Curcumin: Pflanzenstoff hilft gegen Depression, Entzündungen und Krebs

Literatur:

Aggarwal BB, Kumar A, Bharti AC (2003): Anticancer potential of curcumin: preclinical and clinical studies. Anticancer Res; 23(1A): 363-398.

Aggarwal BB, Shishodia S, Takada Y, Banerjee S,. Newman RA Bueso-Ramos C-E, Price JE (2005): Curcumin Suppresses the Paclitaxel-Induced Nuclear Factor-κB Pathway in Breast Cancer Cells and Inhibits Lung Metastasis of Human Breast Cancer in Nude Mice. Clin Cancer Res; 11: 7490-7498.

Allegri P, Mastromarino A, Neri P (2010): Management of chronic anterior uveitis relapses: efficacy of oral phospholipidic curcumin treatment. Long-term follow-up. Clin Ophthalmol; 4: 1201-1206.

Appendino G, Belcaro G, Cornelli U, Luzzi R, Togni S, Dugall M, Cesarone MR, Feragalli B, Ippolito E, Errichi BM, Pellegrini L, Ledda A, Ricci A, Bavera P, Hosoi M, Stuard S, Corsi M, Errichi S, Gizzi G (2011): Potential role of curcumin phytosome (Meriva) in controlling the evolution of diabetic microangiopathy. A pilot study. Panminerva Med; 53(3 Suppl 1): 43-49.

Atal CK, Dubey RK, Singh J (1985): Biochemical basis of enhanced drug bioavailability by piperine: evidence that piperine is a potent inhibitor of drug metabolism. J Pharmacol Exp Ther; 232(1): 258-262.

Belcaro G, Cesarone MR, Dugall M, Pellegrini L, Ledda A, Grossi MG, Togni S, Appendino G (2010b): Efficacy and safety of Meriva®, a curcumin-phosphatidylcholine complex, during extended administration in osteoarthritis patients. Altern Med Rev; 15(4): 337-344.

Belcaro G, Cesarone MR, Dugall M, Pellegrini L, Ledda A, Grossi MG, Togni S, Appendino G (2010a): Product-evaluation registry of Meriva®, a curcumin-phosphatidylcholine complex, for the complementary management of osteoarthritis. Panminerva Med; 52(2 Suppl 1): 55-62.

Belcaro G, Dugall M, Luzzi R, Ledda A, Pellegrini L, Cesarone MR, Hosoi M, Errichi M (2014a): Meriva®+Glucosamine versus Condroitin+Glucosamine in patients with knee osteoarthritis: an observational study. Eur Rev Med Pharmacol Sci; 18(24): 3959-3963.

Belcaro G, Hosoi M, Pellegrini L, Appendino G, Ippolito E, Ricci A, Ledda A, Dugall M, Cesarone MR, Maione C, Ciammaichella G, Genovesi D, Togni S (2014b): A controlled study of a lecithinized delivery system of curcumin (Meriva®) to alleviate the adverse effects of cancer treatment. Phytother Res; 28(3): 444-450.

Bhardwaj RK, Glaeser H, Becquemont L, Klotz U, Gupta SK, Fromm MF (2002): Piperine, a major constituent of black pepper, inhibits human P-glycoprotein and CYP3A4. J Pharmacol Exp Ther; 302(2): 645-650.

Chassaing B, Koren O, Goodrich JK, Poole AC, Srinivasan S, Ley RE, Gewirtz AT (2015): Dietary emulsifiers impact the mouse gut microbiota promoting colitis and metabolic syndrome. Nature; 519(7541): 92-96.

Cox KH, Pipingas A, Scholey AB (2015): Investigation of the effects of solid lipid curcumin on cognition and mood in a healthy older population. J Psychopharmacol; 29(5): 642-651.

Cuomo J, Appendino G, Dern AS, Schneider E, McKinnon TP, Brown MJ, Togni S, Dixon BM (2011): Comparative absorption of a standardized curcuminoid mixture and its lecithin formulation. J Nat Prod; 74(4): 664-669.

Di Pierro F, Rapacioli G, Di Maio EA, Appendino G, Franceschi F, Togni S (2013): Comparative evaluation of the pain-relieving properties of a lecithinized formulation of curcumin (Meriva(®)), nimesulide, and acetaminophen. J Pain Res; 6: 201-205.

DiSilvestro RA, Joseph E, Zhao S, Bomser J (2012): Diverse effects of a low dose supplement of lipidated curcumin in healthy middle aged people. Nutr J; 11: 79.

Dützmann S, Schiborr C, Kocher A, Pilatus U, Hattingen E, Weissenberger J, Geßler F, Quick-Weller J, Franz K, Seifert V, Frank J, Senft C (2016): Intratumoral Concentrations and Effects of Orally Administered Micellar Curcuminoids in Glioblastoma Patients. Nutr Cancer; 68(6): 943-948.

Franceschi F, Togni S, Appendino G (2015): Curcumin and Neurological/Brain Disorders. In: Watson RR, Preedy VR (Hrsg.): Bioactive Nutraceuticals and Food Supplements in Neurological and Brain Disease: Prevention and Therapy. Chapter: 21: 197-204. Academic Press.

Golombick T, Diamond TH, Manoharan A, Ramakrishna R (2015): The Effect of Curcumin (as Meriva) on Absolute Lymphocyte Count (ALC), NK Cells and T Cell Populations in Patients with Stage 0/1 Chronic Lymphocytic Leukemia. J Cancer Ther; 6: 566-571.

Gota VS, Maru GB, Soni TG, Gandhi TR, Kochar N, Agarwal MG (2010): Safety and pharmacokinetics of a solid lipid curcumin particle formulation in osteosarcoma patients and healthy volunteers. J Agric Food Chem; 58(4): 2095-2099.

Gurley BJ, Fifer EK, Gardner Z (2012): Pharmacokinetic herb-drug interactions (part 2): drug interactions involving popular botanical dietary supplements and their clinical relevance. Planta Med; 78(13): 1490-1514.

Ibrahim A, El-Meligy A, Fetaih H, Dessouki A, Stoica G, Barhoumi R (2010): Effect of curcumin and Meriva on the lung metastasis of murine mammary gland adenocarcinoma. In Vivo; 24(4): 401-408.

Kocher A, Bohnert L, Schiborr C, Frank J (2016): Highly bioavailable micellar curcuminoids accumulate in blood, are safe and do not reduce blood lipids and inflammation markers in moderately hyperlipidemic individuals. Mol Nutr Food Res; 60(7): 1555-1563.

Kowluru RA, Kanwar M (2007): Effects of curcumin on retinal oxidative stress and inflammation in diabetes. Nutr Metab (Lond); 4: 8.

Kulkarni S, Dhir A, Akula KK (2009): Potentials of curcumin as an antidepressant. ScientificWorldJournal; 9: 1233-1241.

Ledda A, Belcaro G, Dugall M, Luzzi R, Scoccianti M, Togni S, Appendino G, Ciammaichella G (2012): Meriva®, a lecithinized curcumin delivery system, in the control of benign prostatic hyperplasia: a pilot, product evaluation registry study. Panminerva Med; 54(1 Suppl 4): 17-22.

Mazzolani F (2012): Pilot study of oral administration of a curcumin-phospholipid formulation for treatment of central serous chorioretinopathy. Clin Ophthalmol; 6: 801-806.

Mazzolani F, Togni S (2013): Oral administration of a curcumin-phospholipid delivery system for the treatment of central serous chorioretinopathy: a 12-month follow-up study. Clin Ophthalmol; 7: 939-945.

Ng QX, Koh SSH, Chan HW, Ho CYX (2017): Clinical Use of Curcumin in Depression: A Meta-Analysis. J Am Med Dir Assoc; 18(6): 503-508.

Schiborr C, Kocher A, Behnam D, Jandasek J, Toelstede S, Frank J (2014): The oral bioavailability of curcumin from micronized powder and liquid micelles is significantly increased in healthy humans and differs between sexes. Mol Nutr Food Res; 58(3): 516-527.

Shoba G, Joy D, Joseph T, Majeed M, Rajendran R, Srinivas PS (1998): Influence of piperine on the pharmacokinetics of curcumin in animals and human volunteers. Planta Med; 64(4): 353-356.

Steigerwalt R, Nebbioso M, Appendino G, Belcaro G, Ciammaichella G, Cornelli U, Luzzi R, Togni S, Dugall M, Cesarone MR, Ippolito E, Errichi BM, Ledda A, Hosoi M, Corsi M (2012): Meriva®, a lecithinized curcumin delivery system, in diabetic microangiopathy and retinopathy. Panminerva Med; 54(1 Suppl 4): 11-16.

Viennois E, Merlin D, Gewirtz AT, Chassaing B (2016): Dietary emulsifier-induced low-grade inflammation promotes colon carcinogenesis. Cancer Res; [Epub ahead of print].