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Canada's CULT Food Science launches world's first Animal-Free Collagen enhanced pet food

12 April 2023 | News

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North American firm CULT Food Science Corp.,Â a pioneer in the investment, development, and commercialization of cellular agriculture technologies and products has partnered with JellaTech to launch a line of collagen enhanced pet foods under the Indiana Pets brand created by CULT.

The partnership between CULT and Jellatech is expected to have a significant impact on the pet food industry and the environment. With a commitment to sustainability and ethical production methods, CULT is paving the way for a more humane future for the pet food industry. JellaTech focuses on making animal-free functional, native collagen.

Producing collagen in a lab also offers significant environmental benefits compared to traditional animal-based sources. Animal-based collagen production involves slaughtering animals and processing their skin and bones to extract collagen. This process results in significant environmental impacts, such as greenhouse gas emissions, water use, and land use.

With cell-cultured collagen, Indiana Pets can deliver wholesome, premium nutrition to dogs, with lower environmental impact. Collagen is a vital protein that plays a significant role in maintaining the structural integrity of our bodies. It is found in our bones, skin, tendons, and cartilage, among other tissues, and provides support, elasticity, and strength. Collagen production decreases with age, leading to the loss of skin elasticity, joint pain, and other age-related ailments.

Collagen has been shown to benefit dogs with mobility issues, including osteoarthritis. This high purity, tier-1 collagen, is formulated specifically for active and senior dogs. As pets age, they may experience joint pain, stiffness, and reduced mobility. Supplementing their diet with collagen can help support joint health and improve mobility, allowing them to live a more comfortable and active lifestyle.

In addition, collagen has been shown to promote gut health by strengthening the intestinal lining and reducing inflammation. Given its many benefits, collagen has become increasingly popular across a wide range of industries, including biomedical, health, personal care & beauty, materials, and food & beverage.

Collagen produced through cellular agriculture allows for a more sustainable, smarter high quality collagen that breaks the cycle of relying on an inefficient and unethical supply chain of live animals.

Jellatech recently announced multiple achievements, including the successful development of a full length, triple helical, bio-identical and functional human collagen made from their own proprietary cell line. Jellatech has also showcased cell-based bovine collagen.