

Nutrition21

FOR IMMEDIATE RELEASE

NUTRITION 21 ANNOUNCES THE PRESENTATION OF A PRECLINICAL EVALUATION OF THE EFFECT OF NITROSIGINE® ON INFLAMMATORY MARKERS AND ARTHRITIS AT THE RENOWNED EXPERIMENTAL BIOLOGY 2017 ANNUAL MEETING

Nitrosigine® Supplementation Effective in Reducing Inflammation Associated with Joint Health

PURCHASE, NEW YORK – APRIL 25, 2017 – Nutrition 21, LLC (“Nutrition 21”) is proud to announce the presentation of new preclinical study results supporting Nitrosigine® bonded arginine silicate (ASI), titled, “Effect of Bonded Arginine Silicate on Inflammatory Markers and Arthritis.” The study was presented on April 23rd, 2017 to scientists and other professionals at the acclaimed Experimental Biology 2017 annual meeting and the abstract will be published in the Federation of American Societies for Experimental Biology Journal (FASEB).

The study demonstrated that Nitrosigine bonded arginine silicate supplementation significantly improved markers of inflammation and overall arthritis and inflammation score over the arthritic control group and the arginine + silicate + inositol group. These results demonstrate that Nitrosigine may be effective in reducing inflammation and that the Nitrosigine complex is more effective than a combination of the individual ingredients. Nitrosigine may also be of physiological benefit to athletes and fitness enthusiasts concerned with joint health and inflammation and to those experiencing joint pain due to inflammation.

Nitrosigine is a sports nutrition ingredient that has been clinically shown to provide efficacious levels of arginine and silicon, reduce markers of muscle damage, and increase nitric oxide levels among other sports nutrition endpoints. This preclinical study was designed to evaluate the potential of Nitrosigine to reduce inflammatory markers and promote joint health, important endpoints to athletes, fitness enthusiasts and people with joint pain due to inflammation.

James Komorowski, MS, CNS, Vice President, Scientific & Regulatory Affairs of Nutrition 21 commented, “We are extremely pleased with the presentation of these impressive results, showing Nitrosigine supplementation significantly improved markers of inflammation associated with joint health and inflammation. These results continue to enhance our knowledge of the positive effects of Nitrosigine supplementation.”

“This additional scientific evidence further supports the significant consumer benefits of Nitrosigine. Leading sports nutrition companies continue to recognize the unique value of our ingredient Nitrosigine, and formulate it into their workout products. Consumers should look for the Nitrosigine logo on workout products to get more out of their fitness training,” said James Kahn, Executive Director of Sales at Nutrition 21.

Consumer benefits directly linked to Nitrosigine supplementation have been clinically substantiated, including:

- Nitrosigine is a safe, bioavailable source of arginine and silicon
- Nitrosigine significantly enhances blood arginine levels for up to 6 hours[^]
- Nitrosigine significantly increases silicon levels for up to 1.5 hours[^]
- Nitrosigine boosts key factors for increasing blood flow[^]

- Nitrosigine increases energy quickly and safely
 - Nitrosigine dramatically improves mental acuity and focus
 - Nitrosigine increases muscle volume[^]
 - Nitrosigine reduces muscle damage from exercise
- [^]Results compared to baseline

About Experimental Biology 2017

Experimental Biology is the annual meeting of six societies comprised of more than 14,000 scientists and 50 guest societies. Primary focus areas include anatomy, biochemistry and molecular biology, investigative pathology, nutrition, pharmacology, and physiology. EB 2017 is open to everyone with interest in the latest research impacting life sciences. Attendees represent scientists from academic institutions, government agencies, non-profit organizations and industry. This multidisciplinary, scientific meeting features plenary and award lectures, workshops, oral and posters presentations, on-site career services and exhibits spotlighting equipment, supplies and publications required for research labs and experimental study.

For more information about Experimental Biology, please visit: www.ExperimentalBiology.org

About the Federation of American Societies for Experimental Biology (FASEB) Journal

FASEB represents over 120,000 researchers across 27 member societies. The FASEB Journal is one of the world's most cited biology journals. It is a preferred venue for the latest research reports and reviews of epigenetics, iRNA mechanics, histone acetylation, nitric oxide signaling, eicosanoid biochemistry, angiogenesis, tumor suppressor genes, apoptosis, cytoskeletal function, and human stem cell research. The journal publishes peer-reviewed, multidisciplinary original research articles, as well as editorials, reviews, and news of the life sciences.

For more information about the Federation of American Societies for Experimental Biology, please visit: www.FASEB.org

About Nitrosigine[®]

Nitrosigine, a patented complex of bonded arginine silicate with FDA New Dietary Ingredient (NDI) notification status; affirmed Generally Recognized As Safe (GRAS) at the level of 1,500 mg per day for use in nutritional bars and beverages. Nitrosigine is scientifically engineered to boost nitric oxide levels. The Nitrosigine complex bonds arginine and silicate – unlocking powerful synergistic effects. Nitrosigine is a safe, non-stimulant, effective ingredient that is easy to formulate into new and existing products for sports nutrition, men's health and cardiovascular health.

For more information, please visit: www.Nitrosigine.com

About Nutrition 21, LLC

Nutrition 21, a wholly owned subsidiary of JDS Therapeutics, is a leader in the nutritional supplement industry. With many years of biotechnology and pharmaceutical experience, the Company's scientific platform has created unique, patented products that are safe and clinically effective. Rigorous preclinical and clinical trials are a key part of its product development strategy to ensure product safety and consumer trust. Nutrition 21 currently holds over 100 domestic and international issued and pending

patents for products. Many support unique claims associated with, among others, glucose metabolism, weight management, cognition, and sports nutrition.

The Company is a developer and marketer of efficacious, high-value, clinically substantiated ingredients for dietary supplements, medical foods and beverages. Nutrition 21's branded ingredients include: Velositol[®] amylopectin chromium complex, clinically shown to double the effects of whey protein -- significantly increasing muscle protein synthesis, the key to muscle growth; Chromax[®] chromium picolinate, with clinically substantiated benefits for glucose metabolism, weight management, and brain health; Nitrosigine[®] bonded arginine silicate, is clinically shown to significantly boost nitric oxide levels supporting mental acuity/focus and sports nutrition. Nitric oxide is a key factor in promoting the relaxation of smooth muscle in blood vessels, increasing blood flow to working muscles.

For more information, please visit: www.Nutrition21.com

Contact Information

James Komorowski, MS, CNS
Nutrition 21 LLC
Vice President, Scientific & Regulatory Affairs
914-701-4519
jkomorowski@Nutrition21.com

Jim Kahn
Nutrition 21, LLC
Executive Director of Sales
914-701-4500
jkahn@Nutrition21.com

END

© 2017 Nutrition 21, LLC Chromax[®], Nitrosigine[®], and Velositol[®] are registered trademarks of Nutrition 21, LLC
Nutrition 21, LLC, 1 Manhattanville Road, Suite 104, Purchase, New York 10577-2197

Source: Nutrition 21, LLC
DRA988042417