



Business Achievement Awards for Sabinsa Corporation

Sabinsa Corporation was awarded a product merit award by Nutrition Business Journal (NBJ) for GarliSelect[®], a patented branded selenium-enriched garlic product, and a scientific achievement award for Curcumin C3 Complex[®], a patented extract of turmeric standardized to 95 percent curcuminoids. The NBJ Business Achievement Awards recognize companies for their distinguished achievements in various business categories within the natural products industry. Awards will be presented in a special ceremony at the NBJ Newport Summit, July 18 - 20, 2007, in Laguna Niguel, California.

Curcumin C3 Complex was honored with the investment in science and research award because it was the subject of two published studies in 2006. Results of an in vitro study published in the October 9, 2006 edition of The Journal of Alzheimer's Disease found curcuminoids from Curcumin C3 Complex could boost the body's ability to clear the build up of plaque in the brain that is linked to Alzheimer's disease. Another study, published in the March 2006 BMC Complementary and Alternative Medicine, found the tolerance and safety of Curcumin C3 Complex in high single oral doses to be excellent.

The product merit award recognized GarliSelect, a selenium-enriched garlic product manufactured by a proprietary hydroponics culture process. The selenium-enriched bulbs are dried, powdered and standardized to yield GarliSelect. The ingredient contains 1,000 ppm of selenium in a bioavailable, organic form and a minimum of 200 ppm Alliin in a base of natural garlic powder. Sabinsa currently holds U.S. Patent #7,014,874 B1 for "Compositions and methods containing Allium sativum linn (garlic) naturally enriched with organic selenium compounds for nutritional supplementation."

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NutraCon 2007: Sabinsa President Discusses Intellectual Property Issues

Todd Norton, president and chief operating officer of Sabinsa Corporation participated in a panel discussion entitled "Creating an Intellectual Property Platform," as part of the Nutracon Conference. Other panel members included Roger Wyse, managing partner, Burrill & Company; Marina Volin, a registered patent attorney with Caesar, Rivise, Bernstein, Cohen and Pokotilow, Ltd.; and Qi Jia, Ph.D., chief science officer, Unigen Pharmaceuticals.

The panel examined the scope of intellectual property issues globally and provided perspectives from both inside and outside the industry. Todd Norton specifically highlighted the value of intellectual property including branding opportunities and return on investment, as well as discussed the realities of promoting and protecting intellectual property in the natural products industry.

Current trends in Cosmetics: Nurturing Beauty from Within and Without

Current trends in anti-aging cosmetics favor delivering actives to the skin, hair and nails both by ingestion and topical application. To retain structure integrity of skin, hair and nails, adequate bioprotection, moisturization and nutrient supply for cell renewal are essential.

The rationale for skin health through nutritional interventions and topically applied nourishment is easy to develop. Consider for example the 'sunshine'

vitamin, vitamin D, the increasing benefits of which in the prevention of a variety of diseases ranging from cancer to multiple sclerosis forms the subject of contemporary research. The production of the active form of vitamin D from 7-dehydrocholesterol occurs in the skin. People with diminished exposure to sunlight have been known to have vitamin D deficiency correlated with a higher rate of decreased bone mineral density or osteoporosis, a higher rate of skin cancer, increased susceptibility to seasonal affective disorder (depression), or SAD, and increased susceptibility to multiple sclerosis, rheumatoid arthritis and other disorders related to immunological functions. In conjunction with daylight therapy the concomitant oral vitamin D supplementation is considered to be an important treatment for SAD.

The process of aging gradually diminishes both the resilience of skin, and the ability of the digestive tract to metabolize nutrients optimally to sufficiently nourish the body. Therefore, delivering functional molecules including antioxidants, vitamins and minerals, probiotics, digestive aids, detoxicants, cleansers, weight management support agents, and bioavailability enhancers, through the diet and as by topical application offers a comprehensive approach to support healthy ageing.

Contact Sabinsa Corporation for ingredients with scientifically validated efficacy that potentially help to nurture beauty from within and without.

Cover Story: BioPerine®

BioPerine® is a standardized extract from the fruits of *Piper nigrum* L. (black pepper) or *Piper longum* L. (long pepper). It contains a minimum piperine content of 95% compared to the 3-9% and 3-5%

found in raw forms of *Piper nigrum* and *Piper longum*, respectively. BioPerine® may be coadministered with various nutrients for both human and animal health.

Nutritional materials which may be co-administered with BioPerine®, include the following groups :

- **Herbal extracts:** (for example. Curcuminoids, *Boswellia serrata* extract, *Ashwagandha*, *Ginkgo biloba* extract, capsaicin, bioflavonoids and others)
- **Water-soluble vitamins:** (for example vitamin B1, vitamin B2, Niacinamide, vitamin B6, vitamin B12, Folic acid and Vitamin C)
- **Fat-soluble vitamins:** (for example. vitamin A, vitamin D, vitamin E, and vitamin K)
- **Antioxidants:** (for example. Vitamin A, Vitamin C, Vitamin E, alpha-carotene, beta-carotene, beta-cryptoxanthin, lycopene, lutein/zeaxanthin, pine bark bioflavonoids complex, germanium, selenium and zinc).
- **Amino acids:** (for example. lysine, isoleucine, leucine, threonine, valine, tryptophan, phenylalanine, and methionine)
- **Minerals:** (for example calcium, iron, zinc, vanadium, selenium, chromium, iodine, potassium, manganese, copper and magnesium).



BIOPERINE®

Sabinsa Corporation was granted four US patents and an International (European) patent on the use and manufacturing process for BioPerine® U.S. Patent #s. 6,054,585 (2000), 5,972,382 (1999), 5,744,161 (1998) and 5,536,506 (1996); EP 0810868 (2001). Sabinsa Corporation would like to assure our readers that although a decrease in black pepper production is forecasted this year, this will in no way impact our ability to supply customers with BioPerine. A price increase per kilo of approximately 8 to 10 percent is anticipated.

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