



# Photobiome™

## The Microbiota Photoprotector



An active that fights microbial-induced photoageing by modulating the relation between skin microbiota and solar radiation

The Sun-Microbiota-Skin axis

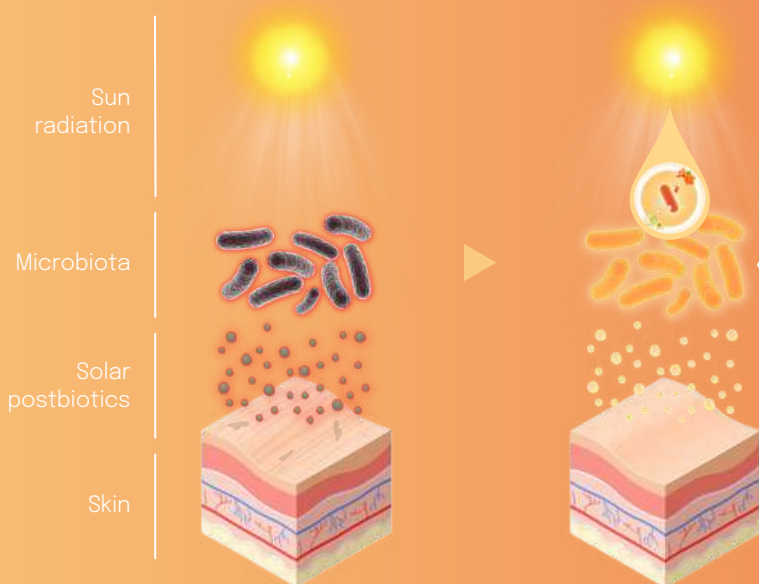
A new category of Microbial Antioxidant

New microbiota pathway to fight skin photoageing



**FIRST BLENDED ACTIVE**

*Punica granatum & Gossypium herbaceum stem cells*



### THE PHOTOBIOIME FACTOR

Skin microbiota interacts with the sun, impacting on the skin photoageing process.

Photobiome™ is a prebiotic that protects and nourish bacteria modulating its release of photo-defense molecules.

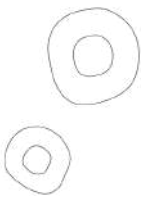
PHOTOAGED AND  
DAMAGED SKIN

PROTECTED AND  
REPAIRED SKIN

REQUEST  
A SAMPLE

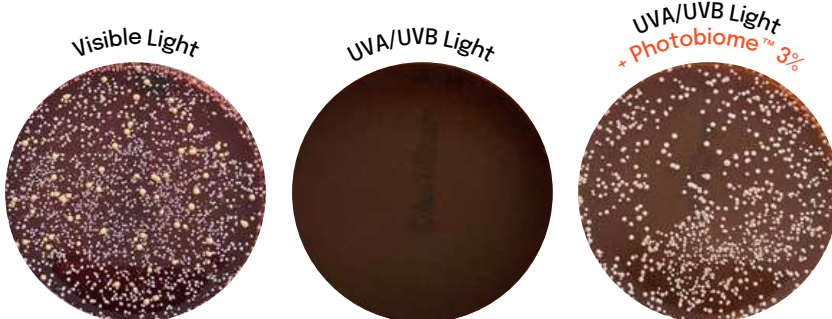


# Photobiome™ proven efficacy



## IN VITRO

### SKIN MICROBIOTA PHOTOPROTECTION



A single application of Photobiome™ before 60min radiation results in direct microbiota photoprotection of 43% compared to control.

**+43%** PROTECTION FROM SOLAR RADIATION

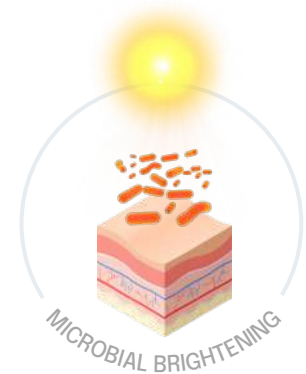
## IN VITRO

### MODULATION OF THE SOLAR POSTBIOTICS

Stimulating effect on the production of microbial antioxidants

Stimulating the generation of melanin-like pigments

Anti-inflammatory effect in keratinocytes



## IN VIVO

### IMPROVING SKIN CONDITION AND FIGHTING SKIN PHOTOAGEING

VOL. 20

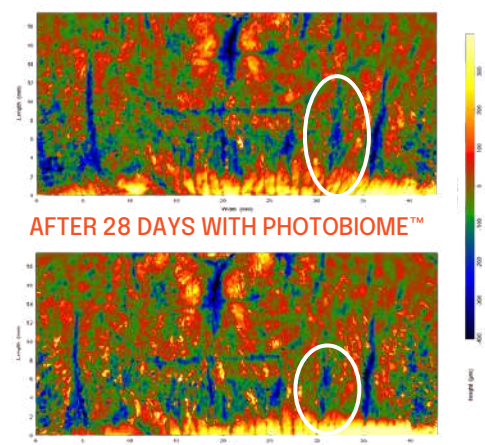


FIRMNESS & ELASTICITY INCREASE

REDUCING DARK SPOTS (ITA°) BY **-16%**



INITIAL TIME



REPAIRING SKIN FROM PHOTODAMAGE

BAR CODE WRINKLE REDUCTION **DOWN TO -18%**

## INCI (Active)

Gossypium Herbaceum (Cotton) Seed Extract, Punica Granatum Seed Extract, Trehalose, Fructooligosaccharides

## DOSAGE

1-3%

## FORMULATION

Dispersible in water and ethanol  
Incorporation during the cooling phase (<40°C)

