

[Skip to main content](#)

Cornell University

[New](#) [Program](#) [Learning](#) [Resources](#) [Events](#) [Maps](#) & [Stats](#) [Research](#) [Resources](#) [BCERF](#) [Research](#)**SPRECHER
INSTITUTE**
for Comparative
Cancer Research

Herbal Medicines and Breast Cancer Risk Bibliography

This bibliography is provided as a service to our readers. It is compiled from the entries in the BCERF [Environmental Risk Factors Bibliographic Database](#).

Review and Commentary

(1998). Essiac for cancer? Treatmentupdate 10, 4-5.

(2000). Black Cohosh: The Woman's Herb? In Harvard Women's Health Watch, 7, 6.

(2003). Most alternative therapies not so hot for hot flashes. In Harvard Women's Health Watch, 10, 3.

Abebe, W. (2002). Herbal medication: potential for adverse interactions with analgesic drugs. Journal of Clinical Pharmacy and Therapeutics 27, 391-401.

Abourashed, E. A., El-Alfy, A. T., Khan, I. A., and Walker, L. (2003). Ephedra in perspective--a current review. Phytotherapy Research 17, 703-712.

Adlercreutz, H. (2002). Phytoestrogens and breast cancer. Journal of Steroid Biochemistry and Molecular Biology 83, 113-118.

Arab, L. (2000). Epidemiologic challenges in the study of the efficacy and safety of medicinal herbs. Public Health Nutr 3, 453-457.

Baber, N. (2003). Complementary medicines, clinical pharmacology and therapeutics. British Journal of Clinical Pharmacology 55, 225.

Barnes, J., Phillipson, J. D., Anderson, L. A., and Newall, C. A. (2002a). Herbal Medicines: A Guide for Health Care Professionals, 1st edn, Pharmaceutical Press).

Barnes, J., Phillipson, J. D., Anderson, L. A., and Newall, C. A. (2002b). Potential drug-herb interactions. In *Herbal Medicines: A guide for healthcare professionals* (Pharmaceutical Press), pp. 497-501.

Barnes, J. (2003a). Quality, efficacy and safety of complementary medicines: fashions, facts and the future. Part II: Efficacy and safety. British Journal of Clinical Pharmacology 55, 331-340.

Barnes, S. (2003b). Phyto-oestrogens and osteoporosis: what is a safe dose? British Journal of Nutrition 89, S101-108.

Bendich, A. (2000). The potential for dietary supplements to reduce premenstrual syndrome (PMS) symptoms. Journal of the American College of Nutrition 19, 3-12.

Berger, L. (2003). Herbs for Hot Flashes: New Attention, Mixed Results. In New York Times (NY).

Blumenthal, M., Busse, W. R., Goldberg, A., Gruenwald, J., Hall, T., Riggins, C. W., and Rister, R. S. (1998). *The Complete German Commission E Monographs: Therapeutic Guide to Herbal Medicines*, 1st edn (USA, American Botanical Council).

Blumenthal, M., Goldberg, A., and Brinckmann, J. (2000). *Herbal Medicine - Expanded Commission E Monographs*, 1st edn (USA, Integrative Botanical Council).

- Briggs, D. R. (2002). The regulation of herbal medicines in Australia. *Toxicology* 181-182, 565-570.
- Cartwright, M. (2001). Herbal use during pregnancy and lactation. The Digest, American Dietetic Association, Summer 1-5.
- Cassidy, A. (2003). Potential risks and benefits of phytoestrogen-rich diets. *International Journal for Vitamin and Nutrition Research* 73, 120-126.
- CDC (2002). Hepatic Toxicity Possibly Associated with Kava-Containing Products -- United States, Germany, and Switzerland, 1999-2002.
- Chang, J. (2000). Medicinal herbs: drugs or dietary supplements? *Biochemical Pharmacology* 59, 211-219.
- Choi, S. W. (1999). Vitamin B12 deficiency: a new risk factor for breast cancer? *Nutrition Reviews* 57, 250-253.
- Conaway, C. C., Yang, Y. M., and Chung, F. L. (2002). Isothiocyanates as cancer chemopreventive agents: their biological activities and metabolism in rodents and humans. *Curr Drug Metab* 3, 233-255.
- Council, N. R. (2004). *Dietary Supplements: A Framework for Evaluating Safety* (Washington, DC, The National Academies Press).
- Currie, B. J., and Clough, A. R. (2003). Kava hepatotoxicity with Western herbal products: does it occur with traditional kava use? *Medical Journal of Australia* 178, 421-422.
- De Smet, P. A. (2002). Herbal remedies. *New England Journal of Medicine* 347, 2046-2056.
- De Smet, P. A. G. M. (1991). Toxicological outlook on the quality assurance of herbal remedies. In *Adverse Effects of Herbal Drugs*, P. A. G. M. De Smet, K. Keller, R. Hansel, and R. F. Schandler, eds. (Berlin, Springer-Verlag), pp. 1-72.
- FDA (2002). Kava-containing dietary supplements may be associated with severe liver injury.
- Fugh-Berman, A., and Ernst, E. (2001). Herb-drug interactions: review and assessment of report reliability. *British Journal of Clinical Pharmacology* 52, 587-595.
- Fugh-Berman, A., and Kronenberg, F. (2001). Red clover (*Trifolium pratense*) for menopausal women: current state of knowledge. *Menopause* 8, 333-337.
- Fugh-Berman, A. (2003). "Bust enhancing" herbal products. *Obstetrics and Gynecology* 101, 1345-1349.
- Fugh-Berman, A., and Kronenberg, F. (2003). Complementary and alternative medicine (CAM) in reproductive-age women: a review of randomized controlled trials. *Reproductive Toxicology* 17, 137-152.
- Gardiner, P. (2000). Chasteberry (*Vitex agnus castus*) (Longwood Herbal Task Force (<http://www.mcp.edu/herbal/vitex/vitex.pdf>)), pp. 1-14.
- Goldman, P. (2001). Herbal medicines today and the roots of modern pharmacology. *Annals of Internal Medicine* 135, 594-600.
- Greenwald, P., Milner, J. A., Anderson, D. E., and McDonald, S. S. (2002). Micronutrients in cancer chemoprevention. *Cancer and Metastasis Reviews* 21, 217-230.
- Halliwell, B. (2000). The antioxidant paradox. *Lancet* 355, 1179-1180.
- Hardy, M. L. (2000). Herbs of special interest to women. *Journal of the American Pharmaceutical Association* 40, 234-242; quiz 327-329.
- Harrison, P. (1998). Herbal medicine takes root in Germany. *CMAJ* 158, 637-639.
- Horner, N. K., and Lampe, J. W. (2000). Potential mechanisms of diet therapy for fibrocystic breast conditions show inadequate evidence of effectiveness. *Journal of the American Dietetic Association* 100, 1368-1380.
- Hosein, S. (1998). Essiac for cancer? *Treatmentupdate* 10, 4-5.
- Humfrey, C. D. (1998). Phytoestrogens and human health effects: weighing up the current evidence. *Natural Toxins* 6, 51-59.
- Hunter, C. P. (2000). Epidemiology, stage at diagnosis, and tumor biology of breast carcinoma in multiracial and multiethnic populations. *Cancer* 88, 1193-1202.
- Jeri, A. R. (2002). The use of an isoflavone supplement to relieve hot flushes. *Female Patient* 27, 35-37.

- Johanning, G. L., Heimburger, D. C., and Piyathilake, C. J. (2002). DNA methylation and diet in cancer. *Journal of Nutrition* 132, 3814S-3818S.
- Kang, H. J., Ansbacher, R., and Hammoud, M. M. (2002). Use of alternative and complementary medicine in menopause. *International Journal of Gynaecology and Obstetrics* 79, 195-207.
- Kaptchuk, T. J. (2002). The placebo effect in alternative medicine: can the performance of a healing ritual have clinical significance? *Annals of Internal Medicine* 136, 817-825.
- Kaufman, D. W., Kelly, J. P., Rosenberg, L., Anderson, T. E., and Mitchell, A. A. (2002). Recent patterns of medication use in the ambulatory adult population of the United States: the Sloane survey. *JAMA* 287, 337-344.
- Kelloff, G. J., Crowell, J. A., Steele, V. E., Lubet, R. A., Malone, W. A., Boone, C. W., Kopelovich, L., Hawk, E. T., Lieberman, R., Lawrence, J. A., et al. (2000). Progress in cancer chemoprevention: development of diet-derived chemopreventive agents. *Journal of Nutrition* 130, 467S-471S.
- Kenner, D., and Requena, Y. (1996). *Botanical Medicine: A European Professional Perspective*, 1st edn (Brookline, MA, Paradigm Publications).
- Kessler, D. A. (2000). Cancer and herbs. *New England Journal of Medicine* 342, 1742-1743.
- Khan, H. N., and Blamey, R. W. (2003). Endocrine treatment of physiological gynaecomastia. *BMJ* 327, 301-302.
- Kiely, M., Faughnan, M., Wahala, K., Brants, H., and Mulligan, A. (2003). Phyto-oestrogen levels in foods: the design and construction of the VENUS database. *British Journal of Nutrition* 89, S19-23.
- Klepser, T. B., and Klepser, M. E. (1999). Unsafe and potentially safe herbal therapies. *American Journal of Health-System Pharmacy* 56, 125-138; quiz 139-141.
- Krishnan, K., Campbell, S., Abdel-Rahman, F., Whaley, S., and Stone, W. L. (2003). Cancer chemoprevention drug targets. *Curr Drug Targets* 4, 45-54.
- Kronenberg, F., and Fugh-Berman, A. (2002). Complementary and alternative medicine for menopausal symptoms: a review of randomized, controlled trials. *Annals of Internal Medicine* 137, 805-813.
- Kushi, L., and Giovannucci, E. (2002). Dietary fat and cancer. *American Journal of Medicine* 113, 63S-70S.
- Larsen, T. M., Toumbro, S., and Astrup, A. (2003). Efficacy and safety of dietary supplements containing conjugated linoleic acid (CLA) for the treatment of obesity-evidence from animal and human studies. *Journal of Lipid Research* 44, 16.
- Lipkin, M., and Newmark, H. L. (1999). Vitamin D, calcium and prevention of breast cancer: a review. *Journal of the American College of Nutrition* 18, 392S-397S.
- Lippman, S. M., and Lotan, R. (2000). Advances in the development of retinoids as chemopreventive agents. *Journal of Nutrition* 130, 479S-482S.
- Loprinzi, C. L., Barton, D. L., and Rhodes, D. (2001). Management of hot flashes in breast-cancer survivors. *Lancet Oncol* 2, 199-204.
- Lord, G. M., Tagore, R., Cook, T., Gower, P., and Pusey, C. D. (1999). Nephropathy caused by Chinese herbs in the UK. *Lancet* 354, 481-482.
- Mahady, G. B., Fabricant, D., Chadwick, L. R., and Dietz, B. (2002). Black cohosh: an alternative therapy for menopause? *Nutrition and Clinical Care* 5, 283-289.
- Mahady, G. B. (2003). Is black cohosh estrogenic? *Nutrition Reviews* 61, 183-186.
- Mantle, D., Lennard, T. W., and Pickering, A. T. (2000). Therapeutic applications of medicinal plants in the treatment of breast cancer: a review of their pharmacology, efficacy and tolerability. *Adverse Drug Reactions and Toxicological Reviews* 19, 223-240.
- Marasco, L. (2003). Clinical Application for Insufficient Milk Supply, pp. 1-4.
- Marcus, D. M., and Grollman, A. P. (2002). Botanical medicines--the need for new regulations. *New England Journal of Medicine* 347, 2073-2076.
- Martin, K. J., Jordan, T. R., Vassar, A. D., and White, D. B. (2002). Herbal and nonherbal alternative medicine use in Northwest Ohio. *Annals of Pharmacotherapy* 36, 1862-1869.
- Mason, R. (2001). Alternative and Complementary Resources on Breast Cancer. *Alternative & Complementary Therapies* 7,

55-56.

- Matthews, H. B., Lucier, G. W., and Fisher, K. D. (1999). Medicinal herbs in the United States: research needs. *Environmental Health Perspectives* 107, 773-778.
- Miller, L. G., and Murray, W. J. (1998). *Herbal Medicinals: A Clinician's Guide*, 1st edn (Binghamton, NY, Pharmaceuticals Products Press).
- Moulds, R. F., and Malani, J. (2003). Kava: herbal panacea or liver poison? *Medical Journal of Australia* 178, 451-453.
- Moyad, M. A. (2002). Complementary/alternative therapies for reducing hot flashes in prostate cancer patients: reevaluating the existing indirect data from studies of breast cancer and postmenopausal women. *Urology* 59, 20-33.
- Munoz, S. E., Piegari, M., Guzman, C. A., and Eynard, A. R. (1999). Differential effects of dietary Oenothera, Zizyphus mistol, and corn oils, and essential fatty acid deficiency on the progression of a murine mammary gland adenocarcinoma. *Nutrition* 15, 208-212.
- Nathanson, K. L., Wooster, R., Weber, B. L., and Nathanson, K. N. (2001). Breast cancer genetics: what we know and what we need. *Nature Medicine* 7, 552-556.
- Neuhouser, M. L. (2003). Dietary supplement use by American women: challenges in assessing patterns of use, motives and costs. *Journal of Nutrition* 133, 1992S-1996S.
- Newman, L. A., Mason, J., Cote, D., Vin, Y., Carolin, K., Bouwman, D., and Colditz, G. A. (2002). African-American ethnicity, socioeconomic status, and breast cancer survival: a meta-analysis of 14 studies involving over 10,000 African-American and 40,000 White American patients with carcinoma of the breast. *Cancer* 94, 2844-2854.
- Nortier, J. L., and Vanherweghem, J. L. (2002). Renal interstitial fibrosis and urothelial carcinoma associated with the use of a Chinese herb (*Aristolochia fangchi*). *Toxicology* 181-182, 577-580.
- Philp, H. A. (2003). Hot flashes - a review of the literature on alternative and complementary treatment approaches. *Alternative Medicine Review* 8, 284-302.
- Richter, R. K. (2003). *Herbal Medicine: Chaos in the Marketplace* (New York, The Haworth Herbal Press).
- Roemheld-Hamm, B., and Dahl, N. V. (2002). Herbs, menopause, and dialysis. *Seminars in Dialysis* 15, 53-59.
- Rose, R. C. (1998). Vitamin supplementation and breast cancer: is homeostasis a factor? *Medical Hypotheses* 51, 239-242.
- Ruffin, M. T. t., and Rock, C. L. (2001). Do antioxidants still have a role in the prevention of human cancer? *Current Oncology Reports* 3, 306-313.
- Schaffer, D. M., Gordon, N. P., Jensen, C. D., and Avins, A. L. (2003). Nonvitamin, nonmineral supplement use over a 12-month period by adult members of a large health maintenance organization. *Journal of the American Dietetic Association* 103, 1500-1505.
- Schulz, V., Rudolf, H., and Tyler, V. E. (1997a). *Medicinal Plants, Phytomedicines, and Phytotherapy*. In *Rational Phytotherapy: A Physicians' Guide to Herbal Medicine* (Springer-Verlag New York, Incorporated), pp. 1-39.
- Schulz, V., Rudolf, H., and Tyler, V. E. (1997b). *Rational Phytotherapy: A Physicians' Guide to Herbal Medicine*, 3rd edn, Springer-Verlag New York, Incorporated.
- Shanafelt, T. D., Barton, D. L., Adjei, A. A., and Loprinzi, C. L. (2002). Pathophysiology and treatment of hot flashes. *Mayo Clinic Proceedings* 77, 1207-1218.
- Sheehan, D. M. (1998). Herbal medicines, phytoestrogens and toxicity: risk:benefit considerations. *Proceedings of the Society for Experimental Biology and Medicine* 217, 379-385.
- Silano, M., De Vincenzi, M., De Vincenzi, A., and Silano, V. (2004). The new European legislation on traditional herbal medicines: main features and perspectives. *Fitoterapia* 75, 107-116.
- Singh, R. H. (2002). An assessment of the ayurvedic concept of cancer and a new paradigm of anticancer treatment in Ayurveda. *Journal of Alternative and Complementary Medicine* 8, 609-614.
- Snowden, H. M., Renfrew, M. J., and Woolridge, M. W. (2001). Treatments for breast engorgement during lactation. *Cochrane Database Syst Rev*, CD000046.
- Steinhoff, B. (2003). Traditional herbal medicinal products: an update. *Phytomedicine* 10, 624.
- Stephenson, J. (2003). FDA orders estrogen safety warnings: agency offers guidance for HRT use. *JAMA* 289, 537-538.

- Stoll, B. A. (1998). Essential fatty acids, insulin resistance, and breast cancer risk. *Nutrition and Cancer* 31, 72-77.
- Straus, S. E. (2002). Herbal medicines--what's in the bottle? *New England Journal of Medicine* 347, 1997-1998.
- Tagliaferri, M., Cohen, I., and Tripathy, D. (2001). Complementary and alternative medicine in early-stage breast cancer. *Seminars in Oncology* 28, 121-134.
- Talalay, P. (2001). The importance of using scientific principles in the development of medicinal agents from plants. *Academic Medicine* 76, 238-247.
- Temple, N. J., and Kaiser Gladwin, K. (2003). Fruit, vegetables, and the prevention of cancer. Research challenges. *Nutrition* 19, 467-470.
- Tesch, B. J. (2002). Herbs commonly used by women: an evidence-based review. *Disease-a-Month* 48, 671-696.
- Toniolo, P., Van Kappel, A. L., Akhmedkhanov, A., Ferrari, P., Kato, I., Shore, R. E., and Riboli, E. (2001). Serum carotenoids and breast cancer. *American Journal of Epidemiology* 153, 1142-1147.
- Trock, B. J. (1996). Breast cancer in African American women: epidemiology and tumor biology. *Breast Cancer Research and Treatment* 40, 11-24.
- Tulchinsky, T., and Varavikova, E. (2000). *The New Public Health: An Introduction for the 21st Century*, 1st edn (San Diego, CA London, UK, Academic Press).
- Tyler, V. E. (2000). Herbal medicine: from the past to the future. *Public Health Nutr* 3, 447-452.
- Wade, C., Kronenberg, F., Kelly, A., and Murphy, P. A. (1999). Hormone-modulating herbs: implications for women's health. *J Am Med Womens Assoc* 54, 181-183.
- Wagner, H. (1999). Phytomedicine research in Germany. *Environmental Health Perspectives* 107, 779-781.
- Walsh, N. (2003). Kava banned in the U.K. due to hepatotoxicity (OB/GYN News).
- Wang, Z. Y., and Nixon, D. W. (2001). Licorice and cancer. *Nutrition and Cancer* 39, 1-11.
- Wargovich, M. J., Woods, C., Hollis, D. M., and Zander, M. E. (2001). Herbals, cancer prevention and health. *Journal of Nutrition* 131, 3034S-3036S.
- Weiger, W. A., Smith, M., Boon, H., Richardson, M. A., Kaptchuk, T. J., and Eisenberg, D. M. (2002). Advising patients who seek complementary and alternative medical therapies for cancer. *Annals of Internal Medicine* 137, 889-903.
- Weiss, R. F. (1991). *Herbal Medicine*, 6th edn (Stuttgart, Germany, Hippokrates Verlag).
- Whiting, P. W., Clouston, A., and Kerlin, P. (2002). Black cohosh and other herbal remedies associated with acute hepatitis. *Medical Journal of Australia* 177, 440-443.
- Whitton, P. A., Lau, A., Salisbury, A., Whitehouse, J., and Evans, C. S. (2003). Kava lactones and the kava-kava controversy. *Phytochemistry* 64, 673-679.
- Willett, W. (2003). Lessons from dietary studies in Adventists and questions for the future. *American Journal of Clinical Nutrition* 78, 539S-543S.
- Willhite, L. A., and O'Connell, M. B. (2001). Urogenital atrophy: prevention and treatment. *Pharmacotherapy* 21, 464-480.
- Williamson, E. M. (2001). Synergy and other interactions in phytomedicines. *Phytomedicine* 8, 401-409.
- Woolf, A. D. (2003). Herbal remedies and children: do they work? Are they harmful? *Pediatrics* 112, 240-246.
- Wuttke, W., Jarry, H., Westphalen, S., Christoffel, V., and Seidlova-Wuttke, D. (2002). Phytoestrogens for hormone replacement therapy? *Journal of Steroid Biochemistry and Molecular Biology* 83, 133-147.
- Zhou, S., Koh, H. L., Gao, Y., Gong, Z. Y., and Lee, E. J. (2004). Herbal bioactivation: the good, the bad and the ugly. *Life Sciences* 74, 935-968.

Epidemiological Studies

- Albertazzi, P., Pansini, F., Bonaccorsi, G., Zanotti, L., Forini, E., and De Aloysio, D. (1998). The effect of dietary soy supplementation on hot flushes. *Obstetrics and Gynecology* 91, 6-11.
- Atmaca, M., Kumru, S., and Tezcan, E. (2003). Fluoxetine versus Vitex agnus castus extract in the treatment of

premenstrual dysphoric disorder. *Hum Psychopharmacol* 18, 191-195.

Augustin, L. S., Dal Maso, L., La Vecchia, C., Parpinel, M., Negri, E., Vaccarella, S., Kendall, C. W., Jenkins, D. J., and Francesch, S. (2001). Dietary glycemic index and glycemic load, and breast cancer risk: a case-control study. *Annals of Oncology* 12, 1533-1538.

Baber, R. J., Templeman, C., Morton, T., Kelly, G. E., and West, L. (1999). Randomized placebo-controlled trial of an isoflavone supplement and menopausal symptoms in women. *Climacteric* 2, 85-92.

Baird, D. D., Umbach, D. M., Lansdell, L., Hughes, C. L., Setchell, K. D., Weinberg, C. R., Haney, A. F., Wilcox, A. J., and McLachlan, J. A. (1995). Dietary intervention study to assess estrogenicity of dietary soy among postmenopausal women. *Journal of Clinical Endocrinology and Metabolism* 80, 1685-1690.

Balk, J. L., Whiteside, D. A., Naus, G., DeFerrari, E., and Roberts, J. M. (2002). A pilot study of the effects of phytoestrogen supplementation on postmenopausal endometrium. *Journal of the Society for Gynecologic Investigation* 9, 238-242.

Barton, D. L., Loprinzi, C. L., Quella, S. K., Sloan, J. A., Veeder, M. H., Egner, J. R., Fidler, P., Stella, P. J., Swan, D. K., Vaught, N. L., and Novotny, P. (1998). Prospective evaluation of vitamin E for hot flashes in breast cancer survivors. *Journal of Clinical Oncology* 16, 495-500.

Bent, S., Tiedt, T. N., Odden, M. C., and Shlipak, M. G. (2003a). The relative safety of ephedra compared with other herbal products. *Annals Internal Medicine* 138, 468-471.

Bent, S., Tiedt, T. N., Odden, M. C., and Shlipak, M. G. (2003b). The relative safety of ephedra compared with other herbal products. *Annals of Internal Medicine* 138, 468-471.

Berger, D., Schaffner, W., Schrader, E., Meier, B., Brattstrom, A., and . (2000). Efficacy of Vitex agnus castus L. extract Ze 440 in patients with pre-menstrual syndrome (PMS). *Archives of Gynecology and Obstetrics* 264, 150-153.

Budeiri, D., Li Wan Po, A., and Dornan, J. C. (1996). Is evening primrose oil of value in the treatment of premenstrual syndrome? *Controlled Clinical Trials* 17, 60-68.

Burke, G. L., Legault, C., Anthony, M., Bland, D. R., Morgan, T. M., Naughton, M. J., Leggett, K., Washburn, S. A., and Vitolins, M. Z. (2003). Soy protein and isoflavone effects on vasomotor symptoms in peri- and postmenopausal women: the Soy Estrogen Alternative Study. *Menopause* 10, 147-153.

Cagnacci, A., Arangino, S., Renzi, A., Zanni, A. L., Malmusi, S., and Volpe, A. (2003). Kava-Kava administration reduces anxiety in perimenopausal women. *Maturitas* 44, 103-109.

Chenoy, R., Hussain, S., Tayob, Y., O'Brien, P. M., Moss, M. Y., and Morse, P. F. (1994). Effect of oral gamolenic acid from evening primrose oil on menopausal flushing. *BMJ* 308, 501-503.

Collins, A., Cerin, A., Coleman, G., and Landgren, B. M. (1993). Essential fatty acids in the treatment of premenstrual syndrome. *Obstetrics and Gynecology* 81, 93-98.

Dalais, F. S., Rice, G. E., Wahlqvist, M. L., Grehan, M., Murkies, A. L., Medley, G., Ayton, R., and Strauss, B. J. (1998). Effects of dietary phytoestrogens in postmenopausal women. *Climacteric* 1, 124-129.

Davis, S. R., Briganti, E. M., Chen, R. Q., Dalais, F. S., Bailey, M., and Burger, H. G. (2001). The effects of Chinese medicinal herbs on postmenopausal vasomotor symptoms of Australian women. A randomised controlled trial. *Medical Journal of Australia* 174, 68-71.

De Leo, V., la Marca, A., Morgante, G., Lanzetta, D., Florio, P., and Petraglia, F. (2001). Evaluation of combining kava extract with hormone replacement therapy in the treatment of postmenopausal anxiety. *Maturitas* 39, 185-188.

Ernst, E. (2002). The risk-benefit profile of commonly used herbal therapies: Ginkgo, St. John's Wort, Ginseng, Echinacea, Saw Palmetto, and Kava. *Annals of Internal Medicine* 136, 42-53.

Faure, E. D., Chantre, P., and Mares, P. (2002). Effects of a standardized soy extract on hot flushes: a multicenter, double-blind, randomized, placebo-controlled study. *Menopause* 9, 329-334.

Forshee, R. A., Storey, M. L., and Ritenbaugh, C. (2003). Breast cancer risk and lifestyle differences among premenopausal and postmenopausal African-American women and white women. *Cancer* 97, 280-288.

Frazier, A. L., Ryan, C. T., Rockett, H., Willett, W. C., and Colditz, G. A. (2003). Adolescent diet and risk of breast cancer. *Breast Cancer Res* 5, R59-64.

Gandini, S., Merzenich, H., Robertson, C., and Boyle, P. (2000). Meta-analysis of studies on breast cancer risk and diet:

the role of fruit and vegetable consumption and the intake of associated micronutrients. *European Journal of Cancer* 36, 636-646.

Ghadirian, P., Maisonneuve, P., Perret, C., Kennedy, G., Boyle, P., Krewski, D., and Lacroix, A. (2000). A case-control study of toenail selenium and cancer of the breast, colon, and prostate. *Cancer Detection and Prevention* 24, 305-313.

Girman, A., Lee, R., and Kligler, B. (2003). An integrative medicine approach to premenstrual syndrome. *American Journal of Obstetrics and Gynecology* 188, S56-65.

Halaska, M., Raus, K., Beles, P., Martan, A., and Paithner, K. G. (1998). [Treatment of cyclical mastodynia using an extract of Vitex agnus castus: results of a double-blind comparison with a placebo]. *Ceska Gynekologie* 63, 388-392.

Hale, G. E., Hughes, C. L., Robboy, S. J., Agarwal, S. K., and Bievre, M. (2001). A double-blind randomized study on the effects of red clover isoflavones on the endometrium. *Menopause* 8, 338-346.

Han, K. K., Soares, J. M., Jr., Haidar, M. A., de Lima, G. R., and Baracat, E. C. (2002). Benefits of soy isoflavone therapeutic regimen on menopausal symptoms. *Obstetrics and Gynecology* 99, 389-394.

Hargreaves, D. F., Potten, C. S., Harding, C., Shaw, L. E., Morton, M. S., Roberts, S. A., Howell, A., and Bundred, N. J. (1999). Two-week dietary soy supplementation has an estrogenic effect on normal premenopausal breast. *J Clinical Endocrinol Metab* 84, 4017-4024.

Hernandez Munoz, G., and Pluchino, S. (2003). Cimicifuga racemosa for the treatment of hot flushes in women surviving breast cancer. *Maturitas* 44, S59-65.

Hirata, J. D., Swiersz, L. M., Zell, B., Small, R., and Ettinger, B. (1997). Does dong quai have estrogenic effects in postmenopausal women? A double-blind, placebo-controlled trial. *Fertility and Sterility* 68, 981-986.

Hirose, K., Takezaki, T., Hamajima, N., Miura, S., and Tajima, K. (2003). Dietary factors protective against breast cancer in Japanese premenopausal and postmenopausal women. *International Journal of Cancer* 107, 276-282.

Hulten, K., Van Kappel, A. L., Winkvist, A., Kaaks, R., Hallmans, G., Lenner, P., and Riboli, E. (2001). Carotenoids, alpha-tocopherols, and retinol in plasma and breast cancer risk in northern Sweden. *Cancer Causes and Control* 12, 529-537.

Huntley, A. L., and Ernst, E. (2003). A systematic review of herbal medicinal products for the treatment of menopausal symptoms. *Menopause* 10, 465-476.

Jacobson, J. S., Troxel, A. B., Evans, J., Klaus, L., Vahdat, L., Kinne, D., Lo, K. M., Moore, A., Rosenman, P. J., Kaufman, E. L., et al. (2001). Randomized trial of black cohosh for the treatment of hot flashes among women with a history of breast cancer. *Journal of Clinical Oncology* 19, 2739-2745.

Jakes, R. W., Duffy, S. W., Ng, F. C., Gao, F., Ng, E. H., Seow, A., Lee, H. P., and Yu, M. C. (2002). Mammographic parenchymal patterns and self-reported soy intake in Singapore Chinese women. *Cancer Epidemiology, Biomarkers and Prevention* 11, 608-613.

Khoo, S. K., Munro, C., and Battistutta, D. (1990). Evening primrose oil and treatment of premenstrual syndrome. *Medical Journal of Australia* 153, 189-192.

Knight, D. C., Howes, J. B., and Eden, J. A. (1999). The effect of Promensil, an isoflavone extract, on menopausal symptoms. *Climacteric* 2, 79-84.

Komesaroff, P. A., Black, C. V., Cable, V., and Sudhir, K. (2001). Effects of wild yam extract on menopausal symptoms, lipids and sex hormones in healthy menopausal women. *Climacteric* 4, 144-150.

Kotani, N., Oyama, T., Sakai, I., Hashimoto, H., Muraoka, M., Ogawa, Y., and Matsuki, A. (1997). Analgesic effect of a herbal medicine for treatment of primary dysmenorrhea--a double-blind study. *American Journal of Chinese Medicine* 25, 205-212.

Kotsopoulos, D., Dalais, F. S., Liang, Y. L., McGrath, B. P., and Teede, H. J. (2000). The effects of soy protein containing phytoestrogens on menopausal symptoms in postmenopausal women. *Climacteric* 3, 161-167.

La Vecchia, C., Altieri, A., and Tavani, A. (2001). Vegetables, fruit, antioxidants and cancer: a review of Italian studies. *European Journal of Nutrition* 40, 261-267.

Lauritzen, C., Reuter, H. D., Repges, R., Bohnert, K.-J., and Schmidt, U. (1997). Treatment of premenstrual tension syndrome with Vitex agnus castus. Controlled, double-blind study versus pyridoxin. *Phytomedicine* 4, 183-189.

Lehmann-Willenbrock, E., and Riedel, H. H. (1988). [Clinical and endocrinologic studies of the treatment of ovarian

- insufficiency manifestations following hysterectomy with intact adnexa]. *Zentralblatt fur Gynakologie* 110, 611-618.
- Levi, F., Pasche, C., Lucchini, F., and La Vecchia, C. (2001). Dietary intake of selected micronutrients and breast-cancer risk. *International Journal of Cancer* 91, 260-263.
- Liske, E., Hanggi, W., Henneicke-von Zepelin, H. H., Boblitz, N., Wustenberg, P., and Rahlfs, V. W. (2002). Physiological investigation of a unique extract of black cohosh (*Cimicifugae racemosae rhizoma*): a 6-month clinical study demonstrates no systemic estrogenic effect. *J Womens Health Gend Based Med* 11, 163-174.
- Loch, E. G., Selle, H., and Boblitz, N. (2000). Treatment of premenstrual syndrome with a phytopharmaceutical formulation containing Vitex agnus castus. *J Womens Health Gend Based Med* 9, 315-320.
- Lopez-Saez, J. B., Senra-Varela, A., and Pousa-Estevez, L. (2003). Selenium in breast cancer. *Oncology* 64, 227-231.
- Mahady, G. B., Parrot, J., Lee, C., Yun, G. S., and Dan, A. (2003). Botanical dietary supplement use in peri- and postmenopausal women. *Menopause* 10, 65-72.
- Maskarinec, G., Williams, A. E., and Carlin, L. (2003). Mammographic densities in a one-year isoflavone intervention. *European Journal of Cancer Prevention* 12, 165-169.
- McMichael-Phillips, D. F., Harding, C., Morton, M., Roberts, S. A., Howell, A., Potten, C. S., and Bundred, N. J. (1998). Effects of soy-protein supplementation on epithelial proliferation in the histologically normal human breast. *American Journal of Clinical Nutrition* 68(suppl), 1431S-1436S.
- Milewicz, A., Gejdel, E., Sworen, H., Sienkiewicz, K., Jedrzejak, J., Teucher, T., and Schmitz, H. (1993). [Vitex agnus castus extract in the treatment of luteal phase defects due to latent hyperprolactinemia. Results of a randomized placebo-controlled double-blind study]. *Arzneimittel-Forschung* 43, 752-756.
- Moorman, P. G., Ricciuti, M. F., Millikan, R. C., and Newman, B. (2001). Vitamin supplement use and breast cancer in a North Carolina population. *Public Health Nutr* 4, 821-827.
- Murkies, A. L., Lombard, C., Strauss, B. J., Wilcox, G., Burger, H. G., and Morton, M. S. (1995). Dietary flour supplementation decreases post-menopausal hot flushes: effect of soy and wheat. *Maturitas* 21, 189-195.
- Nagata, C., Takatsuka, N., Kawakami, N., and Shimizu, H. (2001). Soy product intake and hot flashes in Japanese women: results from a community-based prospective study. *American Journal of Epidemiology* 153, 790-793.
- Newman, V., Rock, C. L., Faerber, S., Flatt, S. W., Wright, F. A., and Pierce, J. P. (1998). Dietary supplement use by women at risk for breast cancer recurrence. The Women's Healthy Eating and Living Study Group. *Journal of the American Dietetic Association* 98, 285-292.
- Nikodem, V. C., Danziger, D., Gebka, N., Gulmezoglu, A. M., and Hofmeyr, G. J. (1993). Do cabbage leaves prevent breast engorgement? A randomized, controlled study. *Birth* 20, 61-64.
- Penotti, M., Fabio, E., Modena, A. B., Rinaldi, M., Omodei, U., and Vigano, P. (2003). Effect of soy-derived isoflavones on hot flushes, endometrial thickness, and the pulsatility index of the uterine and cerebral arteries. *Fertility and Sterility* 79, 1112-1117.
- Petrakis, N. L., Barnes, S., King, E. B., Lowenstein, J., Wiencke, J., Lee, M. M., Miike, R., Kirk, M., and Coward, L. (1996). Stimulatory influence of soy protein isolate on breast secretion in pre- and postmenopausal women. *Cancer Epidemiol Biomark Prev* 5, 785-794.
- Pittler, M. H., and Ernst, E. (2003). Kava extract for treating anxiety. *Cochrane Database Syst Rev*, CD003383.
- Puolakka, J., Makarainen, L., Viinikka, L., and Ylikorkala, O. (1985). Biochemical and clinical effects of treating the premenstrual syndrome with prostaglandin synthesis precursors. *Journal of Reproductive Medicine* 30, 149-153.
- Quella, S. K., Loprinzi, C. L., Barton, D. L., Knost, J. A., Sloan, J. A., LaVasseur, B. I., Swan, D., Krupp, K. R., Miller, K. D., and Novotny, P. J. (2000). Evaluation of soy phytoestrogens for the treatment of hot flashes in breast cancer survivors: A North Central Cancer Treatment Group Trial. *Journal of Clinical Oncology* 18, 1068-1074.
- Riboli, E., and Norat, T. (2003). Epidemiologic evidence of the protective effect of fruit and vegetables on cancer risk. *American Journal of Clinical Nutrition* 78, 559S-569S.
- Roberts, K. L. (1995). A comparison of chilled cabbage leaves and chilled gelpaks in reducing breast engorgement. *Journal of Human Lactation* 11, 17-20.
- Roberts, K. L., Reiter, M., and Schuster, D. (1995). A comparison of chilled and room temperature cabbage leaves in treating breast engorgement. *Journal of Human Lactation* 11, 191-194.

- Roberts, K. L., Reiter, M., and Schuster, D. (1998). Effects of cabbage leaf extract on breast engorgement. *Journal of Human Lactation* 14, 231-236.
- Ronco, A. L., De Stefani, E., and Dattoli, R. (2002). Dairy foods and risk of breast cancer: a case-control study in Montevideo, Uruguay. *European Journal of Cancer Prevention* 11, 457-463.
- Rossouw, J. E., Anderson, G. L., Prentice, R. L., LaCroix, A. Z., Kooperberg, C., Stefanick, M. L., Jackson, R. D., Beresford, S. A., Howard, B. V., Johnson, K. C., et al. (2002). Risks and benefits of estrogen plus progestin in healthy postmenopausal women: principal results From the Women's Health Initiative randomized controlled trial. *JAMA* 288, 321-333.
- Sato, R., Helzlsouer, K. J., Alberg, A. J., Hoffman, S. C., Norkus, E. P., and Comstock, G. W. (2002). Prospective study of carotenoids, tocopherols, and retinoid concentrations and the risk of breast cancer. *Cancer Epidemiology, Biomarkers and Prevention* 11, 451-457.
- Scambia, G., Mango, D., Signorile, P. G., Anselmi Angeli, R. A., Palena, C., Gallo, D., Bombardelli, E., Morazzoni, P., Riva, A., and Mancuso, S. (2000). Clinical effects of a standardized soy extract in postmenopausal women: a pilot study. *Menopause* 7, 105-111.
- Schellenberg, R. (2001). Treatment for the premenstrual syndrome with agnus castus fruit extract: prospective, randomised, placebo controlled study. *BMJ* 322, 134-137.
- Setchell, K. D., Brown, N. M., Desai, P., Zimmer-Nechemias, L., Wolfe, B. E., Brashears, W. T., Kirschner, A. S., Cassidy, A., and Heubi, J. E. (2001). Bioavailability of pure isoflavones in healthy humans and analysis of commercial soy isoflavone supplements. *Journal of Nutrition* 131, 1362S-1375S.
- Shannon, J., Cook, L. S., and Stanford, J. L. (2003). Dietary intake and risk of postmenopausal breast cancer (United States). *Cancer Causes and Control* 14, 19-27.
- Smith-Warner, S. A., Spiegelman, D., Yaun, S. S., Adami, H. O., Beeson, W. L., van den Brandt, P. A., Folsom, A. R., Fraser, G. E., Freudenheim, J. L., Goldbohm, R. A., et al. (2001). Intake of fruits and vegetables and risk of breast cancer: a pooled analysis of cohort studies. *JAMA* 285, 769-776.
- St Germain, A., Peterson, C. T., Robinson, J. G., and Alekel, D. L. (2001). Isoflavone-rich or isoflavone-poor soy protein does not reduce menopausal symptoms during 24 weeks of treatment. *Menopause* 8, 17-26.
- Standish, L. J., Greene, K., Greenlee, H., Kim, J. G., and Grosshans, C. (2002). Complementary and alternative medical treatment of breast cancer: a survey of licensed North American naturopathic physicians. *Alternative Therapies in Health and Medicine* 8, 68-70; 72-65.
- Steiner, G. G. (2000). The correlation between cancer incidence and kava consumption. *Hawaii Medical Journal* 59, 420-422.
- Stickel, F., Baumuller, H. M., Seitz, K., Vasilakis, D., Seitz, G., Seitz, H. K., and Schuppan, D. (2003). Hepatitis induced by Kava (*Piper methysticum rhizoma*). *Journal of Hepatology* 39, 62-67.
- Tamborini, A., and Taurelle, R. (1993). [Value of standardized Ginkgo biloba extract (EGb 761) in the management of congestive symptoms of premenstrual syndrome]. *Revue Francaise de Gynecologie et d'Obstetrique* 88, 447-457.
- Tanaka, T. (2003). A novel anti-dysmenorrhea therapy with cyclic administration of two Japanese herbal medicines. *Clinical and Experimental Obstetrics and Gynecology* 30, 95-98.
- Teschke, R., Gaus, W., and Loew, D. (2003). Kava extracts: safety and risks including rare hepatotoxicity. *Phytomedicine* 10, 440-446.
- Tice, J. A., Ettinger, B., Ensrud, K., Wallace, R., Blackwell, T., and Cummings, S. R. (2003). Phytoestrogen supplements for the treatment of hot flashes: the Isoflavone Clover Extract (ICE) Study: a randomized controlled trial. *JAMA* 290, 207-214.
- Trentham-Dietz, A., Newcomb, P. A., Storer, B. E., and Remington, P. L. (2000). Risk factors for carcinoma in situ of the breast. *Cancer Epidemiology, Biomarkers and Prevention* 9, 697-703.
- Upmalis, D. H., Lobo, R., Bradley, L., Warren, M., Cone, F. L., and Lamia, C. A. (2000). Vasomotor symptom relief by soy isoflavone extract tablets in postmenopausal women: a multicenter, double-blind, randomized, placebo-controlled study. *Menopause* 7, 236-242.
- Vachon, C. M., Kushi, L. H., Cerhan, J. R., Kuni, C. C., and Sellers, T. A. (2000). Association of diet and mammographic breast density in the Minnesota breast cancer family cohort. *Cancer Epidemiology, Biomarkers and Prevention* 9, 151-160.
- van de Weijer, P. H., and Barentsen, R. (2002). Isoflavones from red clover (Promensil) significantly reduce menopausal

hot flush symptoms compared with placebo. *Maturitas* 42, 187-193.

van Gorkom, B. A., Karrenbeld, A., van Der Sluis, T., Koudstaal, J., de Vries, E. G., and Kleibeuker, J. H. (2000). Influence of a highly purified senna extract on colonic epithelium. *Digestion* 61, 113-120.

Van Patten, C. L., Olivotto, I. A., Chambers, G. K., Gelmon, K. A., Hislop, T. G., Templeton, E., Wattie, A., and Prior, J. C. (2002). Effect of soy phytoestrogens on hot flashes in postmenopausal women with breast cancer: a randomized, controlled clinical trial. *Journal of Clinical Oncology* 20, 1449-1455.

Warnecke, G. (1991). [Psychosomatic dysfunctions in the female climacteric. Clinical effectiveness and tolerance of Kava Extract WS 1490]. *Fortschritte der Medizin* 109, 119-122.

Washburn, S., Burke, G. L., Morgan, T., and Anthony, M. (1999). Effect of soy protein supplementation on serum lipoproteins, blood pressure, and menopausal symptoms in perimenopausal women. *Menopause* 6, 7-13.

Wiklund, I. K., Mattsson, L. A., Lindgren, R., and Limoni, C. (1999). Effects of a standardized ginseng extract on quality of life and physiological parameters in symptomatic postmenopausal women: a double-blind, placebo-controlled trial. Swedish Alternative Medicine Group. *International Journal of Clinical Pharmacology Research* 19, 89-99.

Wilson, M. L., and Murphy, P. A. (2001). Herbal and dietary therapies for primary and secondary dysmenorrhoea. *Cochrane Database Syst Rev*, CD002124.

Wu, A. H., Wan, P., Hankin, J., Tseng, C. C., Yu, M. C., and Pike, M. C. (2002). Adolescent and adult soy intake and risk of breast cancer in Asian-Americans. *Carcinogenesis* 23, 1491-1496.

Wuttke, W., Jarry, H., Christoffel, V., Spengler, B., and Seidlova-Wuttke, D. (2003a). Chaste tree (*Vitex agnus-castus*)--pharmacology and clinical indications. *Phytomedicine* 10, 348-357.

Wuttke, W., Seidlova-Wuttke, D., and Gorkow, C. (2003b). The *Cimicifuga* preparation BNO 1055 vs. conjugated estrogens in a double-blind placebo-controlled study: effects on menopause symptoms and bone markers. *Maturitas* 44, S67-77.

Yamamoto, S., Sobue, T., Kobayashi, M., Sasaki, S., and Tsugane, S. (2003). Soy, isoflavones, and breast cancer risk in Japan. *Journal of the National Cancer Institute* 95, 906-913.

Yu, S. M., Ghandour, R. M., and Huang, Z. J. (2004). Herbal supplement use among US women, 2000. *J Am Med Womens Assoc* 59, 17-24.

Yun, T. K., and Choi, S. Y. (1995). Preventive effect of ginseng intake against various human cancers: a case-control study on 1987 pairs. *Cancer Epidemiology, Biomarkers and Prevention* 4, 401-408.

Zhang, S., Hunter, D. J., Hankinson, S. E., Giovannucci, E. L., Rosner, B. A., Colditz, G. A., Speizer, F. E., and Willett, W. C. (1999). A prospective study of folate intake and the risk of breast cancer. *JAMA* 281, 1632-1637.

Zhang, S. M., Willett, W. C., Selhub, J., Hunter, D. J., Giovannucci, E. L., Holmes, M. D., Colditz, G. A., and Hankinson, S. E. (2003). Plasma folate, vitamin B6, vitamin B12, homocysteine, and risk of breast cancer. *Journal of the National Cancer Institute* 95, 373-380.

Animal Studies

Borrelli, F., Izzo, A. A., and Ernst, E. (2003). Pharmacological effects of *Cimicifuga racemosa*. *Life Sciences* 73, 1215-1229.

Coldham, N. G., and Sauer, M. J. (2001). Identification, quantitation and biological activity of phytoestrogens in a dietary supplement for breast enhancement. *Food and Chemical Toxicology* 39, 1211-1224.

el-Ela, S. H., Prasse, K. W., Carroll, R., and Bunce, O. R. (1987). Effects of dietary primrose oil on mammary tumorigenesis induced by 7,12-dimethylbenz(a)anthracene. *Lipids* 22, 1041-1044.

Mereto, E., Ghia, M., and Brambilla, G. (1996). Evaluation of the potential carcinogenic activity of Senna and Cascara glycosides for the rat colon. *Cancer Letters* 101, 79-83.

Nagasawa, H., Onoyama, T., Suzuki, M., Hibino, A., Segawa, T., and Inatomi, H. (1990). Effects of motherwort (*Leonurus sibiricus* L.) on preneoplastic and neoplastic mammary gland growth in multiparous GR/A mice. *Anticancer Research* 10, 1019-1023.

Nagasawa, H., Inatomi, H., Suzuki, M., and Mori, T. (1992). Further study on the effects of motherwort (*Leonurus sibiricus* L.) on preneoplastic and neoplastic mammary gland growth in multiparous GR/A mice. *Anticancer Research* 12, 141-143.

Paolini, M., Barillari, J., Broccoli, M., Pozzetti, L., Perocco, P., and Cantelli-Forti, G. (1999). Effect of liquorice and glycyrrhizin on rat liver carcinogen metabolizing enzymes. *Cancer Letters* 145, 35-42.

Pritchard, G. A., Jones, D. L., and Mansel, R. E. (1989). Lipids in breast carcinogenesis. *British Journal of Surgery* 76, 1069-1073.

Rowlands, J. C., He, L., Hakkak, R., Ronis, M. J., and Badger, T. M. (2001). Soy and whey proteins downregulate DMBA-induced liver and mammary gland CYP1 expression in female rats. *Journal of Nutrition* 131, 3281-3287.

Salomi, N. J., Nair, S. C., Jayawardhanan, K. K., Varghese, C. D., and Panikkar, K. R. (1992). Antitumour principles from *Nigella sativa* seeds. *Cancer Letters* 63, 41-46.

Molecular and Cellular Studies

Amato, P., Christophe, S., and Mellon, P. L. (2002). Estrogenic activity of herbs commonly used as remedies for menopausal symptoms. *Menopause* 9, 145-150.

Bodinet, C., and Freudenstein, J. (2002). Influence of *Cimicifuga racemosa* on the proliferation of estrogen receptor-positive human breast cancer cells. *Breast Cancer Research and Treatment* 76, 1-10.

Boue, S. M., Wiese, T. E., Nehls, S., Burow, M. E., Elliott, S., Carter-Wientjes, C. H., Shih, B. Y., McLachlan, J. A., and Cleveland, T. E. (2003). Evaluation of the estrogenic effects of legume extracts containing phytoestrogens. *Journal of Agricultural and Food Chemistry* 51, 2193-2199.

Chan, R. Y., Chen, W. F., Dong, A., Guo, D., and Wong, M. S. (2002). Estrogen-like activity of ginsenoside Rg1 derived from *Panax notoginseng*. *Journal of Clinical Endocrinology and Metabolism* 87, 3691-3695.

Dixon-Shanies, D., and Shaikh, N. (1999). Growth inhibition of human breast cancer cells by herbs and phytoestrogens. *Oncology Reports* 6, 1383-1387.

Dragland, S., Senoo, H., Wake, K., Holte, K., and Blomhoff, R. (2003). Several culinary and medicinal herbs are important sources of dietary antioxidants. *Journal of Nutrition* 133, 1286-1290.

Duda, R. B., Zhong, Y., Navas, V., Li, M. Z., Toy, B. R., and Alvarez, J. G. (1999). American ginseng and breast cancer therapeutic agents synergistically inhibit MCF-7 breast cancer cell growth. *Journal of Surgical Oncology* 72, 230-239.

Grube, B. J., Eng, E. T., Kao, Y. C., Kwon, A., and Chen, S. (2001). White button mushroom phytochemicals inhibit aromatase activity and breast cancer cell proliferation. *Journal of Nutrition* 131, 3288-3293.

Hecht, S. S. (1999). Chemoprevention of cancer by isothiocyanates, modifiers of carcinogen metabolism. *Journal of Nutrition* 129, 768S-774S.

Henderson, M. C., Miranda, C. L., Stevens, J. F., Deinzer, M. L., and Buhler, D. R. (2000). In vitro inhibition of human P450 enzymes by prenylated flavonoids from hops, *Humulus lupulus*. *Xenobiotica* 30, 235-251.

Hsiang, C. Y., Lai, I. L., Chao, D. C., and Ho, T. Y. (2002). Differential regulation of activator protein 1 activity by glycyrrhizin. *Life Sciences* 70, 1643-1656.

Huang, C., Huang, Y., Li, J., Hu, W., Aziz, R., Tang, M. S., Sun, N., Cassady, J., and Stoner, G. D. (2002). Inhibition of benzo(a)pyrene diol-epoxide-induced transactivation of activated protein 1 and nuclear factor kappaB by black raspberry extracts. *Cancer Research* 62, 6857-6863.

Jarry, H., Spengler, B., Porzel, A., Schmidt, J., Wuttke, W., and Christoffel, V. (2003). Evidence for estrogen receptor beta-selective activity of *Vitex agnus-castus* and isolated flavones. *Planta Medica* 69, 945-947.

Lee, Y., Jin, Y., Lim, W., Ji, S., Choi, S., Jang, S., and Lee, S. (2003a). A ginsenoside-Rh1, a component of ginseng saponin, activates estrogen receptor in human breast carcinoma MCF-7 cells. *Journal of Steroid Biochemistry and Molecular Biology* 84, 463-468.

Lee, Y. J., Jin, Y. R., Lim, W. C., Park, W. K., Cho, J. Y., Jang, S., and Lee, S. K. (2003b). Ginsenoside-Rb1 acts as a weak phytoestrogen in MCF-7 human breast cancer cells. *Archives of Pharmacological Research* 26, 58-63.

Liu, J., Burdette, J. E., Xu, H., Gu, C., van Breemen, R. B., Bhat, K. P., Booth, N., Constantinou, A. I., Pezzuto, J. M., Fong, H. H., et al. (2001). Evaluation of estrogenic activity of plant extracts for the potential treatment of menopausal symptoms. *Journal of Agricultural and Food Chemistry* 49, 2472-2479.

Liu, M., Li, X. Q., Weber, C., Lee, C. Y., Brown, J., and Liu, R. H. (2002). Antioxidant and antiproliferative activities of raspberries. *Journal of Agricultural and Food Chemistry* 50, 2926-2930.

Maggiolini, M., Statti, G., Vivacqua, A., Gabriele, S., Rago, V., Loizzo, M., Menichini, F., and Amdo, S. (2002). Estrogenic and antiproliferative activities of isoliquiritigenin in MCF7 breast cancer cells. *Journal of Steroid Biochemistry and Molecular Biology* 82, 315-322.

- Miranda, C. L., Stevens, J. F., Helmrich, A., Henderson, M. C., Rodriguez, R. J., Yang, Y. H., Deinzer, M. L., Barnes, D. W., and Buhler, D. R. (1999). Antiproliferative and cytotoxic effects of prenylated flavonoids from hops (*Humulus lupulus*) in human cancer cell lines. *Food and Chemical Toxicology* 37, 271-285.
- Nerurkar, P. V., Dragull, K., and Tang, C. S. (2004). In Vitro Toxicity of Kava Alkaloid, Pipermethystine, in HepG2 Cells as Compared to Kavalactones. *Toxicological Sciences* 21, 21.
- Oh, M., Choi, Y. H., Choi, S., Chung, H., Kim, K., Kim, S. I., Kim, D. K., and Kim, N. D. (1999). Anti-proliferating effects of ginsenoside Rh2 on MCF-7 human breast cancer cells. *International Journal of Oncology* 14, 869-875.
- Rafi, M. M., Rosen, R. T., Vassil, A., Ho, C. T., Zhang, H., Ghai, G., Lambert, G., and DiPaola, R. S. (2000). Modulation of bcl-2 and cytotoxicity by licochalcone-A, a novel estrogenic flavonoid. *Anticancer Research* 20, 2653-2658.
- Rafi, M. M., Vastano, B. C., Zhu, N., Ho, C. T., Ghai, G., Rosen, R. T., Gallo, M. A., and DiPaola, R. S. (2002). Novel polyphenol molecule isolated from licorice root (*Glycrrhiza glabra*) induces apoptosis, G2/M cell cycle arrest, and Bcl-2 phosphorylation in tumor cell lines. *Journal of Agricultural and Food Chemistry* 50, 677-684.
- Rong, H., Boterberg, T., Maubach, J., Stove, C., Depypere, H., Van Slambrouck, S., Serreyn, R., De Keukeleire, D., Mareel, M., and Bracke, M. (2001). 8-Prenylnaringenin, the phytoestrogen in hops and beer, upregulates the function of the E-cadherin/catenin complex in human mammary carcinoma cells. *European Journal of Cell Biology* 80, 580-585.
- Sicilia, T., Niemeyer, H. B., Honig, D. M., and Metzler, M. (2003). Identification and stereochemical characterization of lignans in flaxseed and pumpkin seeds. *Journal of Agricultural and Food Chemistry* 51, 1181-1188.
- Sierens, J., Hartley, J. A., Campbell, M. J., Leathem, A. J., and Woodside, J. V. (2001). Effect of phytoestrogen and antioxidant supplementation on oxidative DNA damage assessed using the comet assay. *Mutation Research* 485, 169-176.
- Stoica, A., Saceda, M., Fakhro, A., Solomon, H. B., Fenster, B. D., and Martin, M. B. (1999). Regulation of estrogen receptor-alpha gene expression by 1, 25-dihydroxyvitamin D in MCF-7 cells. *Journal of Cellular Biochemistry* 75, 640-651.
- Tamir, S., Eizenberg, M., Somjen, D., Stern, N., Shelach, R., Kaye, A., and Vaya, J. (2000). Estrogenic and antiproliferative properties of glabridin from licorice in human breast cancer cells. *Cancer Research* 60, 5704-5709.
- Weitsman, G. E., Ravid, A., Liberman, U. A., and Koren, R. (2003). Vitamin D enhances caspase-dependent and -independent TNFalpha-induced breast cancer cell death: The role of reactive oxygen species and mitochondria. *International Journal of Cancer* 106, 178-186.
- Yanase, T., Mu, Y. M., Nishi, Y., Goto, K., Nomura, M., Okabe, T., Takayanagi, R., and Nawata, H. (2001). Regulation of aromatase by nuclear receptors. *Journal of Steroid Biochemistry and Molecular Biology* 79, 187-192.
- Zava, D. T., Dollbaum, C. M., and Blen, M. (1998). Estrogen and progestin bioactivity of foods, herbs, and spices. *Proceedings of the Society for Experimental Biology and Medicine* 217, 369-378.
- Zierau, O., Bodinet, C., Kolba, S., Wulf, M., and Vollmer, G. (2002). Antiestrogenic activities of *Cimicifuga racemosa* extracts. *Journal of Steroid Biochemistry and Molecular Biology* 80, 125-130.

[Back to the top](#)

Prepared by Barbour Warren, Ph.D., Research Associate., BCERF.

We will make every effort to update this bibliography. If you have comments on this bibliography, or have a suggestion of a reference you would like us to review for inclusion in the bibliography, please send this information via email to: breastcancer@cornell.edu

Last Update 01.18.05

© 2009 Cornell University

Program on Breast Cancer and Environmental Risk Factors
Cornell University, College of Veterinary Medicine
Vet Box 31, Ithaca, NY 14853-6401
Phone: 607.254.2893; Fax: 607.254.4730
Email: breastcancer@cornell.edu



We comply with the [HONcode standard for trustworthy health](#) information: [Verify here.](#)