

# Beauty Begins with Balance

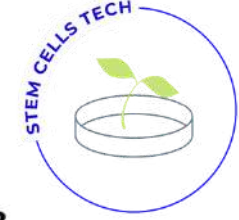
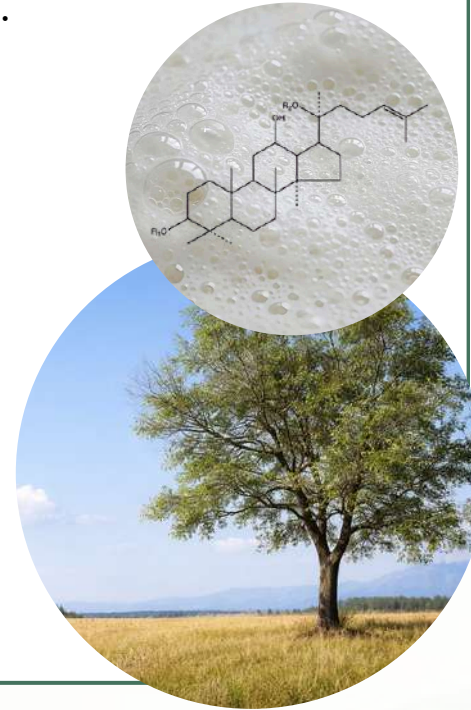
## BALANZZA

**COBIO SA**  
NATURALLY EFFECTIVE

**BALANZZA** is a **biotechnological extract derived from plant stem cell culture** of *Quillaja saponaria*, the soapbark tree, a Chilean species **naturally rich in saponins** known for its plant-based cleansing properties.

Through **induced metabolic processes**, the cultured cells generate a **complex bioactive profile** where **saponins** play a key role, supported by other **metabolites**, that deliver a **multi-target anti-dandruff solution, restoring scalp balance**

It **gently cleanses, modulates target microorganisms growth** while respecting the microbiota, and provides **antioxidant protection to the hair follicle**.



**INCI**

*Quillaja saponaria callus extract, glycerin*

**SOLUBILITY**

Hydrosoluble

**DOSE OF USE**

1-2%

### EFFICACY TESTS

#### IN VITRO

**1%/2% BALANZZA Time Kill Test** ⌚ T30seg, T1min, T3min

#### MODULATION OF TARGET MICROORGANISM GROWTH

**Malassezia furfur** Scalp yeast associated with dandruff and microbiome imbalance.

**>-99%**

reduction of *M. furfur*

PRODUCT	% MICROBIAL REDUCTION		
	30 sec	1 min	3 min
BALANZZA 1%	98,92%	99,07%	99,15%
HINOKITIOL 10%	99,19%	99,19%	99,52%

**Cutibacterium acnes**

Bacteria that may contribute to inflammatory processes and skin barrier disruption.

**-54,29%**

reduction of *C. acnes*

**Natural alternative against scalp microbiome dysbiosis.**

#### IN VITRO

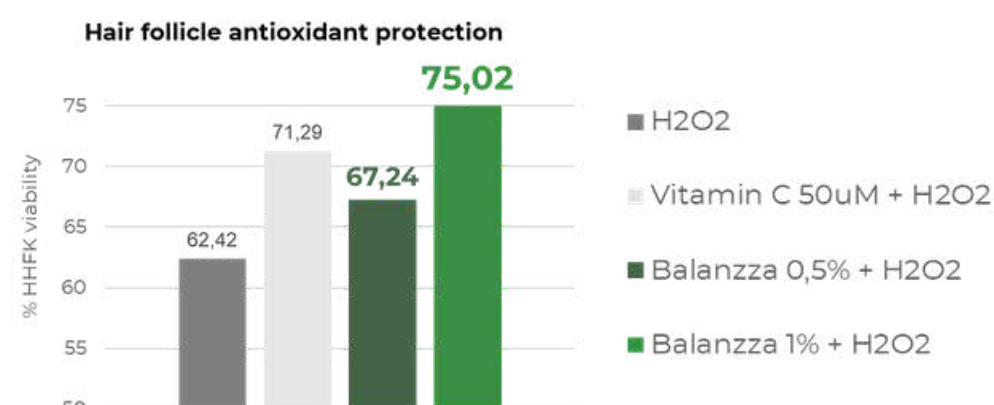
**0,5%/1% BALANZZA** HHFK cell culture (Hair follicle cells)

⌚ T24H

#### HAIR FOLLICLE ANTIOXIDANT PROTECTION

1. **BALANZZA** application
2. Treatment with **H2O2** after 24h

Comparison with **Vitamin C**



**BALANZZA protects hair follicle cells against oxidative stress**, matching and even surpassing the efficacy of vitamin C, one of the market's benchmark antioxidants.

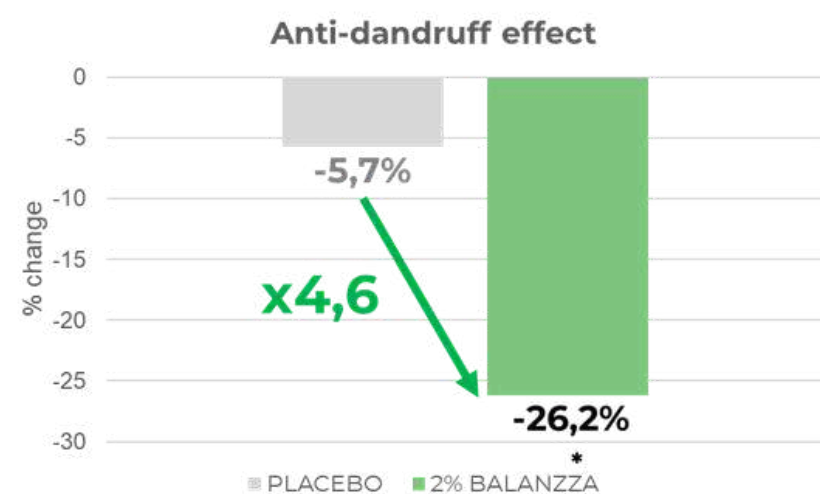
#### IN VIVO

**2% BALANZZA Shampoo** 31 volunteers ⌚ 28 days 1 application / day

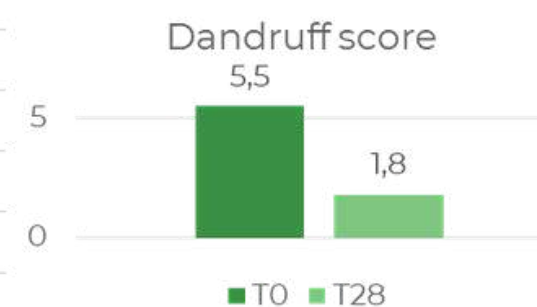
#### ANTI-DANDRUFF EFFECT

**DERMATOLOGICAL EVALUATION:** 4 measurements in different parts of each volunteer.

**SCORE 1-6:** Higher score indicates a higher level of dandruff



**Top panelist results:**



From **moderately severe** dandruff condition to a **very mild and sparse state**, almost absent.

**BALANZZA** shows a significant **anti-dandruff effect in just 28 days**.

### Marketing claims



**MULTI-TARGET ANTI-DANDRUFF TREATMENT**



**STEM CELL BIOTECH FOR SCALP BALANCE**



**TARGET MICROORGANISM MODULATION**



**HAIR FOLLICLE ANTIOXIDANT PROTECTION**



**SOFT AND NATURAL CLEANSING POWER**



**MORE INFORMATION**