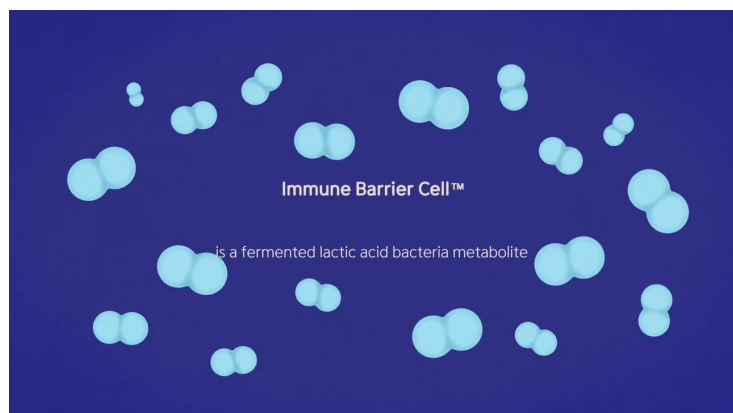


Korea's AndKwan Natural Science develops organic antibacterial preservative

30 November 2023 | News

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South Korea-based AndKwan Natural Science Inc. announced that it has succeeded in developing a new organic antibacterial preservative and an antibiotic composition with its parent company, White Tiger Ground LLC.

The name of the new substance is WTGPhLATM, and it can be used in everything from cosmetics to food, health functional foods, and pharmaceuticals. According to Kwanyoung Park, CEO of AndKwan Natural Science Inc. the new material will be distributed worldwide under the trade name 'Immune Barrier Cell™'. Immune Barrier Cell symbolises the antibacterial and immune effects among the various effects of WTGPhLATM.

According to ANDKWAN, the motivation for developing WTGPhLATM is due to chemical preservatives' side effects, decreased efficacy caused by resistance to commonly used antibacterial (antibiotic) and preservative agents and the frequent emergence of super bacteria. In particular, the demand for 'organic bio antibacterial preservatives' has emerged as a major issue and is rapidly growing for both the natural environment and people, especially in Western countries such as Europe and the United States.

WTGPhLATM is an organic antibacterial preservative that has a highly effective antibacterial spectrum against pathogenic strains such as Staphylococcus aureus, pneumonia, Escherichia coli, and black mould and has passed preservative and antibacterial tests from the international KOLAS-certified testing and analysis agency. In addition, it has been certified by the international KOLAS agency as having an antibacterial effect of 99.99 per cent against special strains of acne bacteria, dandruff bacteria, and scalp inflammation, seborrheic dermatitis bacteria that cause hair loss.

CEO Park explained that WTGPhLATM (Immune Barrier Cell™) is attracting attention not only for their antibacterial and preservative efficacy but also for their patented, eco-friendly production process. This new eco-friendly production technology of ANDKWAN minimizes process steps, reducing carbon emissions and improving production efficiency by 4.3 times compared to the existing world-class technology.