Omega-3, EPA und DHA

Literatur: Stonehouse, W. et al, DHA Supplementation improved both memory and reaction time in healthy young adults: a randomized controlled trial, American. J. of clinical nutrition, 97:1134-1143, 2013; Parris M. Kidd. Omega-3 OHA and EPA for Cognition, Behavior and Mood: Clinical findings and structural functional synergies with cell membrane phospholipids; Alternative Medicine Review Vol 12. No. 3, Sept. 07; Sinclair AJ et al, Omega 3 fatty acids and the brain: review of studies in depression, Asia Pac J. clin Nutr. 2007, 16 Suppt 1:391-7; Fontani G et al. Cognitive and physiological effects of omega-3 polyunsaturated fatty acid supplementation in healthy subjects. Eur J. Clin Invest 2005;35;69 1-699; Chiu C. Effects of n-3 polyunsaturated fatty acid supplementation on recurrence prevention inpatients with late-life depression on-site issfal conference report Stockholm, June 2014; Casula, M. et al, Long-term effect of high dose omega-3-fatty acid supplementation for secondary prevention of cardiovascular outcomes: a meta-analysis of randomized, double-blind , placebo controlled trials, Arteriosclerosis supplements, 14: 243-251, 2013; Alternative medicine review, volume 15, p84-86, number 1, 2010; Sven David Müller, Omega-3-Fettsäuren aus ernährungsmedizinischer Sicht, Schweiz. Zschr. Ganzheitsmedizin 16, 95-1000, 168-172, 223-229, 2004, Goldberg, R.J. Katz, J. A meta-analysis of the analgetic effects of omega-3 polyunsaturated fatty acid supplementation for inflammatory joint pain. Pain 129:210-23(2007); Lin, P.Y. et al, A meta-analytic review of polyunsaturated fatty acid compositions in patients with depression. Biol Psychiatry, 68:140-7(2010).

Phospholipide aus Krillöl

Literatur: Parris M. Kidd. Omega-3 DHA and EPA for Cognition, Behavior and Mood: Clinical findings and structural-functional synergies with cell membrane phospholipids; Alternative Medicine Review Vol 12. No.3, Sept. 07; Safford et al. Testing the effects of dietary lecithin on memory in the elderly, an example of social medical research collaboration. Res social works pract 4: 349-358, 1994; Bartus et al, Age related changes in passive avoidance retention and modulation with chronic dietary choline. Science 2009, 301-303, 1980; Vakhapova et al. Phosphatidylserine containing omega-3-fatty acids may improve memory abilities in non-demented elderly with memory complaints, a double-blind placebo-controlled trial. Dement geriatr cogn disord 29, 467-474, 2010.

Astaxanthin

Literatur: Yamashita (2006). The Effects of a Dietary Supplement Containing Astaxanthin on Skin Condition. Carotenoid Science, 10:91-95. Koura (2005). Skin sensitization study of Astaxanthin in Guinea Pigs. Study No. 05035. New Drvg Re- search Center lnc., Hokkaido Japan.; Lee et al., (2003). Arakane (2002), Superior Skin Protection via Astaxanthin. Carot- enoid Sei., 5:21-24.; Lyons & O' Brien et al., (2002). Yamashita (2002). Cosmetic benefit of the supplement health food combined astaxanthin and tocotrienol on human skin. Food Style 21, 6(6):112-117 Malmsten C, Lingell A. (2008). Dietary supplementation with astaxanthin rich algal meal improves muscle endurance - a double blind study on male students. Carotenoid Science 13:20-22. Sawaki K, Yoshigi H, Aoki K, Koikawa N, Azumane A, Kaneko K, Yamaguchi M. (2002). Spo rts performance benefits from taking natural astaxanthin characterized by visual activity and muscle fatigue improvements in humans. J. Clin. Therap. Med., 18(9):73-88. Nakamura A, lsobe R, Otaka Y, Abemats u Y, Nakata D, Honma C, Sakurai S, Shimada Y, Horiguchi M. (2004). Changes in Visual Function Following Peroral Astaxanthin. Japan J. Clin. Opthal., 58(6):1051-1054. Better capacity on phagocytes; Macedo RC et al. Eur J. Nutr. 2010; 49(8):447-457; Nagaki Yasunori et al, Effects of Astaxanthin on accommodation, critical flicker fusion, and pattern visual evoked potential in visual display terminal workers. J. of Traditonal Medicines 2002: 19 (5), 170-173, Sun Z et al, Protective actions of microalgae against endogenous and exogenous advanced glycation endproducts (AGE's) in human retinal pigment epithelial cells. Fod funct. 2011 May; 2(5): 251-8 Epub 2011 Apr 21. PubMed PMID: 21779563; Chang et al, Antioxidant and anti-inflammatory neuroprotective effects of astaxanthin and canthaxanthin in nerve growth tactor differentiated PC12 cells. J. of Food science 2009: 74(7): H225-31.