



PTEROPLEX™

Natural cell resilience complex

PteroPlex™ is a natural active complex that redefines the boundaries of skincare by activating key pathways that enhance **cellular resilience** — the skin's natural ability to **defend, repair, and recover** from biological stress.

This **herbal** innovative formula has demonstrated **remarkable efficacy** in **protecting and regenerating skin cells** exposed to **high-intensity ionizing radiation**.

By modulating key proteins involved in **DNA and mitochondrial repair**, as well as anti-inflammatory and antioxidant responses, Pteroyouth pushes the boundaries of cellular protection.

Its components stimulate critical pathways such as **SIRT1, SIRT3 and Nrf2**, addressing the primary drivers

of skin deterioration including **DNA damage and oxidative stress** while also modulating the **NF-κB** pathway reducing **chronic inflammation**.

The science of cellular resilience underpins cutting-edge innovations in radioprotection, longevity, and skin regeneration.

Available in both **serum and cream formats**, each formula **protects skin at the cellular level** and visibly reduces wrinkles, dark spots, and imperfections, while boosting hydration elasticity and overall skin vitality.

Visible and lasting renewal begins at the cellular level — **powered by CIRCE Health Science**.

Main benefits



Anti-aging

Activates SIRT1 and SIRT3 to support cellular renewal and may reduce visible signs of aging.



Collagen Activation

Increases Collagen I production and prevents degradation of Collagen IV and V.



Helps even skin tone

Reduces TYR and MITF expression to diminish dark spots and even out complexion.



Anti-inflammatory

Modulates NF-κB, a mechanism involved in inflammation and may encourage natural healing and alleviate inflammation.



Activates antioxidant system

Activates Nrf2, the pathway involved in producing the body's natural antioxidant defenses to protect against oxidative damage.



Dermatologically tested

Safe for sensitive skin, with excellent tolerance in patch and irritation tests.



Tolerance Tested

Proven high skin compatibility with no irritation or sensitization in dermatological studies.



Clinically Tested

Demonstrated visible improvements in wrinkles, spots, and collagen levels in 28 days.

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Specifically designed to promote cellular defense and repair.

Benefits

Enhanced Cellular Protection

Radiation Defense & Regeneration

Clinically Proven Results

Collagen Activation & Firmness

Skin defense and repair



Presentations and Supply Options

PteroPlex™ is also available in formats tailored to B2B needs:

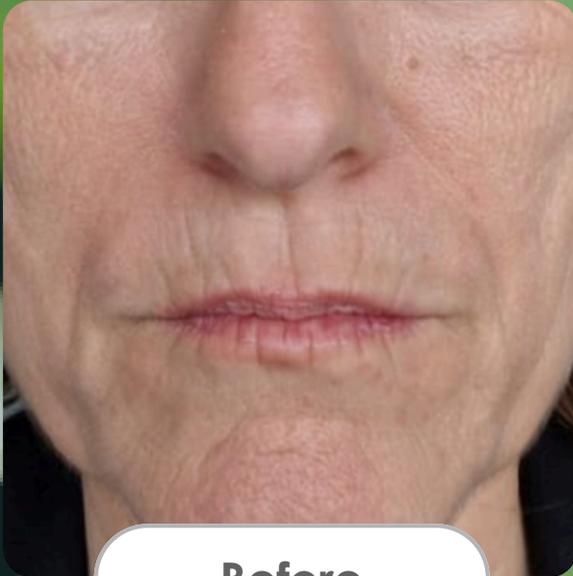
- **Active ingredient:** to be directly integrated into existing formulations, providing a differentiated and scientifically validated active.
- **Formulated bulk:** a pre-optimized and stable base, ready to be filled in the packaging format determined by the client, enabling faster development and market launch.
- **Formulated ready to sell :** serum (30 ml) and cream (50 ml) presentations in premium airless packaging,

This dual approach allows partners to choose between working with the pure active, a ready-to-fill formulation, or even the final pack ensuring consistent quality, reliability, and industrial scalability in all cases.



PTEROPLEX™
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Before & after



Before



After



Incredible before-and-after photos after and the routines that will transform your skin.*

PTEROPLEX™
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*Visible results after 6 weeks of daily use.



PTERO  **PLEX**™

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Ready to find out more about how you can use PteroPlex™
in your formulations?

Contact our sales team.

We're looking forward to working with you.

David Vallet

✉ dvallet@circescientific.com

☎ +34 722 573 756

Designed & Manufactured by:



CIRCE is a science-driven company specialized in the development of advanced crystalline ingredients that modulate key cellular pathways enhancing cellular and systemic resilience and restoring metabolic balance. By combining advanced crystal engineering with biochemical science, CIRCE optimizes the bioavailability, stability, and efficacy of high-value bioactive compounds.

Its team leverages years of research experience to maximize the functionality of these compounds, delivering innovative, scientifically validated solutions across the nutraceutical, dermocosmetic, animal health, and performance sectors.

This product is not intended to diagnose, treat, cure or prevent any disease. The described effects have not been evaluated or validated by FDA, EFSA, or any other competent authority. The information in this document has been carefully compiled to the best of our knowledge. This information does not exempt from the obligation to identify and control the product in relation to the intended use. Our products are sold subject to the understanding that prospective purchasers will conduct their own evaluations to determine the suitability of the products in their applications. Use of this information is at the purchaser discretion and risk. Local food regulations should always be consulted with respect to specific applications and necessary declarations and labeling. Legislation may vary from country to country. The scientific and technical information contained in this document is intended for its business-to-business use.