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BREAKING NEWS

Nutrition 21 Unveils NDI Nitrosigine

Nutrition 21, LLC has launched of Nitrosigine, a novel patented source of inositol-stabilized arginine silicate accepted by FDA as a New Dietary Ingredient.

05.17.13

Nutrition 21, LLC, Purchase, NY, a developer and marketer of nutritional ingredients, has launched Nitrosigine, a novel patented source of inositol-stabilized arginine silicate accepted by the United States Food and Drug Administration (FDA) as a New Dietary Ingredient (NDI). In pre-clinical studies, Nitrosigine has been shown to demonstrate superiority over arginine in blood flow markers and has been shown to positively affect silicon absorption, providing evidence of health benefits applicable to many market categories.

"Nitrosigine is an exciting addition to our ingredient division and we anticipate it will allow our customers to impact consumers in the sports nutrition, cardiovascular health and men's health categories. Nitrosigine also validates our ability to develop patent-protected NDIs," explained Michael Satow, president and CEO of Nutrition 21.

Primary investigator, Dr. James C. Russell, Professor Emeritus, Department of Surgery, Metabolic and Cardiovascular Diseases Laboratory at the Alberta Institute for Human Nutrition, University of Alberta, Canada and his colleagues conducted one of the preclinical studies, entitled "Metabolic Effects of a Novel Silicate Inositol Complex of the Nitric Oxide Precursor Arginine in the Obese Insulin-resistant JCRLA-cp Rat." Their research concluded that the arginine silicate inositol complex is absorbed efficiently, raising plasma arginine levels, and is more biologically effective than arginine hydrochloride. Dr. Russell stated, "Our research has shown significant protective effects of the novel amino acid compound arginine silicate in an animal model of the Metabolic Syndrome with treatment reversing impaired function of the coronary arteries."

"The benefits seen with Nitrosigine in enhancing coronary blood flow can also be applied to other categories, including sports nutrition and men's health. Arginine has been studied extensively since 1998 as a natural metabolic donor of nitric oxide. There is also accumulated evidence over the past 35 years suggesting an important role for silicon in connective tissue and for bone health. Nitrosigine provides the benefits of arginine and silicon, with additional benefits from the unique combination," said James Komorowski, MS, CNS, vice president scientific and regulatory affairs at Nutrition 21.

Research has shown dramatic protective effects of the novel amino acid compound arginine silicate in pre-clinical studies. Results with human subjects are anticipated for Q3 2013.

Other findings include:

- Nitrosigine almost doubles maximum blood flow compared to Arginine HCl and is 4x greater than Control
- Nitrosigine blood vessel relaxation is almost 5x greater than Arginine HCl
- Nitrosigine supplementation significantly increased silicon blood levels compared to normal dietary intake

"Nutrition 21 is thrilled to begin selling our NDI accepted, Nitrosigine. Based on pre-clinical results, Nitrosigine demonstrated superiority over arginine as shown by increases in blood flow markers and silicon absorption. We anticipate significant market interest with strong customer sales," said Michael Quinn, executive director, national sales at Nutrition 21.

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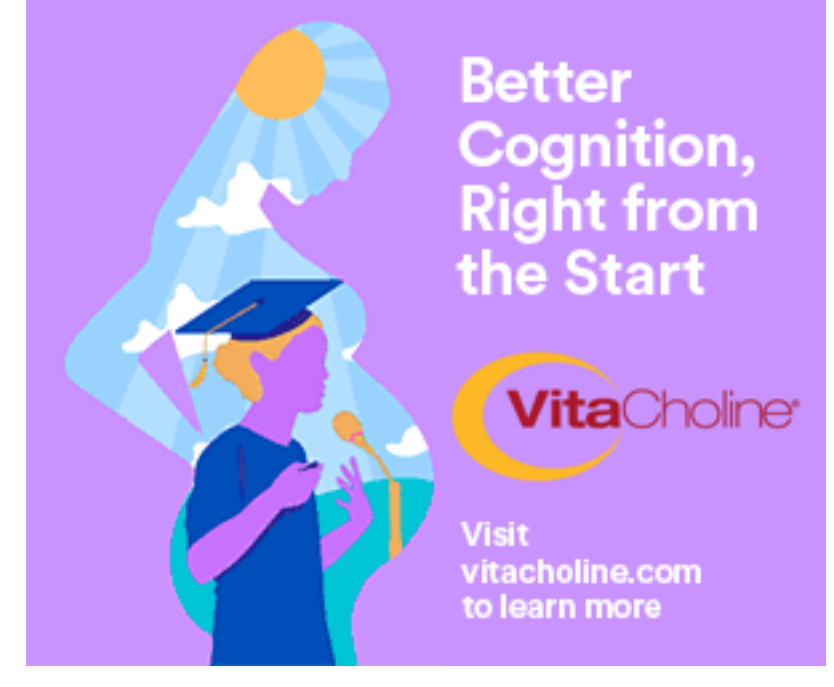
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Synergia Receives GRAS Notification for Vitamin K2 Ingredient

MenaquinGold received a "No Question" letter for its ingredient in supplements and special dietary products for children ages 1 to 13.

10.16.20



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Review Discusses Anti-Hypertensive Properties of Rice Bran Peptides

This plant-based source of peptides is conventionally considered a waste byproduct in the processing of this grain.

10.09.20

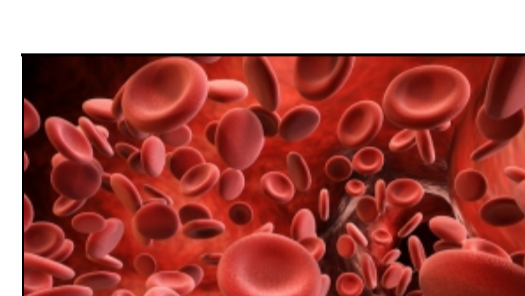


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Review Calls for Research on Vitamin K Metabolism and COVID-19

Clinical evidence suggests the micronutrient's anticoagulation effect may be beneficial in cardiovascular outcomes related to COVID-19 infection.

10.09.20



Functionality is driving new beverage growth.

From COVID19 to the sugar backlash, manufacturers are uncovering a new wave of beverage innovation opportunities to meet consumer demand.

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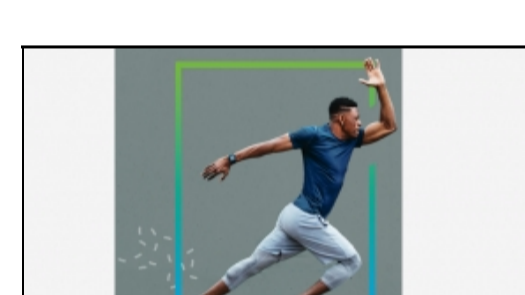


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Gnosis, Now Acquired by Lesaffre, Announces New Business Strategy

The company's product development specialization centers around biotransformation processes.

10.08.20



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GOED Updates FatsofLife.com for Healthcare Practitioner Audience

The educational site offers HCPs a new way to collect studies on omega-3S and specific health outcomes.

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Synergia Life Sciences Receives European Patent for Vitamin K Analogues and Derivatives

The patent recognizes vitamin K2 menaquinone-7 for improvements to a number of cardiovascular health metrics.

10.07.20

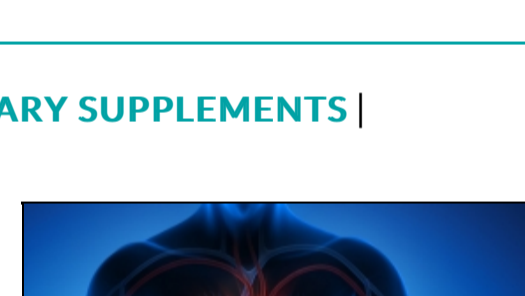


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Low Levels of Vitamins D and K Correlated with Risk of All Cause Mortality

Cardiovascular events and mortality were also linked to adequate intake of these two vitamins.

10.06.20



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Ubiquinol Shown to Improve Endothelial Function in Subjects with Mild-to-Moderate Dyslipidemia

Results suggest dietary supplementation with Ubiquinol may be helpful in improving outcomes in cardiovascular patients.

10.06.20



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National Advertising Division Refers Company to FTC Over Dramatic Weight Loss Claims

Leptitox, marketed as an appetite suppressant and weight loss product, had claims that were challenged by the Council for Responsible Nutrition.

10.02.20



Who helps muscles recover faster?

Ashland Nordic Cherry® tart cherry extract is one of the most bioactive, full-spectrum, whole fruit tart cherry extracts on the market. It enhances exercise recovery and enables the consumer to recover faster after a workout.

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Gencor Introduces Testosterone Support Ingredient

The herbal combination of cocoa bean and pomegranate peel extracts was shown to reduce Aging Male Symptoms (AMS) scores.

10.01.20

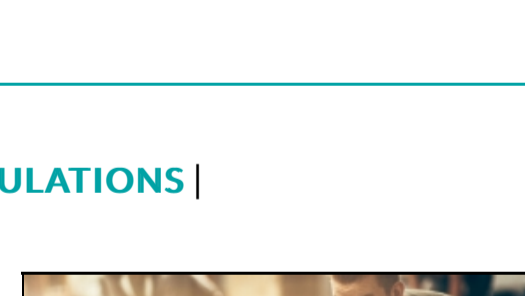


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AHPA Sports Nutrition Congress to Feature Former NFL Linebacker David Vobora

The American Herbal Products Association also announced a discount code on registration fees until Oct. 5.

09.29.20



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Vealinosil and Whey Research Combined Shown to Increase Performance Outcomes

Study indicated patented chromium ingredient from Nutrition21 + whey protein offered benefits beyond protein alone.

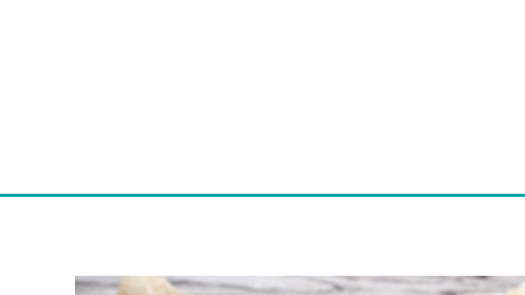
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ErgoActive® Ergothioneine I A Key Ingredient for Healthy Aging

Ergothioneine is a potent antioxidant that combats oxidative stress and cellular imbalance that contribute to cell damage.

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Cranberry Formulator Fruit d'Or Discusses New FDA Qualified Health Claim

The new qualification provides advantages to formulations containing whole cranberry fruit powder.

09.22.20

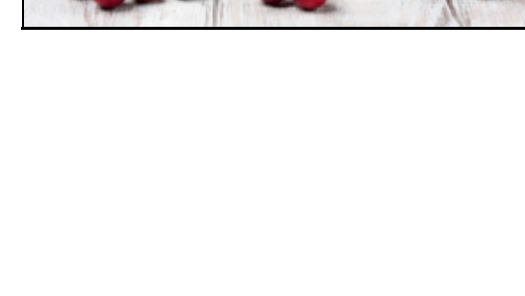


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GOED Publishes Meta-Analysis on Omega-3s and Cardiovascular Outcomes

The review qualifies 40 trials, representing more than 135,000 participants.

09.22.20

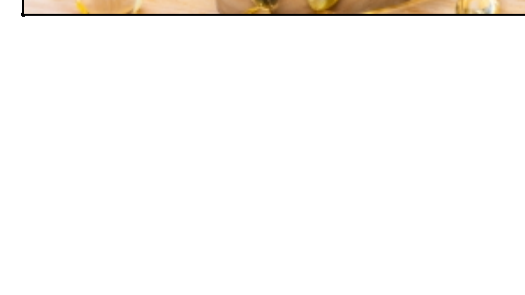


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Hydroxytyrosol Supplement Shown to Reduce LDL Cholesterol

This antioxidant, found naturally in olives, has been associated with a number of positive cardiovascular health parameters in both natural and extract forms.

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