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## ● Pharmanex® 제품별 관련 자료 목록

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이 자료는 의사, 한의사, 약사, 간호사 등 의료전문가들에게 유용한 정보를 제공하여 드리기 위해 뉴스킨코리아(주) 파마넥스사업부에서 제작한 것입니다. 뉴스킨코리아(주) 파마넥스사업부의 사전 동의 없이 인용, 복사, 배포할 수 없음을 알려드립니다.

- Free radical Theory of Aging
- Biophotonic Scanner

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# Supporting Research

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## LifePak (Comprehensive vitamins and Minerals)

1. C.R.Smidt et al  
Effects of LifePak® supplementation on antioxidant status and LDL-oxidation in healthy non-smokers, Pharmanex Clinical Study Report, 2000
2. Carsten R. Smidt  
Effect of LifePak® supplementation on antioxidant status Using BioPhotonic Raman Spectroscopy, Pharmanex Clinical Study Report, 2003
3. Robert H. Fletcher et al.  
Vitamins for chronic disease prevention in adults, JAMA, Vol.287, No.23, 2002
4. Thomas A. Barringer et al.  
Effect of a multivitamin and mineral supplement on infection and quality of life, American College of Physicians-American Society of Internal Medicine, 2003
5. Peter P.Zandi et.al.  
Reduced risk of Alzheimer disease in users of antioxidant vitamin supplements, Arch Neurol. Vol.61, pp.82-88, 2004
6. Howard D Sesso et al.  
Plasma lycopene, other carotenoids, and retinol and the risk of cardiovascular disease in women, Am J Clin Nutr Vol.79, pp.47-53, 2004

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# Supporting Research

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## Marine Omega (Omega-3 fatty acid, Krill oil)

1. Fotini Sampalis et al.  
Evaluation of the effects of neptune Krill Oil™ on the management of premenstrual syndrome and dysmenorrhea, *Alternative Medicine Review*, Vol.8, 2003
2. Artemis P Simopoulos.  
Omega-3 fatty acids in health and disease and in growth and development, *Am J Clin Nutr* Vol. 54, pp.438-63, 1991
3. Sonja L Connor et al.  
Are fish oils beneficial in the prevention and treatment of coronary artery disease?, *Am J Clin Nutr* Vol.66(suppl):1020S-31S,1997
4. Paul Nestel et.al.  
The n-3 fatty acids eicosapentaenoic acid and docosahexaenoic acid increase systemic arterial compliance in humans, *Am J Clin Nutr* Vol. 76, pp.326-30, 2002

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# Supporting Research

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## g3 (GAC fruit)

1. Le T Vuong et al.  
Plasma beta-carotene and retinol concentrations of children increase after a 30-d supplementation with the fruit *Momordica cochinchinensis* (gac), Am J Clin Nutr Vol.75, pp.872-9, 2002
2. D.S.Burke, C.R. et al.  
*Momordica cochinchinensis*, *Rosa roxburghii*, Wolfberry, and Sea buckthorn\_highly nutritional fruits supported by tradition and science, Current Topics in Nutraceutical Research Vol.3, No.4, pp.259-266, 2005
3. Carsten R.Smidt et al.  
Clinical study: effect of g3 and other juices on antioxidant network status as measured by Raman Spectroscopy, Pharmanex Research Institute, 2005
4. Hiromitsu Aoki et al.  
Carotenoid pigments in GAC fruit (*Momordica cochinchinensis* SPRENG), Biosci. Biotechno. Biochem., Vol.66, No.11, pp.2479-2482, 2002

이 자료는 의사, 한의사, 약사, 간호사 등 의료전문가들에게 유용한 정보를 제공하여 드리기 위해 뉴스킨코리아(주) 파마넥스사업부에서 제작한 것입니다. 뉴스킨코리아(주) 파마넥스사업부의 사전 동의 없이 인용, 복사, 배포할 수 없음을 알려드립니다.

# Supporting Research

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## **Estera Cranberry** (*Cranberry Extract*)

1. Marion E.T. Mcurdo et al.  
Cranberry or trimethoprim for the prevention of recurrent urinary tract infections?  
A randomized controlled trial in older women. *Journal of Antimicrobial Chemotherapy*.  
Vol.63, pp.389-395, 2009
2. Marie"lle A. J. Beerepoot et al.  
Cranberries vs Antibiotics to Prevent Urinary Tract Infections. *ARCH INTERN MED*.  
Vol.171, No.14, pp.1270-1278, 2011
3. MJ Hess et al.  
Evaluation of cranberry tablets for the prevention of urinary tract infections in spinal cord  
injured patients with neurogenic bladder. *Spinal Cord*. Vol.46, pp.622-626, 2008
4. S. Caillet et al.  
Antioxidant and antiradical properties of cranberry juice and extracts. *Food Research  
International*. Vol.44, pp.1408–1413, 2011
5. Dorota Wojnicza et al.  
Study on the influence of cranberry extract Zuravit S•O•S® on the properties of  
uropathogenic *Escherichia coli* strains, their ability to form biofilm and its antioxidant  
properties. *Phytomedicine*. Vol.19, pp.506–514, 2012
6. Jean-Marc Bohbot  
Results of a randomised, double-blind study on the prevention of recurrent cystitis with  
GynDelta®. *The Gynaecologist's and obstetrician's Journal*. 2007

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# Supporting Research

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## Prostate Formula (Saw palmetto, Pollen extract)

1. Frans Debruyne et. al.  
Comparison of a phytotherapeutic agent (permixon) with an  $\alpha$ -blocker(tamsulosin) in the treatment of benign prostatic hyperplasia: a 1-year randomized international study, European Urology Vol.41, pp.497-507, 2002
2. R. Macdonald et al.  
A systematic review of Cernilton<sup>®</sup> for the treatment of benign prostatic hyperplasia, BJU International Vol.85, pp.836-841, 1999
3. H.Becker et al.  
Conservative treatment of benign prostatic hyperplasia(BPH) with Cernilton<sup>®</sup>-results of a placebo-controlled double-blind study, Urologe (B) 28 pp.301-306, 1988
4. A.C.Buck et al.  
Treatment of outflow tract obstruction due to benign prostatic hyperplasia with the pollen extract, Cernilton<sup>®</sup>-a double-blind, placebo-controlled study, Brit. J. Urol. Vol.66, pp.398-404, 1990
5. AC Buck et al.  
Treatment of chronic prostatitis and prostatodynia with pollen extract, Brit. J. Urol. Vol.64, pp.496-499, 1989
6. Maekawa M et al.  
Clinical evaluation of cernilton on benign prostatic hypertrophy-a multiple center double-blind study with paraprost, Hinyokika Kiyō Vol.36, No.4, pp.495-516, 1990

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# Supporting Research

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## Tegreen97 (Green tea extract)

1. D.James Morre et al.  
Preferential inhibition by (-)epigallocatechin-3-gallate of the cell surface NADH oxidase and growth of transformed cells in culture, *Biochemical Pharmacology*, Vol.60, pp.937-946, 2000
2. H-H.Sherry Chow et al.  
Phase I pharmacokinetic study of tea polyphenols following single-dose administration of epigallocatechin gallate and polyphenon E, *Cancer Epidemiology, Biomarkers & Prevention*, Vol.10, pp.53-58, 2001
3. Abdul G Dulloo et al.  
Efficacy of a green tea extract rich in catechin polyphenols and caffeine in increasing 24-h energy expenditure and fat oxidation in humans, *Am J Clin Nutr* Vol.70, pp.1040-5, 1999
4. R Janjua et al.  
A two-year, double-blind, randomized placebo-controlled trial of oral green tea polyphenols on the clinical and histologic appearance of photoaged skin, Poster #P827, 2009

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# Supporting Research

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## ReishiMax (*Ganoderma lucidum-Reishi*)

1. Veronika Slivova et al.  
*Ganoderma lucidum* inhibits invasiveness of breast cancer cells, Journal of Cancer Integrative Medicine, Vol.2, No.1, 2004
2. Sheng-Yuan Wang et.al.  
The anti-tumor effect of *Ganoderma lucidum* is mediated by cytokines released from activated macrophages and T lymphocytes, Int.J.Cancer, Vol.70, pp.699-705, 1997
3. Yuan-Yuan Wang et.al.  
Studies on the immuno-modulating and antitumor activities of *Ganoderma lucidum* (Reishi) polysaccharides: functional and proteomic analyses of a fucose-containing glycoprotein fraction responsible for the activities, Bioorganic & Medicinal Chemistry Vol.10, pp.1057-1062, 2002
4. Jer-Min Lin et.al.  
Radical scavenger and antihepatotoxic activity of *Ganoderma formosanum*, *Ganoderma lucidum* and *Ganoderma neo-japonicum*, Journal of Ethnopharmacology Vol.47, pp.33-41, 1995

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# Supporting Research

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## Cholestin (Red yeast rice)

1. Jiyuan Ma et.al.  
Constituents of red yeast rice, a traditional chinese food and medicine, J.Agric. Food Chem. Vol.28, pp.5220-5225, 2000
2. David Heber et.al.  
Cholesterol-lowering effects of a proprietary chinese red-yeast-rice dietary supplement, Am J Clin Nutr Vol.69, pp.231-6, 1999
3. Changling Li et.al  
*Monascus purpureus*-fermented rice (red yeast rice): a natural food product that lowers blood cholesterol in animal models of hypercholesterolemia, Nutrition Research, Vol.18, No.1, pp.71-81, 1998
4. David Heber et.al. An analysis of nine proprietary chinese red yeast rice dietary supplements: implications of variability in chemical profile and contents, The Journal of Alternative and Complementary Medicine Vol.7, No.2. pp.133-139, 2001
5. Junxian Wang et.al. Multicenter clinical trial of the serum lipid-lowering effects of a *Monascus purpureus*(red yeast) rice preparation from traditional chinese medicine, Current Therapeutic Research Vol.58, No.12, pp.964-978, 1997

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# Supporting Research

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## Liver Formula (*Silybum Marianum-Milk thistle*)

1. H. Fallah Huseini et al.  
The Efficacy of *Silybum marianum* (L.) Gaertn.(Silymarin) in the treatment of type II diabetes: a randomized, double-blind, placebo-controlled, clinical trial, *Phytother. Res.* 20, 1036–1039, 2006
2. Marina Torres et. al.  
Does *Silybum marianum* play a role in the treatment of chronic hepatitis C?, *PRHSJ* Vol.23, No.2, pp.69-74, 2004
3. P.Ferencil et al.  
Randomized controlled trial of Silymarin treatment in patients with cirrhosis of the liver, *Journal of Hepatology*, Vol.9, pp.105-113, 1989
4. R.Delapuerta et al.  
Effect of silymarin on different acute inflammation models and on leukocyte migration, *J.Pharm. Pharmacol*, Vol48. Pp.968-970, 1996
5. H.A.Salmt et al.  
Effect of silymarin on chemical, functional, and morphological alterations of the liver, a double-blind controlled study, *Scand J Gastroenterol*, 1982

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# Supporting Research

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## Proboitic PCC (*Lactobacillus fermentum*)

1. Laura plant, patricia conway, association of *Lactobacillus spp.* with Peyer's patches in mice, Clinical And Diagnostic Laboratory Immunology, Vol.8, No.2, pp.320-324, 2001
2. Jon A Vanderhoof.  
Probiotics: future directions, Am J Clin Nutr Vol.73(suppl):1152S-5S, 2001
3. Michael de Vrese et.al.  
Probiotics-compensation for lactase insufficiency, Am J Clin Nutr Vol.73(suppl):421S-9S, 2001
4. Philippe R Marteau et.al.  
Protection from gastrointestinal disease with the use of probiotics, Am J Clin Nutr Vol.73(suppl);430S-6S, 2001
5. Gregor Reid.  
Probiotic agents to protect the urogenital tract against infection, Am J Clin Nutr Vol.73(suppl):437S-43S, 2001
6. Gerhard Rechkemmer et al.  
Protective role of probiotics and prebiotics in colon cancer, Am J Clin Nutr Vol.73(suppl);451S-5S, 2001
7. Erika Isolauri.  
Probiotics in human disease, Am J Clin Nutr Vol.73(suppl);1142S-6S, 2001

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# Supporting Research

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## Cartilage Formula (*N-acetylglucosamine*)

1. John M. Talent et al.  
Pilot Study of Oral Polymeric N-acetyl-o-glucosamine as a Potential Treatment for Patients with Osteoarthritis. *Clinical Therapeutics*. Vol.18, No.6, pp.1184-1190, 1996
2. Rubin et al.  
Oral polymeric N-acetyl-D-glucosamine and osteoarthritis. *JAOA*. Vol.101, No.6, pp. 339-344, 2001
3. Kazuaki Kikuchi et al.  
Oral N-acetylglucosamine supplementation improves skin conditions of female volunteers: Clinical evaluation by a microscopic three-dimensional skin surface analyzer. *J Appl Cosmetol*. Vol.20, pp.143-152, 2002
4. Kwang Soo Kim et al.  
Anti-wrinkle Effect of N-Acetyl-D-glucosamine (NAG). *J Soc Cosmet. Scientists Korea*. Vol.30, No.4, pp.457-462, 2004

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# Supporting Research

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## Bone Formula (*Aquamin, Lithothamnion calcium*)

1. Aslam et al.  
A Mineral-Rich Extract from the Red Marine Algae *Lithothamnion calcareum* Preserves Bone Structure and Function in Female Mice on a Western-Style Diet. *Calcif Tissue Int.* Vol. 86, No.4, pp. 313-24, 2010
2. Gorman et al.  
The Marine-derived, Multi-mineral formula, Aquamin, Enhances Mineralisation of Osteoblast Cells *In Vitro*. *Phytotherapy Research*. Res.26, pp.375-380, 2012
3. Frestedt et al.  
A natural seaweed derived mineral supplement (Aquamin F) for knee osteoarthritis: a randomised, placebo-controlled pilot study. *Nutrition Journal*. Vol.8, No.7, 2009

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# Supporting Research

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## **Cortitrol Plus** (*Lactium, Cantaloupe melon juice concentrate, L-Theanine*)

1. Benjamin Guesdon et al.  
A tryptic hydrolysate from bovine milk  $\alpha$ S1-casein improves sleep in rats subjected to chronic mild stress, *Peptides*. 27(6), 1476-1482 (2006)
2. Nicolas Violle et al.  
Ethological comparison of the effects of a bovine  $\alpha$ S1-casein tryptic hydrolysate and diazepam on the behaviour of rats in two models of anxiety, *Pharmacology, Biochemistry and Behavior*. 84, 517-523 (2006)
3. Michael Messaoudi et al.  
Effects of a tryptic hydrolysate from bovine milk  $\alpha$ S1-casein on hemodynamic responses in healthy human volunteers facing successive mental and physical stress situations, *Eur J Nutr*. 44(2), 128-132 (2005)
4. JH KIM, D Desor et al.  
Efficacy of  $\alpha$ S1-casein hydrolysate on stress-related symptoms in women, *European Journal of Clinical Nutrition*. 1-6 (2006)
5. Marie-Anne Milesi et al.  
Effect of an oral supplementation with a proprietary melon juice concentrate on stress and fatigue in healthy people: a pilot, double-blind, placebo-controlled clinical trial, *Nutrition Journal*, 8:40 (2009)
6. Lekh Raj Juneja et al.  
L-Theanine -a unique amino acid of green tea and its relaxation effect in humans, *Trends in Food Science & Technology* 10, 199-204 (1999)
7. P.J.D. Bouic et al.  
The effects of  $\beta$ -sitosterol(BSS) and  $\beta$ -sitosterol glucoside(BSSG) mixture on selected immune parameters of marathon runners: inhibition of post marathon immune suppression and inflammation, *Int J Sports Med* 20, 258-262 (1999)

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# Supporting Research

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## Aloe Gel PX (Aloe vera)

1. Mage G et al.  
*Aloe vera* extract prevents aspirin-induced acute gastric mucosal injury in rats, *Med Sci Res* 25:765-766 (1997)
2. Yusuf S et al.  
The effect of *Aloe vera* A. Berger(Liniaceae) on gastric acid secretion and acute gastric mucosal injury in rats. *J Pharmacol* 93:33-37 (2004)
3. Zhang L et al.  
Activation of a mouse macrophage cell line by acemannan: the major carbohydrates fraction from aloe vera gel. *Immunopharmacology* 35(2):119-128 (1996)
4. KFDA: 알로에 겔 기능성 모노그래프
5. 고시형 건강기능식품 기능성 재평가 : 피부 기능 관련 제품  
식품의약품안전청 용역연구개발사업 보고서 (2006)
6. Sadao Mori  
양배추 발효 추출물에 대한 위궤양 예방, *Food Style* 21 Vol. 7 No. 12 (2003)

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# Supporting Research

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## **Slim S** (*Forskolin-coleus forskohlii*, Coffee extract, Banaba extract)

1. Donald O. Allen et al.  
Relationships between cyclic AMP levels and lipolysis in fat cells after isoproterenol and forskolin stimulation, *The Journal of Pharmacology and Experimental Therapeutics*, Vol. 238(2), 659-664 (1986)
2. The Forslean® Study Report / Study Protocol No. FL-003-B 2003-2004  
A randomized, double-blind, multicenter, phase III clinical study to investigate the efficacy and safety of Forslean® in increasing lean body mass, Sami Labs Limited (2003-2004)
3. Rob M. van Dam et al.  
coffee consumption and risk of type 2 diabetes: a systematic review, *JAMA*. 294(1):97-104 (2005)
4. Dellalibera et al.  
Green coffee extract, Induces weight loss and increases the lean to fat mass ration in volunteers with overweight problem, *Phytotherapie* (2006)
5. Yoshio Ikeda et al.  
Blood glucose controlling effects and safety on single and long-term administration of the extract of banaba leaves, *Health & Nutrition Food Study*, Vol 5(2) (2002)
6. Suzuki Y et al.  
Antiobesity activity of extracts from *Lagerstroemia speciosa L.* leaves (Banaba leaves) on female KK-Ay mice. *J Nutr Sci Vitaminol (Tokyo)*, 45:791-5 (1999)

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# Supporting Research

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## Fibrenet (Chitosan)

1. Henrietta Blankson et al.  
Chitosan decreases total cholesterol in women: a randomized, double-blind, placebo-controlled trial. Eur J Clin Nutr 57(5):721-725 (2003)

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# Supporting Research

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## Diene-O-Lean (Conjugated Linoleic Acid)

1. Henrietta Blankson et.al.  
Conjugated linoleic acid reduces body fat mass in overweight and obese humans, American Society for Nutritional Sciences, 2000
2. Jean-Michel Gaullier et.al.  
Supplementation with conjugated linoleic acid for 24 months is well tolerated by and reduces body fat mass in healthy, overweight humans, American Society for Nutritional Sciences, 2005
3. Vassilis Mougios et.al. Effect of supplementation with conjugated linoleic acid on human serum lipids and body fat, Journal of Nutritional Biochemistry Vol.12, pp.585-594, 2001
4. U Riserus et al.  
Conjugated Linoleic acid (CLA) reduced abdominal adipose tissue in obese middle-aged men with signs of the metabolic syndrome: a randomized controlled trial, International Journal of Obesity, Vol.25, pp.1129-1135, 2001
5. Annika Smedman et al.  
Conjugated linoleic acid supplementation in humans – metabolic effects, Lipids, Vol.36, No.8, 2001
6. MMJW Kamphuls et.al.  
The effect of conjugated linoleic acid supplementation after weight loss on body weight regain, body composition, and resting metabolic rate in overweight subjects, International Journal of Obesity, Vol.27, pp.840-847, 2003

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# Supporting Research

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## age LOC R<sup>2</sup>eCHARGE (*Cordyceps sinensis*, Red-ginseng, Pomegranate)

1. Jia-Shi Zhu et al.  
The scientific rediscovery of a precious ancient chinese herbal regimen: *Cordyceps sinensis* part I, The Journal of Alternative and Complementary Medicine, Vol 4(3), 289-303, 1998
2. Jia-Shi Zhu et al.  
The scientific rediscovery of a precious ancient chinese herbal regimen: *Cordyceps sinensis* part II, The Journal of Alternative and Complementary Medicine, Vol 4(4), 429-457, 1998
3. Guowei Dai M.S. et al.  
CordyMax Cs-4 improves steady-state bioenergy status in mouse liver, The Journal of Alternative and Complementary Medicine, Vol 7, 231-240, 2001
4. Chun-Sheng Zhao B.S. et al.  
CordyMax Cs-4 improves glucose metabolism and increase insulin sensitivity in normal rats, The Journal of Alternative and Complementary Medicine, Vol 8, 309-314, 2002
5. Jong-Ho Koh et al.  
Antifatigue and antistress effect of the hot-water fraction from mycelia of *Cordyceps sinensis*, Biol. Pharm. Bull, Vol 26(5), 691-694, 2003

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6. Yi Xiao et al.  
Fermentation product of *Paecilomyces hepialid*, CordyMax Cs-4, enhance aerobic metabolism function in health aged people, *Clinical J, Geriatr.* Vol 20(4), 297-298, 2001
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Improvement in aerobic-metabolic capacity and cardiovascular functions by CordyMax during exercise in young, highly-fit, male athletes, *Chinese Journal of Clinical Pharmacy*, Vol 16(5), 299-304, 2007
9. Steve Chen M.D. et al.  
Effect of Cs-4 (*Cordyceps sinensis*) on exercise performance in healthy older subjects: a double-blind, placebo-controlled trial, *The Journal of Alternative and Complementary Medicine*, Vol 16(5), 585-590, 2010
10. 李長齡 et al.  
冬虫夏草君沛胶囊改善中老年人运动代谢和运动耐力研究, *Shanghai Journal of Preventive Medicine*, Vol 20(9), 467-469, 2008
11. 최승욱 외.  
12 주간의 홍삼복용과 복합운동프로그램이 호흡순환기능 및 피로회복능력에 미치는 영향, *한국체육과학회지*, 제 17 권 제 3 호, 675-686, 2008
12. Kennedy D. O et al.  
Effects of 8 weeks administration of korean *Panax ginseng* extract on the mood and

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13. Aviram M et al.

Pomegranate juice consumption reduces oxidative stress, atherogenic modifications to LDL, and platelet aggregation: studies in humans and in atherosclerotic apolipoprotein E-deficient mice, Am J Clin Nutr Vol 71, 1062-76, 2000

14. Louis J. Ignarro et al.

Pomegranate juice protects nitric oxide against oxidative destruction and enhances the biological actions of nitric oxide, Nitric Oxide Vol 15, 93-102, 2006

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Comparison of antioxidant potency of commonly consumed polyphenol-rich beverages in the United States, J. Agric. Food Chem, Vol 56, 1415-1422, 2008

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# Supporting Research

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## age LOC R<sup>2</sup>eNEW (Milk thistle, Red orange, CoQ-10, Grape seed, Olive)

1. Muriel P et al.  
Prevention by silymarin of membrane alterations in acute CCl<sub>4</sub> liver damage, Journal of Applied Toxicology 10(4):275-279, 1990
2. Sharma A et al.  
Anti hepatotoxic activity of some Indian herbal formulations as compared to silymarin, Fitoterapia 32(3):229-235, 1991
3. Lettéron P et al.  
Mechanism for the protective effects of silymarin against carbon tetrachloride-induced lipid peroxidation and hepatotoxicity in mice. Evidence that silymarin acts both as an inhibitor of metabolic activation and as a chain-breaking antioxidant, Biochemical pharmacology 39(12):2027-34, 1990
4. Buzzelli G et al.  
A pilot study on the liver protective effect of silybin-phosphatidylcholine complex (IdB1016) in chronic active hepatitis, International journal of clinical pharmacology, therapy, and toxicology 31(9):456-60, 1993
5. Hajaghamohammadi AA et al.  
The efficacy of silymarin in decreasing transaminase activities in non-alcoholic fatty liver disease: a randomized controlled clinical trial, Journal of hepatitis monthly 8(3):191-195, 2008

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6. Lucena MI et al.  
Effects of silymarin MZ-80 on oxidative stress in patients with alcoholic cirrhosis. results of a randomized, double-blind, placebo-controlled clinical study, International journal of clinical pharmacology and therapeutics 40(1):2-8, 2002
7. Bonina F et al.  
Oxidative stress in professional handball players: effect of the supplementation with a standardised red orange extract, Nutr Res 25: 917-924, 2005)
8. Bonina F et al.  
Protective effect of a standardised red orange extract on air-pollution induced oxidative damage in traffic police officers, Natural Product Research 22 (17), 1544-1551, 2008
9. Bonina F et al.  
Evaluation of oxidative stress in diabetic patients after supplementation with a standardised red orange extract. Diabetes, Nutr Metab 15: 14-19, 2002
10. Terao K et al.  
Enhancement of oral bioavailability of coenzyme Q10 by complexation with  $\gamma$ -cyclodextrin in healthy adults, Nutrition Research 26, 503-508, 2006
11. Papucci L et al.  
Coenzyme Q10 prevents apoptosis by inhibiting mitochondrial depolarization independently of its free radical scavenging property, The Journal of Biological Chemistry, Vol 278(30), 28220-28228, 2003
12. Hodgson JM et al.  
Coenzyme Q10 improves blood pressure and glycaemic control: a controlled trial in subjects with type 2 diabetes, European Journal of Clinical Nutrition, Vol 56, 1137-1142, 2002
13. Aejmelaesus R et al.



Ubiquinol-10 and total peroxy radical trapping capacity of LDL lipoproteins during aging: the effects of Q-10 supplementation, *Molec. Aspects Med.* Vol 18(Suppl.) s113-s120, 1997

14. John Shi et al.

Polyphenolics in grape seeds-biochemistry and functionality, *Journal of Medical Food*, Vol 6(4), 291-299, 2003

15. Benavente-Garcia O et al.

Antioxidant activity of phenolics extracted from *Olea europaea* L. leaves, *Food Chemistry*, Vol 68, 457-462, 2000

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## ageLOC TR90

(Saffron)

1. Bernard Gout et al  
Satiereal, a *Crocus sativus* L extract, reduces snacking and increases satiety in a randomized placebo-controlled study of mildly overweight, healthy women, *Nutrition Research* 30 (2010) 305-313

(Brown seaweed/ Fucoxanthin)

1. Jane Teas et al.  
Could dietary seaweed reverse the metabolic syndrome?, *Asia Pac J Clin Nutr* 2009;18(2) 145-157 (2009)
2. Hayato Maeda et al.  
Fucoxanthin and its metabolite, fucoxanthinol suppress adipocyte differentiation in 3T3-L1 cells, *International Journal of Molecular Medicine* 18:147-152, 2006 (2006)
3. Masashi Hosokawa et al.  
Fucoxanthin regulates adipocytokine mRNA expression in white adipose tissue of diabetic/obese KK-Ay mice, Faculty of Fisheries Sciences, Hokkaido University, 3-1-1 Minato, Hakodate, Hokkaido 041-8611, Japan (2010)
4. Myoung-Nam Woo et al.  
Anti-obese property of fucoxanthin is partly mediated by altering lipid-regulating enzymes and uncoupling proteins of visceral adipose tissue in mice, *Mol. Nutr. Food Res*, 2009, 53,1603-1611 (2009)
5. Hayato Maeda et al.  
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6. Hayato maeda et al.  
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a murine model, *Molecular Medicine Reports* 2: 897-902 (2009)

7. Myoung-Nam Woo et al.  
Fucoxanthin supplementation improves plasma and hepatic lipid metabolism and blood glucose concentration in high-fat fed C57BL/6N mice, *Chemico-Biological Interactions* 186 (2010) 316-322
8. Nasashi Hosokawa et al.  
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#### (Cocoa)

1. Naoko Matsui et al.  
Ingested cocoa can prevent high-fat-diet –induced obesity by regulating the expression of genes for fatty acid metabolism, *Nutrition* 21 (2005) 594-601
2. Yoko Yamashita et al.  
Prevention mechanism of glucose intolerance and obesity by cacao liquor procyanidin extract in high-fat-diet-fed C57BL/6 mice, *Biochemistry and Biophysics* 527(2012)95-104
3. Seigo Baba et al.  
Plasma LDL and HDL Cholesterol and Oxidized LDL Concentrations Are Altered in Normo-and Hyper cholesterolemic Humans after Intake of Different Levels of Cocoa Powder, *The Journal of Nutrition* 137:1436-1441 (2007)
4. Suzana Almoosawi et al.  
The effect of polyphenol-rich dark chocolate on fasting capillary whole blood glucose, total cholesterol, blood pressure and glucocorticoids in healthy overweight and obese subjects, *British Journal of Nutrition*, 103, 842-850(2010)

#### (Citrus)

1. Un Ju Jung et al.  
Effect of citrus flavonoids on lipid metabolism and glucose-regulating enzyme mRNA levels in type-2 diabetic mice, *The International Journal of Biochemistry & Cell Biology* 38(2006) 1134-1145
2. Erin E. Mulvihill et al.  
Protection from Metabolic Dysregulation, Obesity and Atherosclerosis by Citrus Flavonoids: Activation of Hepatic PGC1 $\alpha$ -Mediated Fatty Acid Oxidation, *Hindawi*

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(Tart Cherry)

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Tart Cherry Intake Alters Abdominal Adiposity, Adipose Gene , Transcription and  
Inflammation in Obesity-Prone Rats Fed a High Fat Diet, Journal of Medical Food J  
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## **super kids red ginseng**

1. J Food Sci Nutr. Vol 14, p201~207(2009)  
Bioavailability of Fermented Korean Red Ginseng
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## **daily kids probiotics**

1. G.Leyer et al; Pediatrics effects on cold and flu influenza like symptom incidence and duration; PEDIATRICS Vol. 124 No. 2 August 1, 2009

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# Supporting Research

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## Venix I

1. Asian J Androl 2001 Dec; 3: 301-303

Lepidium meyenii (Maca) improved semen parameters in adult men

## Venix II

1. Aging male, 2016; 19(2): 134-142

Testofen, a specialized Trigonella foenum-graecum seed extract reduces age-related symptoms of androgen decrease, increases testosterone levels and improves sexual function in healthy aging males in a double-blind randomized clinical study

2. Journal of Sport and Health Science 5 (2016) 176-182

Beneficial effects of fenugreek glycoside supplementation in male subjects during resistance training: A randomized controlled pilot study

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# Supporting Research

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## Free Radical Theory of Aging

1. Kenneth B et al.

The free radical theory of aging matures, Physiological Reviews, Vol.78, No.2, 1998

2. Free Radicals and Antioxidant Nutrients

- 1) Lawrence J.Machlin et al.

Free radical tissue damage: protective role of antioxidant nutrients, American

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Institute of Nutrition, 1987

2) Roberta Re et al.

Antioxidant activity applying an improved ABTS radical cation decolorization assay,  
Free Radical Biology & Medicine, Vol.26, Nos.9/10, pp.1231-1237, 1999

3) Garry R.Buettner.

The pecking order of free radicals and antioxidants: lipid peroxidation, alpha-tocopherol, and ascorbate, Archives of Biochemistry and Biophysics, Vol.300, No.2, February 1, pp.535-543, 1993



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## Biophotonic Scanner

1. Carsten R.Smidt.  
Clinical screening study: use of the pharmanex biophotonic scanner to assess skin carotenoids as a marker of antioxidant Status, 2003
2. Carsten R.Smidt.  
Non-invasive raman spectroscopic detection of carotenoids in human skin as a biomarker of antioxidant Status, 가정의학회지, Vol.26, No.4, Suppl. 2005
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Non-invasive raman spectroscopic detection of carotenoids in human Skin, J Invest Dermatology 115:441-448, 2000
4. Werner Gellermann et.al.  
In vivo resonant raman measurement of macular carotenoid pigments in the young and the aging human retina, J. Opt. Soc. Am. A, Vol.19, No.6, 2002

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