

Citations

1. Kwon YB, Yoon SY, Kim HW et al. Substantial role of locus coeruleus–noradrenergic activation and capsaicin-insensitive primary afferent fibers in bee venom's anti-inflammatory effect. *Neurosci Res* 2006;55:197-203.
2. Szallasi A. Vanilloid (capsaicin) receptors in health and disease. *Am J Clin Pathol* 2002;118:110-121.
3. Archer VE, Jones DW. Capsaicin pepper, cancer and ethnicity. *Med Hypotheses* 2002;59:450-457.
4. Appendino G, Szallasi A. Euphorbium: modern research on its active principle, resiniferatoxin, revives an ancient medicine. *Life Sci* 1997;60:681-696.
5. Blumenthal M, Busse W, Goldberg A et al. *The Complete German Commission E Monographs*. Austin, TX: American Botanical Council: Integrative Medicine Communications; 1998.
6. McKenna D, Jones K, Hughes K, Humphrey S. *Capsicum*. Botanical Medicines. 2nd ed. Binghamton, NY: Haworth Press; 2002:65-100.
7. Menendez L, Lastra A, Hidalgo A, Baamonde A. The analgesic effect induced by capsaicin is enhanced in inflammatory states. *Life Sci* 2004;74:3235-3244.
8. BHMA. *Capsicum*. British Herbal Pharmacopoeia. Bournemouth, UK: British Herbal Medicine Association; 1983:47-48.
9. Solanke TF. The effect of red pepper (*Capsicum frutescens*) on gastric acid secretion. *J Surg Res* 1973;15:385-390.
10. Jensen-Jarolim E, Gajdzik L, Haberl I et al. Hot spices influence permeability of human intestinal epithelial monolayers. *J Nutr* 1998;128:577-581.
11. Holzer P, Pabst MA, Lippe IT. Intragastric capsaicin protects against aspirin-induced lesion formation and bleeding in the rat gastric mucosa. *Gastroenterology* 1989;96:1425-1433.
12. Holzer P. Peppers, capsaicin, and the gastric mucosa. *JAMA* 1989;261:3244-3245.
13. Uchida M, Yano S, Watanabe K. Aggravation by the capsaicin treatment of gastric antral ulcer induced by the combination of 2-deoxy-d-glucose, aspirin and ammonia in rats. *Jpn J Pharmacol* 1991;57:377-385.
14. Uchida M, Yano S, Watanabe K. The role of capsaicin-sensitive afferent nerves in protective effect of capsaicin against absolute ethanol-induced gastric lesions in rats. *Jpn J Pharmacol* 1991;55:279-282.
15. Gonzalez R, Dunkel R, Koletzko B et al. Effect of capsaicin-containing red pepper sauce suspension on upper gastrointestinal motility in healthy volunteers. *Dig Dis Sci* 1998;43:1165-1171.
16. Lim K, Yoshioka M, Kikuzato S et al. Dietary red pepper ingestion increases carbohydrate oxidation at rest and during exercise in runners. *Med Sci Sports Exerc* 1997;29:355-361.
17. Henry CJ, Emery B. Effect of spiced food on metabolic rate. *Hum Nutr Clin Nutr* 1986;40:165-168.
18. Yoshioka M, Lim K, Kikuzato S et al. Effects of red-pepper diet on the energy metabolism in men. *J Nutr Sci Vitaminol (Tokyo)* 1995;41:647-656.
19. Yoshioka M, St-Pierre S, Suzuki M, Tremblay A. Effects of red pepper added to high-fat and high-carbohydrate meals on energy metabolism and substrate utilization in Japanese women. *Br J Nutr* 1998;80:503-510.
20. Cruz L, Castaneda-Hernandez G, Navarrete A. Ingestion of chilli pepper (*Capsicum annuum*) reduces salicylate bioavailability after oral aspirin administration in the rat. *Can J Physiol Pharmacol* 1999;77:441-446.
21. Tanaka E, Terada M, Misawa S. Cytochrome P450 2E1: its clinical and toxicological role. *J Clin Pharm Ther* 2000;25:165-175.
22. Surh YJ, Ahn SH, Kim KC et al. Metabolism of capsaicinoids: evidence for aliphatic hydroxylation and its pharmacological implications. *Life Sci* 1995;56:PL305-311.
23. Zhou S, Koh HL, Gao Y et al. Herbal bioactivation: the good, the bad and the ugly. *Life Sci* 2004;74:935-968.
24. Surh YJ, Lee SS. Capsaicin, a double-edged sword: toxicity, metabolism, and chemopreventive potential. *Life Sci* 1995;56:1845-1855.
25. El Hamss R, Idaomar M, Alonso-Moraga A, Munoz Serrano A. Antimutagenic properties of bell and black peppers. *Food Chem Toxicol* 2003;41:41-47.
26. Kang HJ, Soh Y, Kim MS et al. Roles of JNK-1 and p38 in selective induction of apoptosis by capsaicin in ras-transformed human breast epithelial cells. *Int J Cancer* 2003;103:475-482.
27. Surh YJ, Han SS, Keum YS et al. Inhibitory effects of curcumin and capsaicin on phorbol ester–induced activation of eukaryotic transcription factors, NF- κ B and AP-1. *Biofactors* 2000;12:107-112.
28. Han SS, Keum YS, Chun KS, Surh YJ. Suppression of phorbol ester–induced NF- κ B activation by capsaicin in cultured human promyelocytic leukemia cells. *Arch Pharm Res* 2002;25:475-479.
29. Zhang Z, Hamilton SM, Stewart C et al. Inhibition of liver microsomal cytochrome P450 activity and metabolism of the tobacco-specific nitrosamine NNK by capsaicin and ellagic acid. *Anticancer Res* 1993;13:2341-2346.

Citations and Reference Literature: Cayenne

30. Gannett PM, Iversen P, Lawson T. The mechanism of inhibition of cytochrome P450IIE1 by dihydrocapsaicin. *Bioorg Chem* 1990;18:185-198.
31. Sambaiah K, Srinivasan K. Influence of spices and spice principles on hepatic mixed function oxygenase system in rats. *Indian J Biochem Biophys* 1989;26:254-258.
32. Miller MS, Brendel K, Burks TF, Sipes IG. Interaction of capsaicinoids with drug-metabolizing systems: relationship to toxicity. *Biochem Pharmacol* 1983;32:547-551.
33. Miller CH, Zhang Z, Hamilton SM, Teel RW. Effects of capsaicin on liver microsomal metabolism of the tobacco-specific nitrosamine NNK. *Cancer Lett* 1993;75:45-52.
34. Reilly CA, Ehlhardt WJ, Jackson DA et al. Metabolism of capsaicin by cytochrome P450 produces novel dehydrogenated metabolites and decreases cytotoxicity to lung and liver cells. *Chem Res Toxicol* 2003;16:336-349.
35. Jancso-Gabor A. Anaesthesia-like condition and/or potentiation of hexobarbital sleep produced by pungent agents in normal and capsaicin-desensitized rats. *Acta Physiol Acad Sci Hung* 1980;55:57-62.
36. Nabekura T, Kamiyama S, Kitagawa S. Effects of dietary chemopreventive phytochemicals on P-glycoprotein function. *Biochem Biophys Res Commun* 2005;327:866-870.
37. Abdel Salam OM, Mozsik G, Szolcsanyi J. Studies on the effect of intragastric capsaicin on gastric ulcer and on the prostacyclin-induced cytoprotection in rats. *Pharmacol Res* 1995;32:209-215.
38. Lippe IT, Pabst MA, Holzer P. Intragastric capsaicin enhances rat gastric acid elimination and mucosal blood flow by afferent nerve stimulation. *Br J Pharmacol* 1989;96:91-100.
39. Myers BM, Smith JL, Graham DY. Effect of red pepper and black pepper on the stomach. *Am J Gastroenterol* 1987;82:211-214.
40. Yeoh KG, Kang JY, Yap I et al. Chili protects against aspirin-induced gastroduodenal mucosal injury in humans. *Dig Dis Sci* 1995;40:580-583.
41. Kang JY, Yeoh KG, Chia HP et al. Chili—protective factor against peptic ulcer? *Dig Dis Sci* 1995;40:576-579.
42. Mozsik G, Szolcsanyi J, Racz I. Gastroprotection induced by capsaicin in healthy human subjects. *World J Gastroenterol* 2005;11:5180-5184.
43. Ellison N, Loprinzi CL, Kugler J et al. Phase III placebo-controlled trial of capsaicin cream in the management of surgical neuropathic pain in cancer patients. *J Clin Oncol* 1997;15:2974-2980.
44. Millqvist E. Cough provocation with capsaicin is an objective way to test sensory hyperreactivity in patients with asthma-like symptoms. *Allergy* 2000;55:546-550.
45. Huang HC, Chu SH, Chao PD. Vasorelaxants from Chinese herbs, emodin and scoparone, possess immunosuppressive properties. *Eur J Pharmacol* 1991;198:211-213.
46. Morice AH, Geppetti P. Cough. 5. The type 1 vanilloid receptor: a sensory receptor for cough. *Thorax* 2004;59:257-258.
47. Deep V, Singh M, Ravi K. Role of vagal afferents in the reflex effects of capsaicin and lobeline in monkeys. *Respir Physiol* 2001;125:155-168.
48. Millqvist E, Lowhagen O, Bende M. Quality of life and capsaicin sensitivity in patients with sensory airway hyperreactivity. *Allergy* 2000;55:540-545.
49. Fox AJ, Laloo UG, Belvisi MG et al. Bradykinin-evoked sensitization of airway sensory nerves: a mechanism for ACE-inhibitor cough. *Nat Med* 1996;2:814-817.
50. Yeo WW, Higgins KS, Foster G et al. Effect of dose adjustment on enalapril-induced cough and the response to inhaled capsaicin. *Br J Clin Pharmacol* 1995;39:271-276.
51. Yeo WW, Chadwick IG, Kraskiewicz M et al. Resolution of ACE inhibitor cough: changes in subjective cough and responses to inhaled capsaicin, intradermal bradykinin and substance-P. *Br J Clin Pharmacol* 1995;40:423-429.
52. Hakas JF Jr. Topical capsaicin induces cough in patient receiving ACE inhibitor. *Ann Allergy* 1990;65:322-323.
53. Fusco BM, Giacobozzo M. Peppers and pain: the promise of capsaicin. *Drugs* 1997;53:909-914.
54. McCarthy GM, McCarty DJ. Effect of topical capsaicin in the therapy of painful osteoarthritis of the hands. *J Rheumatol* 1992;19:604-607.
55. Rains C, Bryson HM. Topical capsaicin: a review of its pharmacological properties and therapeutic potential in post-herpetic neuralgia, diabetic neuropathy and osteoarthritis. *Drugs Aging* 1995;7:317-328.
56. Lynn B. Capsaicin: actions on nociceptive C-fibres and therapeutic potential. *Pain* 1990;41:61-69.
57. Pini A, Baranowski R, Lynn B. Long-term reduction in the number of C-fibre nociceptors following capsaicin treatment of a cutaneous nerve in adult rats. *Eur J Neurosci* 1990;2:89-97.
58. Hautkappe M, Roizen MF, Toledano A et al. Review of the effectiveness of capsaicin for painful cutaneous disorders and neural dysfunction. *Clin J Pain* 1998;14:97-106.

Citations and Reference Literature: Cayenne

59. Deal CL, Schnitzer TJ, Lipstein E et al. Treatment of arthritis with topical capsaicin: a double-blind trial. *Clin Ther* 1991;13:383-395.
60. Mills S, Bone K. *Principles and Practice of Phytotherapy*. Edinburgh: Churchill Livingstone; 2000.
61. Tsuchiya H. Biphasic membrane effects of capsaicin, an active component in *Capsicum* species. *J Ethnopharmacol* 2001;75:295-299.
62. Hogaboam CM, Wallace JL. Inhibition of platelet aggregation by capsaicin: an effect unrelated to actions on sensory afferent neurons. *Eur J Pharmacol* 1991;202:129-131.
63. Lippe IT, Sametz W, Sabin K, Holzer P. Inhibitory role of capsaicin-sensitive afferent neurons and nitric oxide in hemostasis. *Am J Physiol* 1993;265:H1864-1868.
64. Wang JP, Hsu MF, Teng CM. Antiplatelet effect of capsaicin. *Thromb Res* 1984;36:497-507.
65. Choi SY, Ha H, Kim KT. Capsaicin inhibits platelet-activating factor-induced cytosolic Ca^{2+} rise and superoxide production. *J Immunol* 2000;165:3992-3998.
66. Wang JP, Hsu MF, Hsu TP, Teng CM. Antihemostatic and antithrombotic effects of capsaicin in comparison with aspirin and indomethacin. *Thromb Res* 1985;37:669-679.
67. Visudhiphan S, Poolsuppasit S, Piboonnukarintr O, Tumliang S. The relationship between high fibrinolytic activity and daily capsicum ingestion in Thais. *Am J Clin Nutr* 1982;35:1452-1458.
68. Christopher JR. *School of Natural Healing*. Provo, UT: BiWorld Publishers Inc; 1976.
69. Felter H, Lloyd J. *Capsicum*. King's American Dispensatory. 1 vol. 1898 Reprint ed. Sandy, OR: Eclectic Medical Publications; Reprint 1983; 1898:434-437.
70. Shimeda Y, Hirotsani Y, Akimoto Y et al. Protective effects of capsaicin against cisplatin-induced nephrotoxicity in rats. *Biol Pharm Bull* 2005;28:1635-1638.
71. Newell C, Anderson L, Phillipson J. *Capsicum*. *Herbal Medicines*. London: Pharmaceutical Press; 1996:170-172.
72. Bouraoui A, Brazier JL, Zouaghi H, Rousseau M. Theophylline pharmacokinetics and metabolism in rabbits following single and repeated administration of *Capsicum* fruit. *Eur J Drug Metab Pharmacokinet* 1995;20:173-178.
73. Bouraoui A, Toumi A, Ben Mustapha H, Brazier JL. Effects of capsicum fruit on theophylline absorption and bioavailability in rabbits. *Drug Nutr Interact* 1988;5:345-350.
74. Rasmussen BB, Jeppesen U, Gaist D, Broesen K. Griseofulvin and fluvoxamine interactions with the metabolism of theophylline. *Ther Drug Monit* 1997;19:56-62.