

## เอกสารอ้างอิง โภจจุฬาลำพา

1. ชัยนัต พิเชียรสุนทร แม้นมาส ชวลิต วิเชียร จีรวงศ์. คำอธิบายตำราพระโอสถพระนารายณ์. กรุงเทพมหานคร: สำนักพิมพ์อมรินทร์, 2542.
2. Efferth T. Willmar Schwabe Award 2006: Antiplasmodial and antitumor activity of artemisinin from bench to bedside. *Planta Med* 2007; 73(4): 299-309.
3. China Pharmacopoeia Commission. Pharmacopoeia of The People's Republic of China. Vol. 1. Beijing: People's Republic of China, 2005.
4. Sagar SM, Yance D, Wong RK. Natural health products that inhibit angiogenesis: a potential source for investigational new agents to treat cancer-Part 1. *Curr Oncol* 2006; 13(1): 14-26.
5. The Forest Herbarium, Royal Forest Department. Thai Plant Names Tem Smitinand. Revised ed. Bangkok: Prachachon Co., 2001.
6. Sefidkon F, Jalili A, Rabie M, Hamzehee B, Asri Y. Chemical composition of the essential oil of five *Artemisia* species from Iran. *J Essent Oil-Bearing Plants* 2003; 6(1): 41-5.
7. Jerkovic I, Mastelic J, Milos M, Juteau F, Masotti V, Viano J. Chemical variability of *Artemisia vulgaris* L. essential oils originated from the Mediterranean area of France and Croatia. *Flavour Frag J* 2003; 18(5): 436-40.
8. Li Y, Li MY, Wang L, Jiang ZH, Li WY, Li H. Induction of apoptosis of cultured hepatocarcinoma cell by essential oil of *Artemisia annua* L. *Sichuan Da Xue Xue Bao Yi Xue Ban* 2004; 35(3): 337-9.
9. Thao NTP, Thuy NT, Hoi TM, Thai TH, Muselli A, Bighelli A, Castola V, Casanova J. *Artemisia vulgaris* L. from Vietnam: Chemical variability and composition of the oil along the vegetative life of the plant. *J Essent Oil Res* 2004; 16(4): 358-61.
10. Blagojevic P, Radulovic N, Palic R, Stojanovic G. Chemical composition of the essential oils of Serbian wild-growing *Artemisia absinthium* and *Artemisia vulgaris*. *J Agric Food Chem* 2006; 54(13): 4780-9.
11. Liao HW, Wang DY, Li XM. Studies on the chemical constituents of essential oil of Hunan *Artemisia annua*. *Zhong Yao Cai* 2006; 29(6): 562-4.
12. Zhang Y. Chemical constituents of essential oil of *Artemisia vulgaris*. *Guangxi Zhiwu* 2006; 26(1): 110-2.
13. Ma C, Wang H, Lu X, Li H, Liu B, Xu G. Analysis of *Artemisia annua* L. volatile oil by comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry. *J Chromatogr A* 2007; 1150(1-2): 50-3.
14. Barney JN, Hay AG, Weston LA. Isolation and characterization of allelopathic volatiles from mugwort (*Artemisia vulgaris*). *J Chem Ecol* 2005; 31(2): 247-65.

15. Juteau F, Masotti V, Bessièère JM, Dherbomez M, Viano J. Antibacterial and antioxidant activities of *Artemisia annua* essential oil. *Fitoterapia* 2002; 73(6): 532-5.
16. Haider F, Dwivedi PD, Naqvi AA, Bagchi GD. Essential oil composition of *Artemisia vulgaris* harvested at different growth periods under Indo-gangetic Plain conditions. *J Essent Oil Res* 2003; 15(6): 376-8.
17. Judzentiene A, Buzelyte J. Chemical composition on essential oils of *Artemisia vulgaris* L. (mugwort) from North Lithuania. *Chemija* 2006; 17(1): 12-5.
18. Sy LK, Brown GD. Deoxyarteannuin B, dihydrodeoxyarteannuin B and trans-5-hydroxy-2-isopropenyl-5-methylhex-3-en-1-ol from *Artemisia annua*. *Phytochemistry* 2001; 58(8): 1159-66.
19. Haynes RK, Vonwiller SC. Extraction of artemisinin and artemisinic acid: preparation of artemether and new analogues. *Trans R Soc Trop Med Hyg* 1994; 88(Suppl 1): S23-6.
20. Zheng GQ. Cytotoxic terpenoids and flavonoids from *Artemisia annua*. *Planta Med* 1994; 60(1): 54-7.
21. Kohler M, Haerdi W, Christen P, Veuthey JL. Extraction of artemisinin and artemisinic acid from *Artemisia annua* L. using supercritical carbon dioxide. *J Chromatogr A* 1997; 785(1-2): 353-60.
22. Wallaart TE, van Uden W, Lubberink HG, Woerdenbag HJ, Pras N, Quax WJ. Isolation and identification of dihydroartemisinic acid from *Artemisia annua* and its possible role in the biosynthesis of artemisinin. *J Nat Prod* 1999; 62(3): 430-3.
23. Wallaart TE, Pras N, Quax WJ. Isolation and identification of dihydroartemisinic acid hydroperoxide from *Artemisia annua*: A novel biosynthetic precursor of artemisinin. *J Nat Prod* 1999; 62(8): 1160-2.
24. Kawamoto H, Sekine H, Furuya T. Production of artemisinin and related sesquiterpenes in Japanese *Artemisia annua* during a vegetation period. *Planta Med* 1999; 65(1): 88-9.
25. Dhingra V, Rao KV, Narasu ML. Current status of artemisinin and its derivatives as antimalarial drugs. *Life Sci* 2000; 66(4): 279-300.
26. Dhingra V, Narasu ML. Purification and characterization of an enzyme involved in biochemical transformation of arteannuin B to artemisinin from *Artemisia annua*. *Biochem Biophys Res Commun* 2001; 281(2): 558-61.
27. Balint GA. Artemisinin and its derivatives: an important new class of antimalarial agents. *Pharmacol Ther* 2001; 90(2-3): 261-5.
28. Foglio MA, Dias PC, Antônio MA, Possenti A, Rodrigues RA, da Silva EF, Rehder VL, de Carvalho JE. Anti-ulcerogenic activity of some sesquiterpene lactones isolated from *Artemisia annua*. *Planta Med* 2002; 68(6): 515-8.

29. Rotblatt M, Ziment I. Evidence-based Herbal Medicine. Philadelphia: Hanley & Belfus Inc., 2002.
30. Sriram D, Rao VS, Chandrasekhara KV, Yogeewari P. Progress in the research of artemisinin and its analogues as antimalarials: an update. *Nat Prod Res* 2004; 18(6): 503-27.
31. Jung M, Lee K, Kim H, Park M. Recent advances in artemisinin and its derivatives as antimalarial and antitumor agents. *Curr Med Chem* 2004; 11(10): 1265-84.
32. Singh NP, Lai HC. Artemisinin induces apoptosis in human cancer cells. *Anticancer Res* 2004; 24(4): 2277-80.
33. Noori S, Naderi GA, Hassan ZM, Habibi Z, Bathaie SZ, Hashemi SM. Immunosuppressive activity of a molecule isolated from *Artemisia annua* on DTH responses compared with cyclosporin A. *Int Immunopharmacol* 2004; 4(10-11): 1301-6.
34. Bhandari P, Gupta AP, Singh B, Kaul VK. Simultaneous densitometric determination of artemisinin, artemisinic acid and arteannuin-B in *Artemisia annua* using reversed-phase thin layer chromatography. *J Sep Sci* 2005; 28(17): 2288-92.
35. Li WD, Dong YJ, Tu YY, Lin ZB. Dihydroarteannuin ameliorates lupus symptom of BXSB mice by inhibiting production of TNF-alpha and blocking the signaling pathway NF-kappaB translocation. *Int Immunopharmacol* 2006; 6(8): 1243-50.
36. Romero MR, Serrano MA, Vallejo M, Efferth T, Alvarez M, Marin JJ. Antiviral effect of artemisinin from *Artemisia annua* against a model member of the Flaviviridae family, the bovine viral diarrhoea virus (BVDV). *Planta Med* 2006; 72(13): 1169-74.
37. Haynes RK. From artemisinin to new artemisinin antimalarials: biosynthesis, extraction, old and new derivatives, stereochemistry and medicinal chemistry requirements. *Curr Top Med Chem* 2006; 6(5): 509-37.
38. Lai H, Singh NP. Oral artemisinin prevents and delays the development of 7,12-dimethylbenz- [a]anthracene (DMBA)-induced breast cancer in the rat. *Cancer Lett* 2006; 231(1): 43-8.
39. Efferth T. Molecular pharmacology and pharmacogenomics of artemisinin and its derivatives in cancer cells. *Curr Drug Targets* 2006; 7(4): 407-21.
40. Tanaka H, Putalun W, De-Eknamkul W, Matangkasombut O, Shoyama Y. Preparation of a novel monoclonal antibody against the antimalarial drugs, artemisinin and artesunate. *Planta Med* 2007; 73(10): 1127-32.
41. Lommen WJ, Elzinga S, Verstappen FW, Bouwmeester HJ. Artemisinin and sesquiterpene precursors in dead and green leaves of *Artemisia annua* L. *Crops. Planta Med* 2007; 73(10): 1133-9.

42. Zhou HJ, Wang WQ, Wu GD, Lee J, Li A. Artesunate inhibits angiogenesis and downregulates vascular endothelial growth factor expression in chronic myeloid leukemia K562 cells. *Vascul Pharmacol* 2007; 47(2-3): 131-8.
43. Wei ZX, Pan JP, Li Y. Artemisinin G: A sesquiterpene from *Artemisia annua*. *Planta Med* 1992; 58(3): 300.
44. Nair MS, Basile DV. Bioconversion of arteannuin B to artemisinin. *J Nat Prod* 1993; 56(9): 1559-66.
45. Haggag MY, El-Tantawy ME, Fathy FI, Shams MM. Phytochemical and biological study of *Artemisia vulgaris* L. cultivated in Egypt. *Bull Fac Pharm (Cairo University)* 2003; 41(2): 99-106.
46. Bilia AR, Melillo de Malgalhaes P, Bergonzi MC, Vincieri FF. Simultaneous analysis of artemisinin and flavonoids of several extracts of *Artemisia annua* L. obtained from a commercial sample and a selected cultivar. *Phytomedicine* 2006; 13(7): 487-93.
47. Lai JP, Lim YH, Su J, Shen HM, Ong CN. Identification and characterization of major flavonoids and caffeoylquinic acids in three Compositae plants by LC/DAD-APCI/MS. *J Chromatogr B Analyt Technol Biomed Life Sci* 2007; 848(2): 215-25.
48. Han X, Ma X, Zhang T, Zhang Y, Liu Q, Ito Y. Isolation of high-purity casticin from *Artemisia annua* L. by high-speed counter-current chromatography. *J Chromatogr A* 2007;1151(1-2): 180-2.
49. Stermitz FR, Scriven LN, Tegos G, Lewis K. Two flavonols from *Artemisa annua* which potentiate the activity of berberine and norfloxacin against a resistant strain of *Staphylococcus aureus*. *Planta Med* 2002; 68(12): 1140-1.
50. Fraisse D, Carnat A, Carnat AP, Guedon D, Lamaison JL. Hydroxycinnamic acid levels of various batches from mugwort flowering tops. *Annal Pharm Fr* 2003; 61(4): 265-8.
51. Huang L, Liu JF, Liu LX, Li DF, Zhang Y, Nui HZ, Song HY, Zhang CY. Antipyretic and anti-inflammatory effects of *Artemisia annua* L. *Zhongguo Zhong Yao Za Zhi* 1993; 18(1): 44-8.
52. Szeto YT, Benzie IF. Is the yin-yang nature of Chinese herbal medicine equivalent to antioxidation-oxidation ?. *J Ethnopharmacol* 2006; 108(3): 361-6.
53. Yance DR, Sagar SM. Targeting angiogenesis with integrative cancer therapies. *Integr Cancer Ther* 2006; 5(1): 9-29.
54. Mu D, Chen W, Yu B, Zhang C, Zhang Y, Qi H. Calcium and survivin are involved in the induction of apoptosis by dihydroartemisinin in human lung cancer SPC-A-1 cells. *Methods Find Exp Clin Pharmacol* 2007; 29(1): 33-8.
55. นันทวัน บุญยะประภัศร. อรนุช โชคชัยเจริญพร. สมุนไพร..ไม่พื้นบ้าน เล่ม 1. กรุงเทพมหานคร: บริษัทประชาชนจำกัด, 2539.

56. Perazzo FF, Carvalho JC, Carvalho JE, Rehder VL. Central properties of the essential oil and the crude ethanol extract from aerial parts of *Artemisia annua* L. *Pharmacol Res* 2003; 48(5): 497-502.
57. Classen W, Altmann B, Gretener P, Souppart C, Skelton-Stroud P, Krinke G. Differential effects of orally versus parenterally administered qinghaosu derivative artemether in dogs. *Exp Toxicol Pathol* 1999; 51(6): 507-16.
58. Mueller MS, Runyambo N, Wagner I, Borrmann S, Dietz K, Heide L. Randomized controlled trial of a traditional preparation of *Artemisia annua* L. (Annual Wormwood) in the treatment of malaria. *Trans R Soc Trop Med Hyg* 2004; 98(5): 318-21.
59. Rääth K, Taxis K, Walz G, Gleiter CH, Li SM, Heide L. Pharmacokinetic study of artemisinin after oral intake of a traditional preparation of *Artemisia annua* L. (Annual Wormwood). *Am J Trop Med Hyg* 2004; 70(2): 128-32.