

News Release

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BASF launches PeptAlde in sports nutrition with state-of-the-art technology to modulate inflammation

Singapore – November 6, 2018 – BASF launches [PeptAlde™](#), a sports nutrition ingredient containing a unique set of plant-based peptides identified using artificial intelligence (AI), for regulating inflammation. With industrial-scale production in Germany, PeptAlde is now available in the United States. Commercialization will follow in Asia Pacific and Europe by 2019. BASF is also currently performing regulatory clearance to allow access to other key markets.

PeptAlde was developed as part of a collaboration between BASF and Nurtitas™ to discover new bioactive peptides to meet evolving consumer needs. BASF has been granted an exclusive license to commercialize these peptides. Nurtitas used AI to identify PeptAlde's new generation of peptides unlocked from rice protein. Peptides are biologically occurring short chains of amino acids, with some acting as potent signaling molecules in the body.

Inflammation is a key concern of active people as it may restrain their ability to continue with physical activity. Initiated by feelings of discomfort, inflammation is regulated by the secretion of a complex network of cytokines, which contributes to a fundamental response to injury and regulates recovery in the body. BASF research indicates that consumption of PeptAlde affects cytokine release and has immune-modulating properties in consumers, potentially supporting physiological benefits after exercise. PeptAlde is vegan and does not use allergen materials. It also delivers a natural taste profile for flexible use in various sports nutrition formats.

“Our research has shown that consumers today are seeking innovative, plant-based solutions to help them better manage sports-related inflammation,” said Tina Low, Vice President, Business Management BASF Human Nutrition. “PeptAlde’s unique properties will resonate very well with active consumers and enable our customers to take sports nutrition to the next level.”

PeptAlde will be presented at SupplySide West in Las Vegas, Nevada from 6 to 10 November 2018. We look forward to welcoming you at our [lunch briefing session](#) or at the BASF booth number 4847 to learn more. As a market leader in the human nutrition industry, BASF offers a broad portfolio of essential nutrients including vitamins, carotenoids and high concentrate omega-3 fatty acids.

About BASF’s Nutrition & Health division

BASF Nutrition & Health provides a comprehensive product and service portfolio for the human and animal nutrition, pharmaceutical, ethanol and flavor & fragrance industries. With innovative solutions and modern technologies, we help our customers improve their business efficiency and the sustainability of their products. Our human nutrition solutions include vitamins and carotenoids, plant sterols, emulsifiers and omega-3 fatty acids. Vitamins and carotenoids also form an important part of our animal nutrition portfolio, as do other feed additives such as trace elements, enzymes and organic acids. We provide the pharmaceutical industry with a broad range of excipients and selected large-volume active pharmaceutical ingredients such as ibuprofen and omega-3 fatty acids. Leveraging our advanced technology, we create high performance industrial enzymes for different markets, such as ethanol production. Furthermore, we offer aroma ingredients such as citral, geraniol and L-menthol. BASF Nutrition & Health operates sites in Europe, North America, South America and in Asia-Pacific. For more information, go to www.basf.com.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The more than 115,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into four segments: Chemicals, Performance Products, Functional Materials & Solutions and Agricultural Solutions. BASF generated sales of more than €60 billion in 2017. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at www.basf.com.