

# Scalp-Biome new Scalp Microbiome Rebalancing

## INCI & CFDA

Lactobacillus ferment, Lactococcus ferment, Saccharomyces ferment, 1,2-Hexanediol

## Benefit

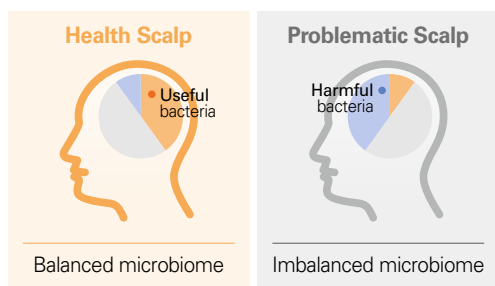
Scalp care, Scalp rebalancing

Maintaining balance of microbiome is very important. The scalp which with imbalanced of microbiome can cause various trouble at scalp. Scalp-Biome is the first scalp care microbiome ingredient to build big data directly and apply it to the product using significant statistics. Scalp-Biome helps to make health scalp with recover the imbalanced to rebalance of microbiome.

## New solution

### Microbiome balance of scalp

By various factors, harmful bacteria over-growth break scalp balance. It causes itching, dandruff, inflammation on scalp.



### Harmful bacteria on the scalp

- 

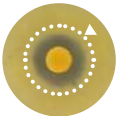




**Staphylococcus sp.**  
Induce inflammation on scalp
- 

**Malassezia sp.**  
Exfoliating, Causing dandruff & Hair loss and seborrheic dermatitis
- 

**Cutibacterium acnes**  
When the balance is broken, induce suppurative acne on scalp

### Rebalancing of Microbiome

Application of Scalp-Biome (with higher concentration, of 0.5 g/ml)

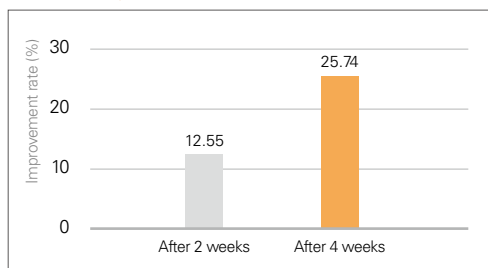
<i>Staphylococcus sp.</i>	<i>Malassezia sp.</i>	<i>Cutibacterium acnes</i>		<i>Lactobacillus sp.</i>	<i>Saccharomyces sp.</i>
					
Microbial inhibition support in scalp harmful bacteria				No effect on the growth of useful bacteria	

## Feature

### Clinical test : Scalp aging

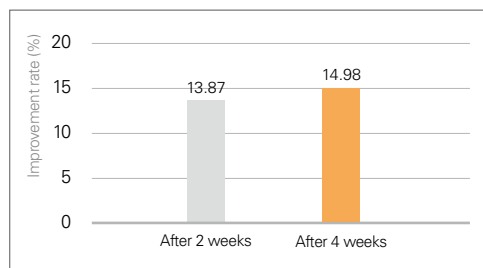
#### Scalp Elasticity Improvement

: 25.74% improvement after 4 weeks

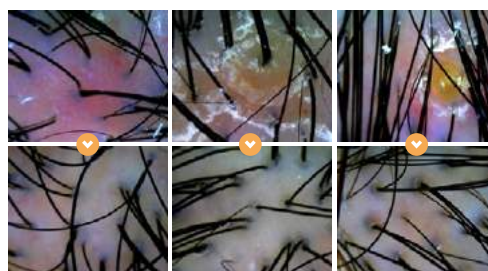


#### Anti-oxidant of scalp comeous

: 14.98% improvement after 4 weeks



### Scalp Color(Redness) In-house data



Staphylococcus sp., acnes were reduced    Staphylococcus sp. were reduced    Acnes were reduced 54%

### Scalp dandruff Improvement

: 17.63% improvement after 2 weeks

