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ADM and Brightseed launch global partnership to decode impact of gut microbiome on human health

To bring forward science-backed solutions that empower consumers toward proactive and individualised health

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US-based firm ADM, and Brightseed, the bioactives company and a World Economic Forum Global Innovator, have announced a global joint partnership to develop evidence-based functional synbiotic products that target microbiome optimisation with an undisclosed investment. ADM is leveraging Brightseed's artificial intelligence (AI) platform, Forager, to decipher the molecular interactions between dietary plants and gut microbes, and their potential impact on human health.

There is a surge of interest in nutrition science on the role of synbiotics for precision gut health benefits, a category of gut health solutions in the form of food and supplements which combine probiotics (health-beneficial microbial strains) with prebiotics (non-digestible fibres that help these bacteria grow and plant substrates that microbes convert to health beneficial compounds).

Brightseed's Forager AI discovers bioactives in plants and maps them to specific modes of action at a rate and accuracy that was previously impossible, providing insights into biological changes that can occur at the cellular level. ADM and Brightseed aim to launch highly efficacious synbiotics in specific health areas as functional ingredients for foods and beverages, dietary supplements, and medical foods by 2025.

Read online: https://nuffoodsspectrum.in/news/11/19986/adm-and-brightseed-launch-global-partnership-to-decode-impact-of-gut-microbiome-on-human-health.html
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