

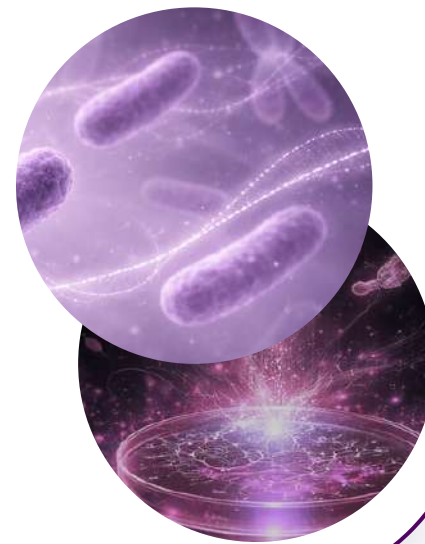
# postbiotic-powered skin longevity CYANAGE

**COBIOSEA**  
NATURALLY EFFECTIVE

**CYANAGE** is a next-generation **postbiotic active ingredient** obtained through advanced fermentation, designed to act on the **Hallmarks of Aging** and restore the skin's biological functionality.

By addressing aging as a system of **interconnected mechanisms**, it helps reactivate the skin's natural processes of regeneration, defense, and balance.

The result is visibly younger and healthier-looking skin: **reduced wrinkles, improved microcirculation**, and a noticeable **decrease in redness**, reflecting greater **skin resilience** from within.



FERMENTED BIOTECHNOLOGY

NATURAL ORIGIN CONTENT

100% ISO 16128

VEGAN INGREDIENT

**INCI**  
*Lactobacillus ferment lysate*

**SOLUBILITY**  
Hydrosoluble

**DOSE OF USE**  
1-3%

## EFFICACY TESTS

### IN VITRO

0,3% CYANAGE

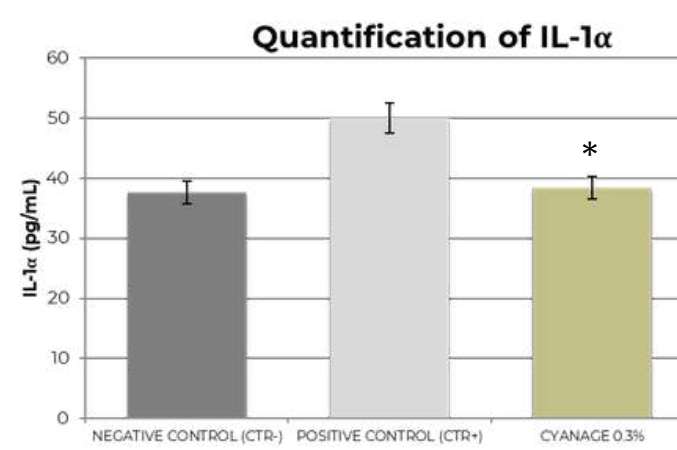
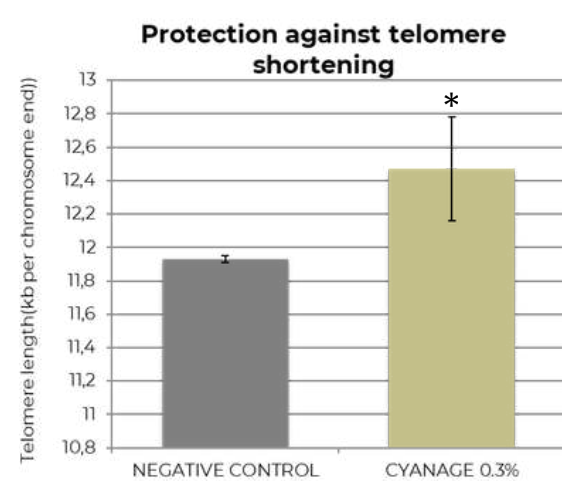
qPCR/ELISA

10 days

REDUCTION OF TELOMERE ATTRITION  
QUANTIFICATION IL-1 $\alpha$

**Telomeres** are specialized structures located at the ends of eukaryotic chromosomes that **gradually shorten with each cell division**. Progressive shortening of telomeres, limits cellular replicative capacity.

0,3% CYANAGE is capable of **protecting telomeres from the shortening associated with cellular ageing**, maintaining a greater length compared with the negative control.



**Chronic inflammation** refers to a persistent, low-grade state characterized by **prolonged activation of the pro-inflammatory response**. These, in turn, activate multiple downstream **pathways that contribute to skin aging**

0,3% CYANAGE reduces IL-1 $\alpha$  production in fibroblasts, thereby weakening SASP signaling and **limiting chronic low-grade inflammation**.

### IN VIVO

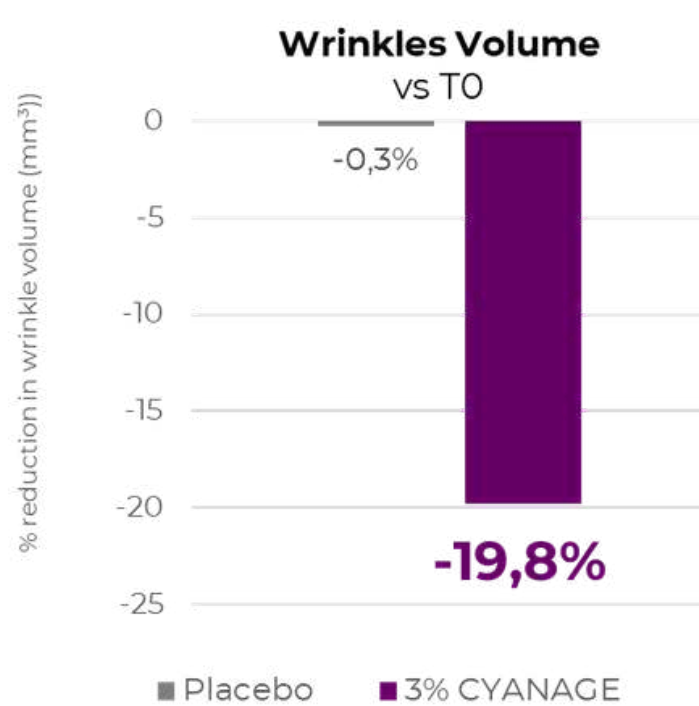
3% CYANAGE

Facial moisturiser

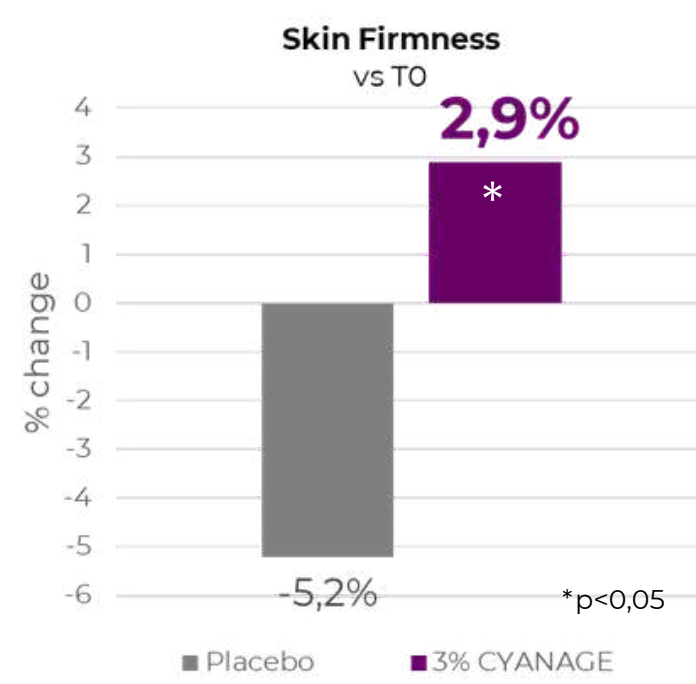
20 women  
45-65 years old

28 days  
2 applications/day

SKIN REJUVENATION

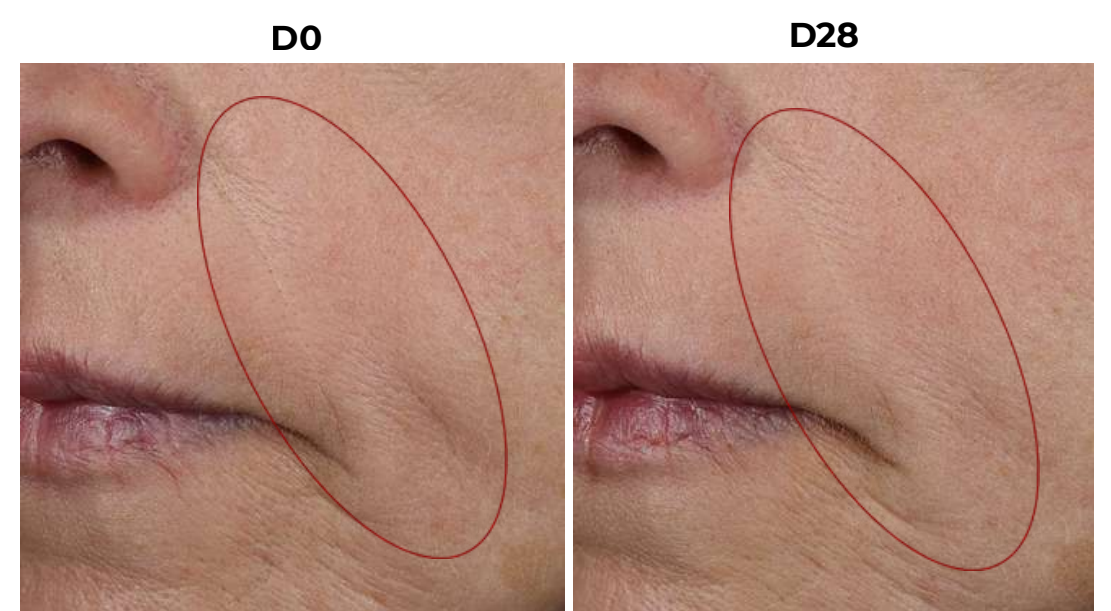


3% CYANAGE reduces wrinkles after 28 days, decreasing the **number of wrinkles by 14,2%** and their **volume by 19,8%**.



3% CYANAGE shows a tightening effect, increasing **skin firmness by 2,9%** and **elasticity by 2,4%**.

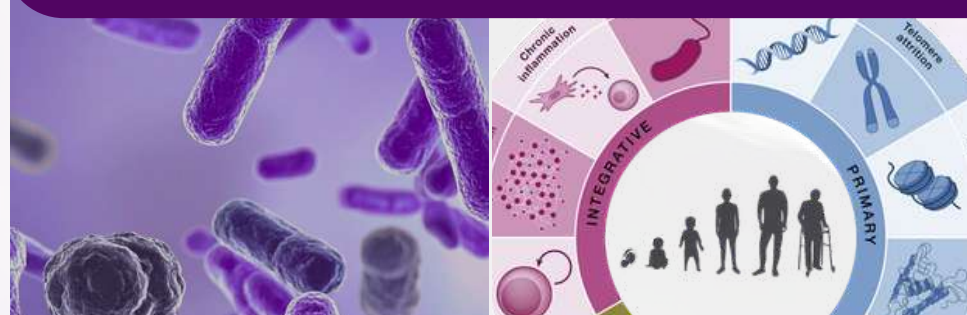
VISIA IMAGES VOLUNTEER 9 IMAGES



100%

MORE HYDRATED & SMOOTHER SKIN

## Marketing claims



POSTBIOTIC BIOTECH

ACTS ON THE HALLMARKS OF AGING



SKIN LONGEVITY



PROTECTION AGAINST TELOMERE SHORTENING



SKIN FIRMNESS & ELASTICITY



MORE INFORMATION