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BLS predicts robust activity for its D-Ribose after receiving EFSA novel food safety authorization

Major international companies have eagerly anticipated this energy ingredient's approval

News that the European Food and Safety Authority (EFSA) has announced and published the novel food authorization for Bioenergy Ribose is being met with significant excitement. Formulators can now use this clinically proven energy ingredient in nutritional foods and beverages sold in Europe. This novel food authorization is in addition to D-ribose use in dietary supplements, which is grandfathered in with a much higher allowable dose.

"Earning novel food authorization, especially in the energy category, is reason to celebrate! Many major companies have been eagerly anticipating this approval," confirms Bioenergy Life Science CEO and Chairman Leo Zhang. "This is also great news for international companies already using Bioenergy Ribose in the U.S., as they can now use it in their European formulations. We expect to see functional foods and beverages made with Bioenergy Ribose to reach European consumers very quickly."

In its novel foods confirmation, EFSA wrote: "The main source of intake of the novel food from the proposed uses were: fine bakery wares, the highest contributors in all population groups; milk drinks, high contributors in all population groups apart from infants; and sports, isotonic and energy drinks, which were high contributors in adolescents, adults and the elderly." The panel noted that the acceptable level of intake is 36mg/kg of body weight per day. However, the level in dietary supplements exceeds this limit.

"This was a long time coming. Achieving a place on the EFSA novel foods list requires a rigorous approval process. This is an important milestone for our company. We are gratified that the panel agreed with the significant science we submitted demonstrating the benefits and safety of Bioenergy Ribose," commented Bioenergy Life Science Director of Marketing Penny Portner. She noted that Bioenergy Ribose has a five-year novel food exclusivity.

Bioenergy Ribose is clinically proven to increase ATP

Bioenergy Ribose, a 5-carbon monosaccharide, works by regulating the body's natural energy synthesis. It helps muscles regenerate lost energy, and to reduce muscle soreness. Think of it as helping to level your body's energy supply versus its demand for energy.

"We are already receiving a lot of positive feedback from formulators who can finally use Bioenergy Ribose. When you think of energy, most people think of a variation of caffeine or other form of stimulant. Bioenergy Ribose supplies sustainable cellular energy with no crash, "

explains Bioenergy Life Science Executive Vice President and Chief Scientific Officer Alex Xue, Ph.D. "Ribose is naturally present in every living cell but the process to produce it is very slow, especially in the heart and muscle tissues. Bioenergy Ribose drives the process that replenishes ATP and other energy components." He adds that athletes frequently seek increased levels of ATP to produce sustained cellular energy for strength, power and/or endurance. Increased ATP also helps non-athletic individuals adapt to physical activities or exercise.[1]

Bioenergy Ribose has more than 30 issued or pending patents, and its benefits are documented by more than 110 clinical studies. Its safety is evidenced by its GRAS status (including a "no questions letter" from the FDA). Bioenergy Ribose also meets or exceeds many quality standards that include Grade-A Level Certification from the BRC and kosher certification. It's also non-GMO and gluten-free.

To review the clinical studies and applications, and to find additional information on formulating with Bioenergy Ribose, visit www.BioenergyRibose.com or www.bioenergylifescience.com.

Media Note: For additional information or to schedule an interview, contact Media Relations Agency at 952-697-5220.

1. *Journal of International Society of Sports Nutrition*; The influence of D-ribose ingestion and fitness level on performance and recovery

Biography: Leo Zhang
Mr. Zhang graduated from Syracuse University (SU) with a Master of Science and SU Graduate Fellowship. He was a member of Phi Beta Delta and Materials Research Society. He serves as CEO and Chairman of Bioenergy Life Science, Inc. since 2011, and worked for companies or organizations such as SONY, KLA/Tencor, Tsinghua, etc. previously.

Biography: Alex Xue, Ph.D.
Dr. Xue got his Ph.D. in microbiology from the University of Minnesota. He is a pioneer in synthetic biology of natural products. His research was continuously supported by NIH grants. He has co-authored over a dozen original research articles in the field and held seven US and international patents. Among many prestigious awards he has received, are Schering-Plough Young Investigator Award from Society for Industrial Microbiology and Biotechnology (SIMB) and Dennes W. Watson research fellowship from Minnesota Medical Foundation. Dr. Xue has been the chief scientific officer for D-ribose related development since 2005. He serves as the executive vice president and chief scientific officer of Bioenergy Life Science since 2011.

Biography: Penny Portner, M.A.
Penny Portner earned her bachelor of science degree in business management and marketing at the University of Maryland University College and her Masters of Arts from the University of St. Thomas. She has been with Bioenergy Life Science, Inc. (BLS) for 12 years where she began as the Clinical Sales Manager for their dietary supplement and medical food line, Corvalen. She then became the marketing manager for the Corvalen products, and finally the Director of

Marketing for both the consumer product and bulk ingredient business. Ms. Portner's marketing experience also includes positions with UnitedHealthcare, McKesson Corporation and Haworth, Inc. After a brief departure from the industry, Ms. Portner returned as the Director of Marketing in 2012. Considered an industry leader and expert, her marketing efforts have been recognized by the industry in the form of awards for ad design and impact.