



BiovaBIO:

Clinically Studied
Water-Soluble
Egg Membrane for
Enhanced Hair and Skin
Appearance



Discover how BiovaBIO® improves hair & skin from within

Executive Summary

As consumers seek effective, science-backed solutions for beauty and wellness, oral supplementation is playing a larger role in supporting healthy hair and skin from within.

BiovaBIO, a hydrolyzed water-soluble egg membrane supplement, offers a clinically validated approach to improving the appearance of hair density and skin quality in healthy, middle-aged adults.

A 12-week randomized, double-blind, placebo-controlled clinical trial demonstrated statistically significant improvements in facial skin and hair appearance, positioning BiovaBIO as a promising nutraceutical ingredient for beauty-from-within formulations.



Key Findings



Hair Appearance & Growth

- Hair density improved significantly in the BiovaBIO® group as early as 4 weeks, with continued improvement through week 12
- Subjects in the BiovaBIO® group showed significantly higher improvements in hair density compared to placebo at all time points ($P < .05$).
- Trends indicated reduced hair breakage and improved hair growth.



Skin Appearance

- Objective imaging showed significant improvements in crow's feet by week 4 and enhanced skin tone evenness by week 8.
- Subjective results (FACE-Q) indicated improved satisfaction with facial skin, especially in the areas around the eyes.
- Skin wrinkle depth decreased significantly in the BiovaBIO® group at 12 weeks.

Mechanism of Action

Egg membrane is rich in glycosaminoglycans (including hyaluronic acid, chondroitin sulfate, keratan sulfate, and heparan sulfate), which play structural and signaling roles in skin and hair health. These compounds contribute to:

Collagen & Elastin Synthesis

Skin hydration & elasticity

Hair follicle structure and growth regulation

Increased anti-oxidant production

Safety and Tolerability

BiovaBIO® was well tolerated with no serious adverse events reported during the study. The product has a long history of safe use in dietary supplements, though individuals with egg allergies should avoid it.



Conclusion

BiovaBIO® demonstrates meaningful, measurable benefits in enhancing the appearance of hair and skin in healthy adults, supported by robust clinical data. As demand for efficacious, clean-label beauty solutions grows, BiovaBIO presents a unique, science-backed ingredient for brands seeking to innovate in the nutricosmetic and wellness spaces.



About Biova

Biova is a global leader in water-soluble, egg membrane ingredient development, committed to providing high-quality, sustainable solutions for skin, joint, and wellness applications. Our patented process preserves the natural bioactivity of the membrane to deliver measurable results.

www.biova.com