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Korea's CJ Food & Nutrition Tech reinforces R&D leadership to boost alternative protein supply

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Appoints of Minhthy Nguyen as R&D Chief Technology Officer



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CJ BIO, a South Korean biotechnology and solution company, is a subsidiary of CJ CheilJedang, the leading food and biomaterial company. By utilizing the advanced research and development capabilities in bio-based materials and microbes, CJ BIO aims to strengthen its Plant Nutrition & Health (PNH) business and expand its strategic partnerships in the agricultural industries.

Dr. Minhthy Nguyen, Ph.D., has been appointed as the new Chief Technology Officer for Research and Development of CJ Food & Nutrition Tech. Dr. Nguyen will be the key leader in research & development, which includes alternative and cultured protein.Â Â

The appointment of Dr. Nguyen serves as a reaffirmation that CJ Food & Nutrition Tech is poised to align its business strategy with global food and nutrition trends, consumer needs, and cutting-edge technological innovations.

CJ BIO has used fermentation technology and strain development for more than 60 years to develop microbial products that are extremely effective within a short period of time. By utilizing CJ BIO's extensive microbial library and advanced automated systems, such as the robot-arm, "HTS" (High-throughput Screening), specific functions can be efficiently selected. CJ BIO's fermentation, plant and biological data scientists have used these systems to screen powerful microbes that can replace chemical fertilizers and pesticides.Â

Furthermore, they developed large-scale fermentation systems and developed high-cell density microbial products. In addition, they have created strains that perform better in the field due to optimization. Meanwhile, various international research institutions, including some from South Korea, are conducting large-scale field evaluations.