



naturesintelligence

Cosmeceutical Synbiotic

A multifunctional Synbiotic Ingredient for Topical
and Oral Applications

Product Story



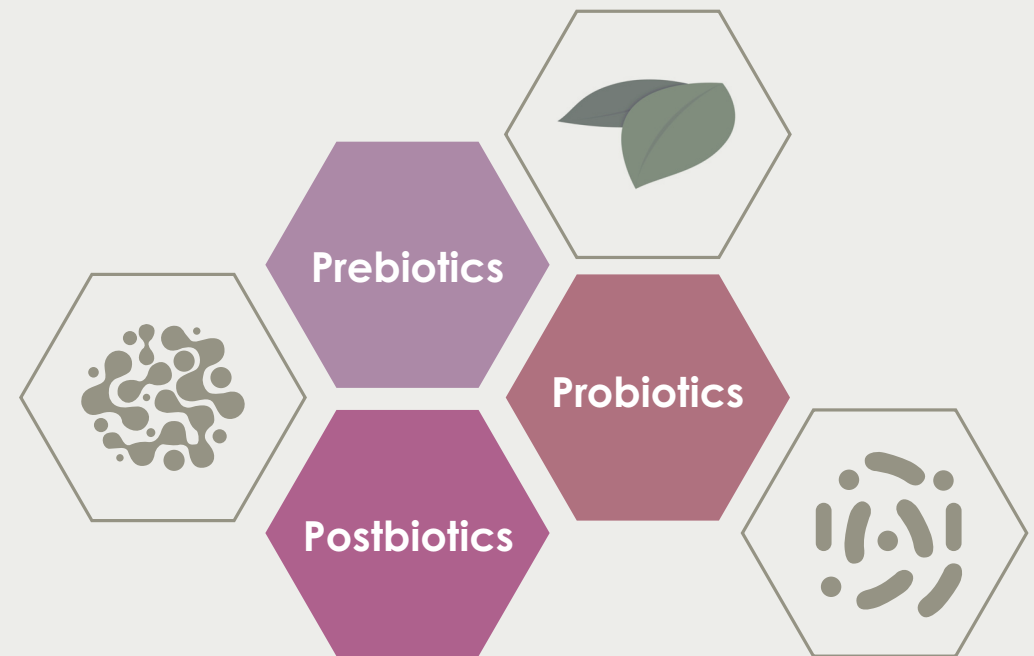
Introduction

Unveiling: The dual-action synbiotic solution to ageless beauty inside and out.

Bio-az Cosmeceutical Synbiotic (BACS) is a ground-breaking, multifunctional synbiotic blend, developed by Bio-az after years of research and collaboration with microbiologists, skin health practitioners, and skincare enthusiasts.

Bio-az Cosmeceutical Synbiotic ingredient provides optimisation designed to fortify and rebalance the skin's microbiome.

Multifunctional, it is designed for topical and oral application, effectively harmonising both the internal and external microbiome to enhance skin health and vitality.



Bio-az Cosmeceutical Synbiotic's Uniqueness:

A world-first for products containing live microorganisms, BACS remains stable and viable in ambient temperatures for up to two years whilst retaining complete integrity when ingested or topically applied.

Multifunctionality: Bio-az Cosmeceutical Synbiotic delivers ground-breaking scientific technology that blends live probiotic microorganisms, prebiotics, postbiotics and plant-based anti-inflammatory elements, to create a comprehensive solution for the skin and gut.

Versatility: It is designed for both oral and topical use, unlocking a multitude of applications, from skincare products to food and beverage items.

Stability: Using Bio-az's patented methodology, Bio-az Synbiotic Cosmeceutical ingredients exhibit remarkable stability, uniquely able to withstand the rigours of manufacturing processes, a wide range of temperatures and diverse pH levels. BACS is unique in its category with applicability across dry and wet skincare, food and beverage products.

Quality Compliance: The raw materials integrated into Bio-az Cosmeceutical Synbiotic adhere to either FCC or USP standards, delivering quality and safety assurance for consumers. These materials are meticulously produced within facilities that are both HACCP and GMP certified.

Effectiveness: Significant research and trials provide evidence that BACS has been proven effective in balancing both the skin and the gut microbiome leading to a range of enhancing benefits.



Bio-az Cosmeceutical Synbiotic Elements

Bio-az Cosmeceutical Synbiotic is a synergistic blend crafted to complement and enhance each individual element, offering a unique contribution for gut and cutaneous health.



Pre-Prep Catalyst: Terminalia Chebula

Accredited in Ayurvedic medicine, it is known as 'The King', boosting a plethora of beneficial bio-active compounds.

Probiotic: Bacillus subtilis

Plays a fundamental role in the induction, training and function of the host metabolism, immunity and response to infection. Identified with over 24 distinct natural antibiotics.

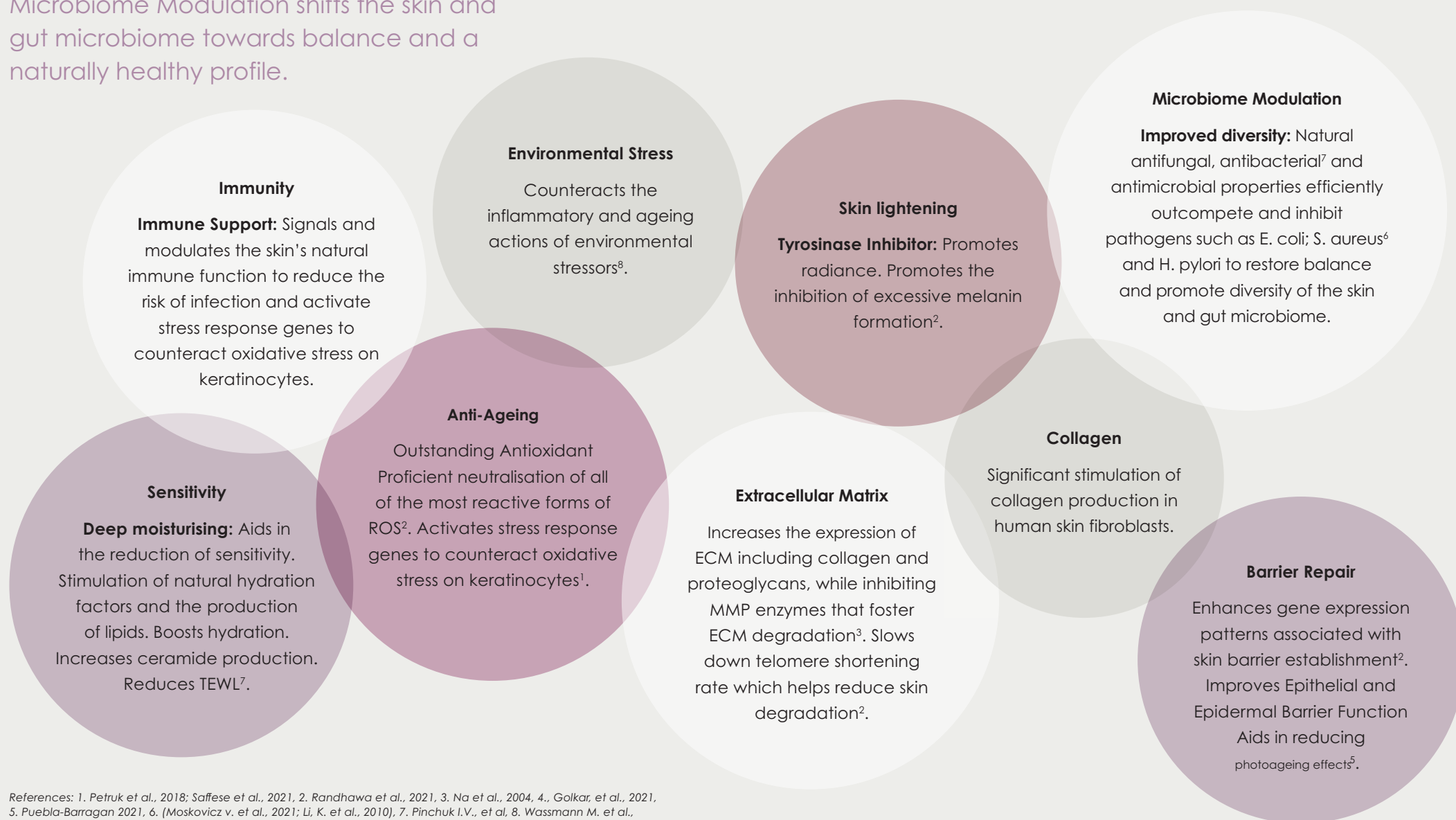
Postbiotic: Lactobacillus Plantarum

Releases beneficial metabolites that have a profound effect on the gut-skin axis, that have been shown to upregulate production of hyaluronic acid and increase ceramide levels.

Prebiotic: Inulin

Sourced from Chicory Root, promotes the growth of beneficial bacteria and helps them to thrive, strengthening the skin barrier.

Microbiome Modulation shifts the skin and gut microbiome towards balance and a naturally healthy profile.



References: 1. Petruk et al., 2018; Saffese et al., 2021, 2. Randhawa et al., 2021, 3. Na et al., 2004, 4., Golkar, et al., 2021, 5. Puebla-Barragan 2021, 6. (Moskovicz v. et al., 2021; Li, K. et al., 2010), 7. Pinchuk I.V., et al, 8. Wassmann M. et al., 2012

The background of the image features three translucent, rose-gold spheres. Each sphere contains a detailed molecular model, likely representing a protein or a complex organic molecule. The spheres are arranged in a diagonal line from the top left towards the bottom right. They are resting on a surface that appears to be a crystalline or molecular lattice, with hexagonal patterns visible. The lighting is soft and warm, creating a sense of depth and highlighting the textures of the spheres and the surface.

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