant Printing, Bangkok; 2025.

๑๐. **Chayamarit K**, Chamchumroon V. *Oxyceros*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2):260–264. Idea Instant Printing, Bangkok. 2025.

๑๑. **Chayamarit K**. *Aidia*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2):329–336. Idea Instant Printing, Bangkok; 2025.

๑๒. **Chayamarit K**. *Dibridsonia*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2): 369–370. Idea Instant Printing, Bangkok; 2025.

๑๓. **Chayamarit K**. *Eumachia & Fosbergia*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2):378–381. Idea Instant Printing, Bangkok. 2025.

๑๔. **Chayamarit K**, Esser HJ. *Guettardella*. In: **Chayamarit K**, Balslev H, editors. Flora of Thailand. Volume 15(2):398–399. Idea Instant Printing, Bangkok; 2025.

บทความทางวิชาการในวารสาร

๑. Tongkerd P, Janjai T, Pholyotha A, Gojšina V, **Panha S**, Sutcharit C. The microsnail genera *Clostophis* and *Acinolaemus* (Eupulmonata, Pupilloidea, Hypselostomatidae) from central Thailand, with description of three new species. ZooKeys. 2025;1258:35–71. doi:10.3897/zookeys.1258.162797

๒. Yano D, Pholyotha A, Mizuno G, Sutcharit C, Oba Y, ..., **Panha S**. Fluorescence in three species ariophantid land snails from Thailand. J Molluscan Stud. 2025;91:eyaf027. doi:10.1093/Mollus/eyaf027



๓. Youyencharoen P, Junchum P, Posachayanan N, Thoumrungroj A, Longchin P, **Hunsom M.** Upcycling industrial plating effluent for rapid synthesis of Ag-decorated defective WO₃ with enhanced photocatalytic activity. *Chemosphere*. 2025;394:144793. doi:10.1016/j.chemosphere.2025.144793
๔. Sutthiphong T, Thoumrungroj A, Longchin P, **Hunsom M.** Mechanistic insights into photocatalytic hydrogen evolution from crude glycerol solution over gold-decorated TiO₂ nanostructures. *Mol Catal*. 2025;590:115657. doi:10.1016/j.mcat.2025.115657
๕. Longchin P, Gebremariam TT, Thoumrungroj A, **Hunsom M.** Highly efficient photocatalytic H₂ production from refined crude glycerol via CuO/TiO₂ nanocomposites: Process optimization and role of co-catalysts. *J Alloys Compd*. 2025;1050:185660. doi:10.1016/j.jallcom.2025.185660
๖. Khunnamwong P, Gungprakhon P, Nualthaisong P, Sakolrak B, Srisuk N, **Limtong S.** Three novel ascomycetous yeast species isolated from plant leaves and wild mushrooms collected in Thailand. *Trop Nat His (Supplement)*. 2025;8:399–414. doi:10.58837/tnh.25.8.267392
๗. Jindamorakot, S, Am-in S, Kaewwichian R, Khunnamwong P, **Limtong S.** *Metschnikowia sirindhorniae* f.a., sp. nov. and *Moniliella princeps* sp. nov., two novel yeasts species isolated from toddy palm (*Borassus flabellifer* L.) inflorescence sap in Thailand. *Trop Nat His (Supplement)*. 2025;8:439–48. doi:10.58837/tnh.25.8.267713
๘. Tongkerd P, Janjai T, Pholyotha A, Gojšina V, **Panha S,** Sutcharit C. The microsnail genera *Clostophis* and *Acinolaemus* (Eupulmonata, Pupilloidea, Hypselostomatidae) from central Thailand, with description of three new species. *ZooKeys*. 2025;1258:35–71. doi:10.3897/Zookeys.1258.162797
๙. Yano D, Pholyotha A, Mizuno G, Sutcharit C, Oba Y, ..., **Panha S.** Fluorescence in three species ariophantid land snails from Thailand. *J Molluscan Stud*. 2025;91:eyaf027. doi:10.1093/Mollus/eyaf027
๑๐. Suntornsaratoon P, Bulanawichit W, Siricoon S, Saengsirisuwan V, Panupinthu N, ..., **Charoenphandhu N.** Uricosuric, antioxidant, and anti-inflammatory properties of *Pandanus amaryllifolius* Roxb. extract against potassium oxonate-induced hyperuricemia in rats. *Sci Rep*. 2025;15(1):45700. doi:10.1038/s41598-025-27933-7
๑๑. Settakorn K, Khantamat O, Li J, **Charoenphandhu N,** Chanpaisang K, Paradee N, et al. Administration of green tea polyphenols mitigates iron-overload-induced bone loss in a β -thalassemia mouse model. *NPJ Sci Food*. 2025;9(1):239. doi:10.1038/s41538-025-00601-w



๑๒. Saeung M, Aung PL, Jupatanakul N, Manguin S, **Chareonviriyaphap T**, Phuanukoonnon S. Estimating malaria risk behaviours and their determinants among at-risk populations in a pre-elimination setting, Sisaket Province, Thailand-Cambodia border. *Malar J.* 2025;24(1):293. doi:10.1186/s12936-025-05558-5

๑๓. Mohamed W, Yamashita T, Sandhir R, **Bhidayasiri R**. Neuroscience in Asia-Pacific: Horizons and Innovations. *IBRO Neurosci Rep.* 2025;19:578–9. doi:10.1016/j.ibneur.2025.08.022.

๑๔. Kunasol C, Maneechote C, Apajjai N, Thonusin C, Parbao C, ..., **Chattipakorn N**, et al. Dapagliflozin enhances gut barrier function in rats with chronic myocardial infarction by modulating gut microbiota balance. *Ann Transl Med.* 2025;13(6):70. doi:10.21037/atm-25-132.

๑๕. Jariyasopit N, Phochmak T, Manochew S, Wanichthanarak K, Limjiasahapong S, ..., **Chattipakorn N**, et al. Higher plasma kynurenine to tryptophan correlates with an increased incidence of mild cognitive impairment in treated metabolic syndrome patients. *ACS Omega.* 2025;10(51):63226–63237. doi:10.1021/acsomega.5c09713.

๑๖. Teekaput C, Thiankhaw K, Tanprawate S, Apajjai N, Suparan K, ..., **Chattipakorn N**, et al. Alterations in the expression of Let-7i, miR-21-5p, and miR-30b-5p in plasma-derived extracellular vesicles as the possible prognostic markers in central demyelinating diseases. *Mol Neurobiol.* 2025;63(1):267. doi:10.1007/s12035-025-05594-x

๑๗. Pintana H, Apajjai N, Sripusanapan A, Chunchai T, Jinarat D, **Chattipakorn N**, Chattipakorn SC. A hyperpolarization-activated cyclic nucleotide-gated channel inhibitor mitigates brain mitochondrial oxidative stress, but does not affect other neuropathological. *Neurotoxicology.* 2025;111:103341. doi:10.1016/j.neuro.2025.103341

๑๘. Chantakhaw S, Kunasol C, Khorana J, Tepmalai K, **Chattipakorn N**, Chattipakorn SC. Longitudinal analysis of gut microbiota dysbiosis and bacterial signatures predictive of postoperative enterocolitis in children with Hirschsprung disease. *Clin Exp Pediatr.* 2025. doi:10.3345/cep.2025.01886

๑๙. Dokkaew S, Songdum K, Prachom N, Boonyung W, Kitikiew S, ..., **Na-Nakorn U**, et al. The effects of hormone diets with different 17β -estradiol levels on growth and feminization in long-whiskered catfish (*Mystus gulio*) larvae using conventional and microencapsulated feed. *Animals.* 2026;16(2):268. doi:10.3390/ani16020268

๒๐. Wannakittirat A, Yimsangyad K, Lumlertgul N, Peerapornratana S, **Srisawat N**. Hypertonic citrate solution protocol associated with longer filter lifetime in critically ill patients requiring continuous kidney replacement therapy. *Blood Purif.* 2025:1–11. doi:10.1159/000546579



๒๑. Gaudry S, **Srisawat N**, Joannidis M. Renal replacement therapy. *Intensive Care Med.* 2025;51(8):1514–17. doi:10.1007/s00134-025-07987-x

๒๒. Tangchitthavorngul S, Lumlertgul N, Peerapornratana S, Mai AT, Hasan MS,, **Srisawat N**. Epidemiology and long-term outcomes of critically ill patients with severe AKI in India and Southeast Asia. *Intensive Care Med.* 2025;51(7):1306–19. doi:10.1007/s00134-025-08008-7

๒๓. Limothai U, Tachaboon S, Dinhuizen J, Wanpaisitkul M, Chulapornsiri C,, **Srisawat N**. Prospective Evaluation of the FUJIFILM SILVAMP Dengue NS1 Ag for Early Dengue Detection: A Multicenter Study in Thailand. *J Med Virol.* 2025;97(8):e70541. doi:10.1002/jmv.70541.

๒๔. Lumlertgul N, Wannakittirat A, Kung JY, **Srisawat N**, Collister D, See EJ, et al. Sex and gender considerations in randomized controlled trials in critical care nephrology: a meta-epidemiologic study. *BMC Med.* 2025;23(1):386. doi:10.1186/s12916-025-04202-y

๒๕. Tangchitthavorngul S, Lumlertgul N, Peerapornratana S, Mai AT, Hasan MS, Loh CTI, ..., **Srisawat N**. Epidemiology and long-term outcomes of critically ill patients with severe AKI in India and Southeast Asia. *Intensive Care Med.* 2025;51(7):1306–19. doi:10.1007/s00134-025-08008-7

๒๖. Tran PNT, Wannakittirat A, Luyckx V, Wiles K, Yadla M, Chakravarthi R,, **Srisawat N**. Incidence of pregnancy-associated acute kidney injury in low- and middle-income countries: a meta-analysis. *Bull World Health Organ.* 2025;103(8):493–506. doi:10.2471/BLT.24.293077

๒๗. Yimsangyad K, Lertussavavivat T, Leewongworasingh A, Sorose N, **Srisawat N**. Implementation of quality-controlled in-house dialysis solution for continuous renal replacement therapy: a solution for resource-limited settings. *J Crit Care.* 2025;88:155064. doi: 10.1016/j.jcrc.2025.155064

๒๘. Kusirisin P, Peerapornratana S, Sutawong J, Teerawattananon Y, **Srisawat N**. Lesson learnt from implementing a CRRT reimbursement program in a resource-limited setting. *J Crit Care.* 2025;88:155089. doi:10.1016/j.jcrc.2025.155089

๒๙. Gaudry S, **Srisawat N**, Joannidis M. Renal replacement therapy. *Intensive Care Med.* 2025;51(8):1514–7. doi:10.1007/s00134-025-07987-x

๓๐. Limothai U, Tachaboon S, Dinhuizen J, Wanpaisitkul M, Chulapornsiri C, Tiawilai A,, **Srisawat N**. Prospective evaluation of the FUJIFILM SILVAMP Dengue NS1 Ag for early dengue detection: a multicenter study in Thailand. *J Med Virol.* 2025;97(8):e70541. doi:10.1002/jmv.70541



๓๑. Nelson-Piercy C, **Srisawat N**, Kashani K, Lumlertgul N, Murugan R, Rhee H, et al. Pregnancy-associated acute kidney injury - consensus report of the 32nd Acute Disease Quality Initiative workgroup. *Nat Rev Nephrol.* 2025;21(9):633–46. doi:10.1038/s41581-025-00979-6
๓๒. Phasuk A, Putthabucha N, Winuprasith T, **Srisawat N**, Khomein P. Hemoperfusion adsorbents from porous PMMA microspheres: synthesis approaches and their cytokine removal efficiency. *J Mater Chem B.* 2025;13(39):12614–23. doi:10.1039/d5tb01570g
๓๓. Ritsamdang J, Bunditanukul K, **Srisawat N**, Areepium N. Stage-specific predictors and outcomes of colistin-associated acute kidney injury in surgical and medical ICU patients. *Hosp Pharm.* 2025;00185787251390771. doi:10.1177/00185787251390771
๓๔. Cerda J, Kashani K, Ostermann M, Basu RK, Bell S, Cantaluppi V, ..., **Srisawat N**, et al. The global epidemiology of acute kidney injury: challenges and opportunities. *Nat Rev Nephrol.* 2025. doi:10.1038/s41581-025-01030-4
๓๕. Chusiri S, Vamananda J, Rungkitwattanukul D, Charoensareerat T, Pattharachayakul S, ..., **Srisawat N**, et al. Levetiracetam dosing in critically ill patients receiving prolonged intermittent renal replacement therapy. *J Crit Care.* 202;91:155246. doi:10.1016/j.jcrc.2025. 155246
๓๖. Chaijamorn W, Sriboonruang T, Rungkitwattanukul D, Vamananda J, Charoensareerat T, ..., **Srisawat N**, et al. Authors reply: “Levetiracetam dosing in critically ill patients receiving prolonged intermittent renal replacement therapy”. *J Crit Care.* 2026;91: 155313. doi:10.1016/j.jcrc.2025.155313
๓๗. **Bhidayasiri R**, Ang JK, Chee KY, Ho R, Mawardi ASB, Nurhidayat AW, Paholpak P, Pariwatcharakul P, Sanguanvichaikul T, Ung EK, Wardani ND, Yeo B. Enriching global perspectives through a regional lens: Recognition, assessment, and management of tardive dyskinesia in Southeast Asia. *J Mov Disord.* 2026;19(1):11–8. doi:10.14802/jmd.25146
๔๐. Nguyen T, Nguyen TD, Nguyen TN, **Chaiyabutr N**, Thammacharoen S. Dietary vitamin E and selenium supplementation improves hematological responses and productivity of growing goats consuming diluted seawater under tropical conditions. *Vet World.* 2026;19(2):481–92. doi:10.14202/vetworld.2026.481-492
๔๑. Aeimlapa R, Panmanee J, Teerapornpuntakit J, Wongdee K, ..., **Chattipakorn N**, **Charoenphandhu N**. Vildagliptin and omarigliptin differentially bind to DPP-4 homodimers and modulate osteoclast-mediated bone resorption. *Comp Physiol.* 2026;16(1):e70103. doi:10.1038/s41598-025-27933-7
๔๒. Thonusin C, Maneechote C, Chattipakorn SC, **Chattipakorn N**. The toxic effects of doxorubicin and trastuzumab on cardiac metabolic reprogramming are associated with impaired



mitochondrial dynamics balance. Food Chem Toxicol. 2026;208:115895. doi: 10.1016/j.fct.2025.115895

๔๓. Cheng H, Sripetchwandee J, Pratchayasakul W, **Chattipakorn N**, Chattipakorn SC. Potential benefits of vitamin D on brain pathologies and cognitive function in metabolic syndrome: evidence from *in vivo* and clinical studies. Nutr Neurosci. 2026;29(1):108–25. doi: 10.1080/1028415X.2025.2544615

๔๔. Piriyaikhuntorn P, Tantiworawit A, Niprapan P, Thonusin C, Nawara W, ..., **Chattipakorn N**, et al. Prevalence of low bone mineral density and associated plasma metabolite alterations in thalassemia. Sci Rep. 2026. doi:10.1038/s41598-025-34667-z

๔๕. Tangchitthavorngul S, **Srisawat N**. MAKE no mistake: mortality can drown the CKD signal after AKI. Authors' reply. Intensive Care Med. 2026;52(1):193. doi:10.1007/s00134-025-08228-x

๔๖. Limothai U, **Srisawat N**, Haake DA. Early diagnosis and treatment of leptospirosis: optimizing clinical outcomes. J Infect. 2026;92(2):106675. doi:10.1016/j.jinf. 2025.106675

๔๗. Wannakittirat A, Nimkietkajorn V, Thanapongsathorn P, Chaijamorn W, Sorose N, ..., **Srisawat N**. SGLT2 inhibitors and long-term outcomes after acute kidney injury. Kidney Int Rep. 2026;11:103752. doi:10.1016/j.ekir.2025.103752

๔๘. Lertussavavivat T, Sriswasdi S, Faisatjatham S, Sukmark T, Peerapornratana S, ..., **Srisawat N**. Development and internal validation of machine learning in predicting prognosis of acute kidney injury patients in resource-limited setting. J Crit Care. 2026;93:155479. doi:10.1016/j.jcrrc.2026.155479

๔๙. Tangjitaree P, Thanapongsatorn P, Sinjira T, Surinrat E, Suttiruk P, **Srisawat N**. The comparison of circuit lifespan between integration and separation approach in extracorporeal membrane oxygenation patients requiring continuous renal replacement therapy support: a randomized controlled trial (E-CRRT Trial). Intensive Care Med. 2026. doi:10.1007/s00134-026-08302-y

๕๐. Charinpanitkul T, Faungnawakij K, Bamrungsap S, Kiatphuengporn S, **Tanthapanichakoon W**. Advancement and contributions of nanoparticle technology in Thailand from 2008 to 2024. KONA Powder Part J. 2026;43:117–40. doi:10.14356/kona.2026010