



ProBeautyShield

Healthy skin starts
from within

Gut-Skin Axis

WINNER
NUTRA
INGREDIENTS
AWARDS 2024

WINNER
NUTRA
INGREDIENTS
AWARDS 2022

FINALIST
NUTRA
INGREDIENTS
AWARDS 2019



LP

L. plantarum
PBS067

LRh

L. rhamnosus
LRH020

LR

L. reuteri
PBS072

The probiotic complex for skin health

- › Targets skin balance from within through gut-skin axis interactions
- › Proven effects for acneic and atopic skin
- › Anti-inflammatory & antimicrobial activity
- › Self-production of Biotin and other B-group vitamins
- › Photoaging support

Dosage: 3B CFU/day (1B CFU/strain)

Treatment: Minimum 28 days

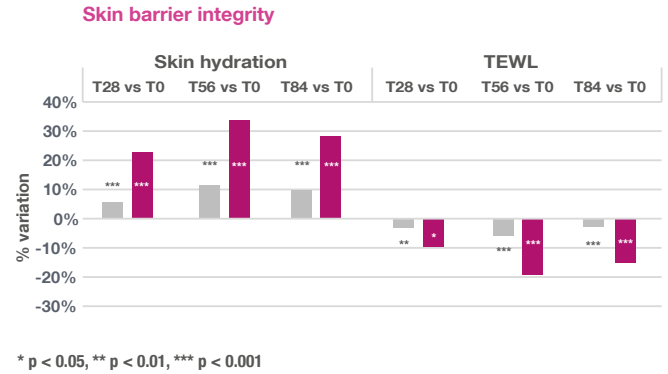
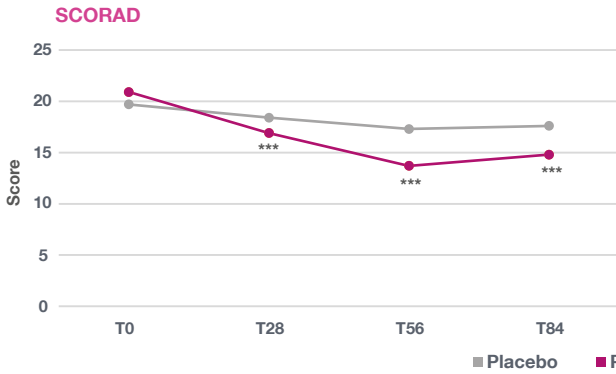
The probiotic complex for Skin Health & Beauty

✓ Clinical evidence on atopic dermatitis⁽¹⁾

• RDBPC including 80 male and female adults with mild to moderate AD (SCORAD 15-25). 8 weeks treatment (56 days) with 4-week follow-up. Assessments were conducted at T0, T28, T56, and at T84, clinical and instrumental evaluation were performed.

▶ ProBeautyShield was able to improve skin hydration by over 30% at the end of the treatment keeping a positive trend in the follow-up.

▶ Skin is more protected from dehydration with -20% of Transepidermal Water Loss (TEWL) at T56.



T0
Visible scaly eyelid



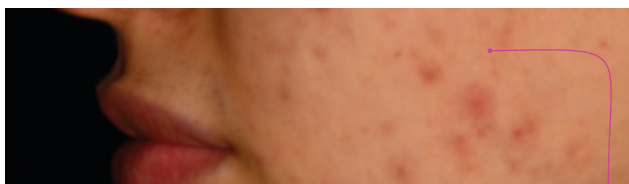
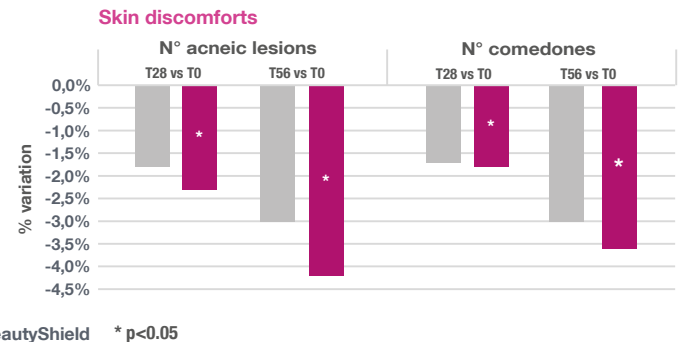
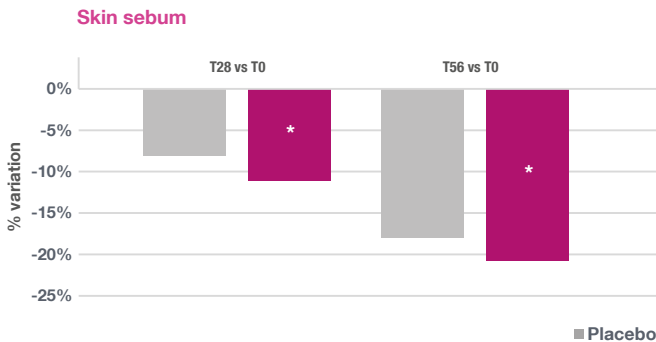
T84
Desquamation reduction

✓ Clinical evidence on acne in EMEA⁽²⁾

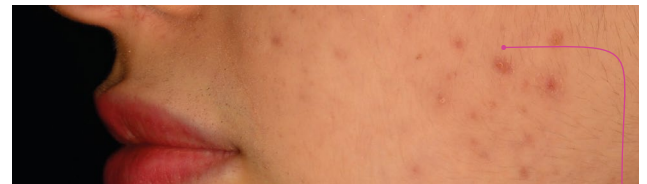
• RDBPC including 80 male and female adults (18-50) with acne severity from 1 to 3 according to IGA scale. 8 weeks treatment, checks are scheduled at T0, T28 and T56. Clinical and instrumental evaluation were performed. Both groups were using an active cosmetic formula during the treatment.

▶ ProBeautyShield remarkably reduced skin sebum in throughout all the study period.

▶ ProBeautyShield helped to consistently recover from clinical acne discomforts, reducing acneic lesion and comedones vs T0.



T0
Moderate acne severity



T56
Visible amelioration of skin complexion



ProBeautyShield

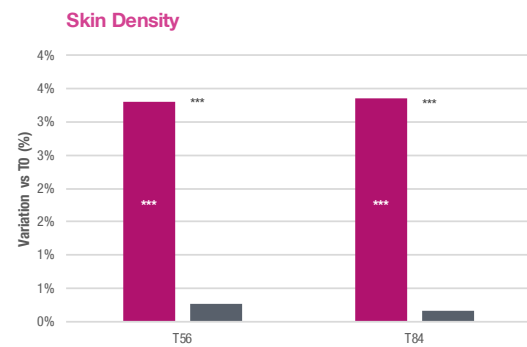
✓ Clinical evidence on mature skin⁽³⁾

• RDBPC including 66 healthy Caucasian subjects (40–65 years) presenting Crow's feet wrinkles and normal to dry skin. 8 weeks treatment (56 days) with 4-week follow-up. Evaluation of skin profilometry, moisturization and thickness and TEWL.

▶ Probiotic intake significantly reduced wrinkle depth at T28, T56, and T84 compared to T0.



▶ Probiotic intake significantly enhanced skin density after 56 days, with this effect sustained throughout the follow-up, compared to the placebo group.



T0

Crow's feet and forehead wrinkles



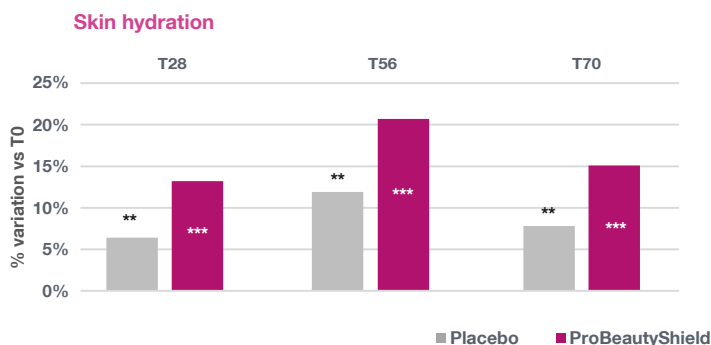
T84

Visible reduction of wrinkle depth and crow's feet

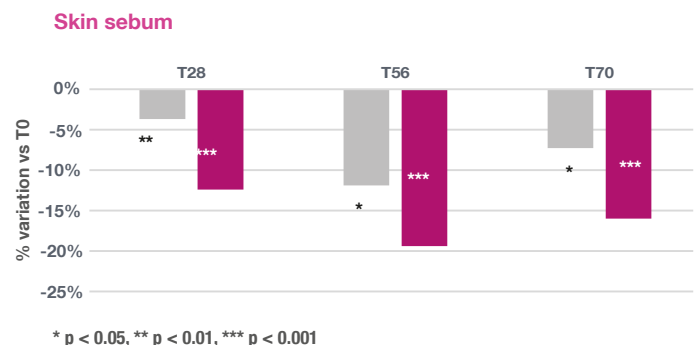
✓ Clinical evidence of acne in APAC⁽⁴⁾

• 64 female adults 18-50 years old showing acne severity from 1 to 3 according to IGA scale were included in a RDBPC trial and randomly assigned active/placebo. 8 weeks treatment + 14 days of follow-up. Checks are scheduled at T0, T28, T56 and T70. Clinical and instrumental evaluation were performed.

▶ ProBeautyShield showed a significant increase of skin moisturization after 28 days that persists overtime (+15% at T70).



▶ ProBeautyShield showed a strong reduction of sebum content reaching almost -20% after two months of administration.



T0

Visible acne severity on forehead



T70

Visible reduction of acneic lesions



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Thanks to our **12+ years** of experience on the market, we are able to provide unparalleled support to those looking to create the perfect probiotic product.

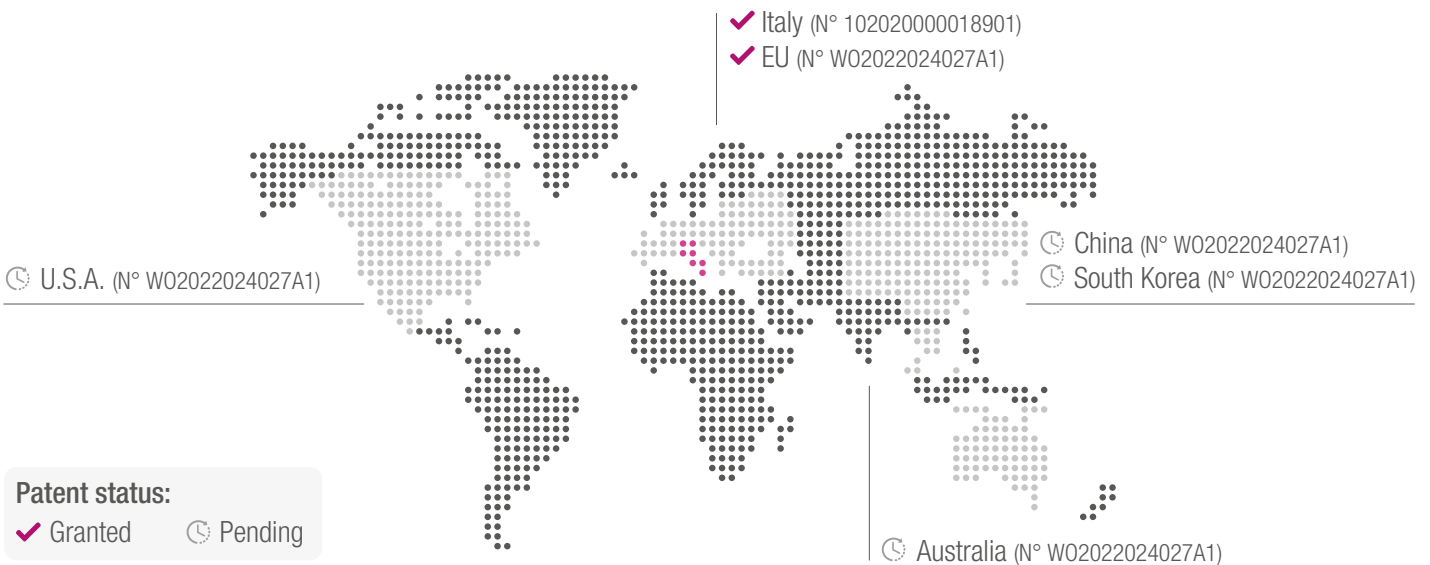
Our approach to formula development is highly collaborative, ensuring that we work closely with our clients to understand their **unique needs, goals, and challenges**.

We are committed to providing the highest quality probiotic products that are formulated using only the best quality ingredients, ensuring that you get the **highest results possible**.

Contact us today to learn more about our **formula development** services and start developing the perfect probiotic product.

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ProBeautyShield, where it has been granted:



- (1) Michelotti, A., Cestone, E., De Ponti, I., Giardina, S., Pisati, M., Spartà, E., & Tursi, F. (2021). Efficacy of a probiotic supplement in patients with atopic dermatitis: a randomized, double-blind, placebo-controlled clinical trial. *European Journal of Dermatology*.
- (2) Carlomagno F, Pesciaroli C, Cestone E, De Ponti I, Michelotti A, Tursi F. Clinical assessment on the efficacy of a combined treatment targeting subjects with acne-prone skin. *Our Dermatol Online*. 2022;13(3):240-247.
- (3) Manuscript under submission.
- (4) Shi, Z., Malfa, P., De Ponti, I., Yu, X., Francesca, D., Squarzanti, M. L. R., & Tursi, F. Investigating the impact of oral probiotic supplementation for acne management: A randomized controlled trial.
- (5) Seo E, Song HH, Kim H, Kim BY, Park S, Suh HJ, Ahn Y. Oral Administration of Mixed Probiotics Improves Photoaging by Modulating the Cecal Microbiome and MAPK Pathway in UVB-Irradiated Hairless Mice. *Mol Nutr Food Res*. 2023 Apr 20:e2200841. doi: 10.1002/mnfr.202200841. Epub ahead of print. PMID: 37081814.
- (6) Presti, I., et al. "Evaluation of the probiotic properties of new Lactobacillus and Bifidobacterium strains and their in vitro effect." *Applied microbiology and biotechnology* 99.13 (2015): 5613-5626.

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