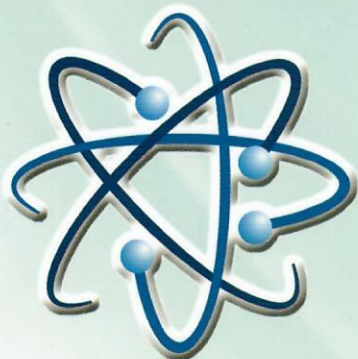


Dermatology

**PRODUCT LINE
FOR DERMATOLOGICAL USE**



catalysis



catalysis

Committed to Health

Catalysis, S.L. was born as a private and independent company that dedicates its efforts to research and the development of products in the pharmaceutical, cosmetic, and dietary fields.

OUR MAIN ACTIVITY IS RESEARCH



A team of scientists works at the search of new remedies to relieve the suffering caused by widespread diseases such as psoriasis, diabetes, asthma, osteoporosis, arthritis, genital and oral herpes, immunodepression (AIDS), cancer, tuberculosis, hepatitis, etc.

The aim of our research is to discover treatments without the use of aggressive medicines that, all too often, produce terrible side effects.

Our products are harmless and based on the latest discoveries of the beneficial effects that **ANTIOXIDANTS** have on **FREE RADICALS** in our organism as well as on the stimulation of the body's immune system.

Manufactured by pharmaceutical laboratories equipped with the most advanced technologies, our products undergo the most rigorous controls that the European Union imposes by law on all the manufacturers of pharmaceutical, cosmetic, and dietary products that operate within its frontiers.

DISTRIBUTION THROUGHOUT THE WORLD

• Europe

Albania, Belarus, Croatia, Cyprus, Czech Republic, Estonia, France, Hungary, Latvia, Lithuania, Moldavia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Turkey, United Kingdom, and Ukraine.

• America

Argentina, Bolivia, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, USA, and Venezuela.

• Africa

Algeria, Botswana, Egypt, Ghana, Ivory Coast, Kenya, Lesotho, Malawi, Nigeria, Sierra Leone, South Africa, and Tanzania.

• Middle East

Bahrain, Jordan, Kuwait, Lebanon, Qatar, Saudi Arabia, and United Arab Emirates (U.A.E.).

• Asia

Armenia, Azerbaijan, Bangladesh, China, Georgia, Indonesia, Japan, Kazakhstan, Kyrgyzstan, Malaysia, South Korea, Taiwan, Thailand, Turkmenistan, Uzbekistan, and Vietnam.



Our secret?



Molecular activation

The biocatalytic process of **MOLECULAR ACTIVATION** considerably improves the biological activity and the biochemical reactivity of all antioxidant molecules.

This method of **MOLECULAR ACTIVATION** is much more effective when applied to a far wider range of hydrosoluble and liposoluble molecules.

We know the answer to this **ACTIVATION** in numerous antioxidants of all kinds and also the mechanism by which the accumulated electrons are able to reduce the free radicals of oxidant molecules.

In this mechanism, we have observed greater synergy between some antioxidants used that are sometimes capable of considerably increasing their overall antioxidant capacity.

Many factors can influence the **ACTIVATION** of all antioxidants.

Amongst the most important chemical factors are the molecular structure, the active functional groups, specific antioxidant catalysts, the molecular weight, the pH, double carbon bonds, their solubility coefficient, etc., as well as the antioxidant capacity of each molecule.

The duration and the intensity of **MOLECULAR ACTIVATION** are amongst the most influential and important physical factors.

Not all antioxidants require the same **ACTIVATION** time to reach their maximum antioxidant capacity. The most important parameter for the control of better performance is their optimization. Once their highest antioxidant capacity is at its most favourable peak, **ACTIVATION** must be suspended because, after that maximum peak, their antioxidant capacity normally starts to diminish gradually or quickly.

When there is a mixture of two or more antioxidants, the optimal **ACTIVATION** time is previously calculated for each preparation separately, and this fixed parameter is always respected.

These results demonstrate that **MOLECULAR ACTIVATION** is essential and necessary to increase biological activity and obtain this way the greatest effectiveness in the treatment of diseases which directly or indirectly produce free radicals.

Bioassay on rabbit cornea

Vilas P. et al. (1989): Antiviral activity of a D-glucosamine derivate against herpetic ulcers (HSV type 2) in rabbit cornea. *Acta ophthalmologica* 67:55-60.



Control of HSV-2 virus
with non-activated
glucosamine
4 days after viral infection



Control of HSV-2 virus
with non-activated
glucosamine
14 days after viral infection



Treatment of HSV-2 virus
with activated glucosamine
4 days after viral infection



Treatment of HSV-2 virus
with activated glucosamine
14 days after viral infection



Treatment of HSV-2 virus
with acyclovir
4 days after viral infection



Treatment of HSV-2 virus
with acyclovir
14 days after viral infection

Proven efficacy in **90%** of the treated cases

alopel[®] helps slow hair loss and has proven effective in:

- Reducing the activity of type I and II 5 α -reductase in hair follicles.
- Stimulating healthy growth of new hair.
- Slowing hair loss within a few days of application.
- Improving the anchorage of the hair to the hair follicle.
- Reducing inflammation of the scalp.
- Helping eliminate dandruff and seborrhea.



activated Oleanolic acid, Apigenin,
and Acetyl tetrapeptide

alopel®

Hair loss treatment



100 ml container

alopel

Controls psoriasis and its exacerbating outbreaks

BLUE CAP® is indicated for the daily hygiene of the skin prone to the different types of psoriasis, seborrheic dermatitis, and eczema. It relieves itching, eliminates scaly skin on body and scalp, and improves the appearance of the skin.

BLUE CAP® exerts a high antibacterial and antifungal action.

BLUE CAP® moisturizes the skin in a natural way and eliminates the excess of grease.

BLUE CAP® does not contain either corticosteroids or cytostatics. It acts fast and effectively, penetrating well the deepest layers of the dermis. It does not have any side effects, even when used for an extended period of time.

High efficacy and quick action



before



after 3 weeks

activated Zinc Pyrithione



An effective treatment for psoriasis, eczema, and seborrhea



30 ml, 50 ml, 100 ml, and 200 ml
spray bottles with applicator
75 ml, 150 ml, and 400 ml shampoo
50 g cream
150 ml and 400 ml bath and shower gel



Spectacular results in 3 weeks

CICATRIX® reduces hypertrophic scars, recent and old scars, burn and acne marks, stretch marks and keloids.

CICATRIX® promotes, protects, and accelerates scar healing. It facilitates proper epithelialization of the skin and contributes to its reconstruction.

CICATRIX® is essential for skin repair after mechanical, chemical, and thermal damages, cold and freezing injuries, as well as posttraumatic and postoperative damages.

CICATRIX® stimulates and enhances collagen production, thus accelerating wound healing.

Time of application



before



after 3 weeks

TYPE OF SCAR

Surgery
Accidents
Burns
Acne marks
Stretch marks
Old scars

TIME OF APPLICATION

3 weeks
3 weeks
3 weeks
6 weeks
6 weeks
1 - 3 months

activated Centella asiatica and Pinus sylvestris

cicatatrix[®]

Scar reducing cream



30 ml and 50 ml containers

cicatatrix

Visible results in 2 weeks

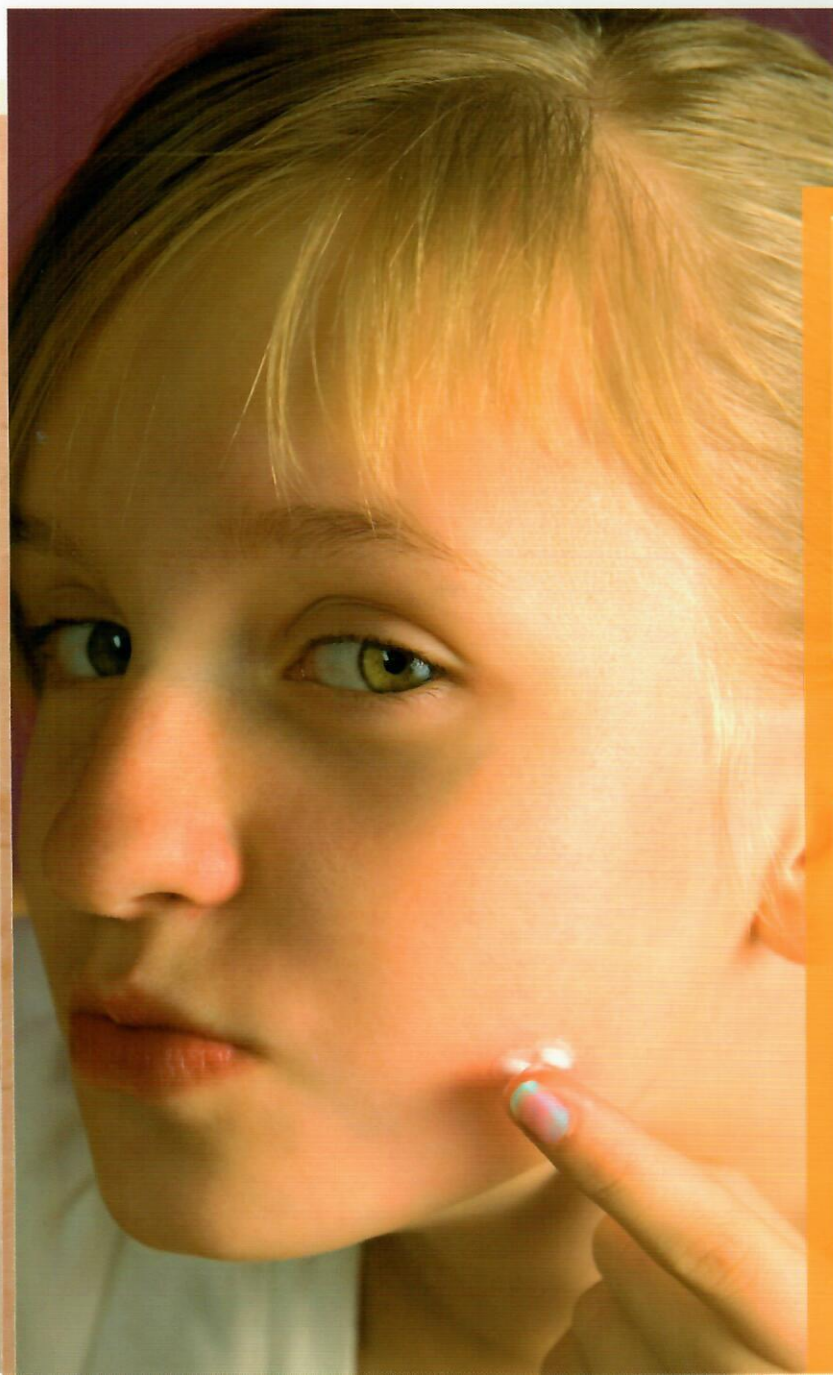
GRANEX® is the latest generation of products for skin prone to acne.

GRANEX® is the most effective and quickest solution for skin with blackheads, pimples, and blemishes, and for shiny skin.

The synergistic effect of aloe vera and glycyrrhizinic acid, two natural substances, both boosted by molecular activation, is the main reason why **GRANEX®** is so effective against pimples, comedones, blackheads and whiteheads, and skin blemishes.

93% success

The daily use of **GRANEX®** visibly improves the appearance of the skin and gradually normalizes it.



before



after 3 weeks

activated Glycyrrhizinic Acid and Aloe Vera

GRANEX[®]

The latest generation
of products
for skin
prone to acne



200 ml facial tonic
30 ml and 50 ml spray

GRANEX

Visible results from the first days of application

MELANIL® is a specific cream to lighten and eliminate dark spots on the skin caused by repeated sun exposure, aging, pregnancy, genetics, etc.

The composition of **MELANIL®** is 100% natural and non-melanocyte-toxic.

Due to the synergy of its ingredients, **MELANIL®** reduces melanin production, thus lightening and eliminating dark spots on the skin and preventing the formation of new spots.

All the active ingredients of **MELANIL®** are powerful inhibitors of melanogenesis by blocking tyrosinase. Moreover, they undergo a special process of molecular activation that enhances even more their melanogenesis-inhibiting capacity.



Time of application



before



after 3 weeks

TYPE OF SPOT

Clear and new spot
Dark and recent spot
Dark and old spot

TIME NECESSARY TO OBTAIN RESULTS

3 weeks
4 weeks
5 weeks

activated Glycyrrhiza glabra,
Uva ursi, and Morus alba



melanil®

**Eliminates
dark spots on the skin**



50 ml container



Excellent or satisfactory aesthetic effect in more than **80%** of the treated cases

MODELATOR[®] is a latest generation anti-cellulite cream formulated with the best active principles with lipolytic, venotonic, and anti-inflammatory action.

The active principles of **MODELATOR**[®] are encapsulated into fast-penetrating liposomes and therefore taken to the hypodermis quickly and efficiently.

Once there, they act on the adipocytes to break up the fat stored inside, eliminating the "orange peel" appearance characteristic of cellulite.

Improves skin smoothness



before



after 3 months

activated Aescin, Zingiber,
and Acetyl hexapeptide-39

Modelator®

**Intensive
anti-cellulite treatment**

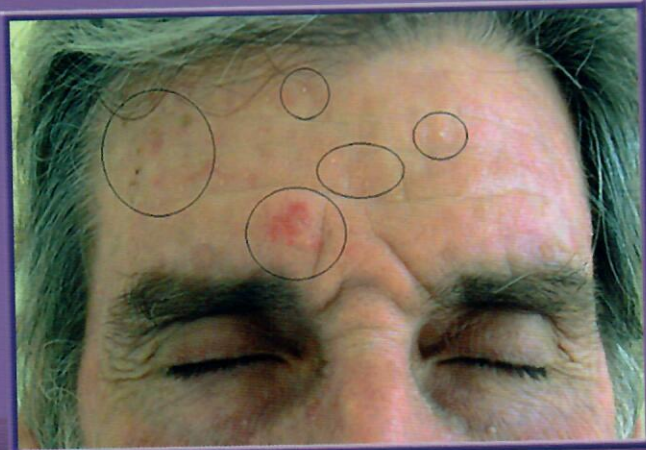


200 ml container
with massager

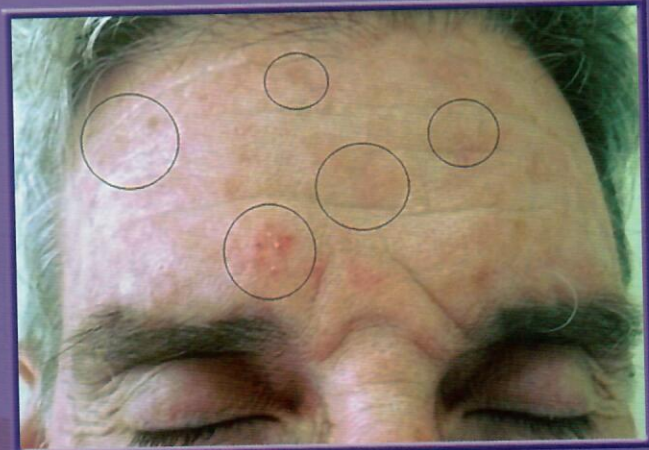
Modelator

76.5%

histological improvement after six months of treatment



before



after 6 months

Highly effective in the treatment of actinic keratosis

The application of **OCOXIN[®] Crema** twice a day proves effective in the treatment of actinic keratosis.

The lesions heal without adverse reactions and there was observed an improvement in skin quality and in cell morphology.



activated Green tea, Centella asiatica, and Pinus sylvestris

Ocoxin[®] crema

**Treatment for skin
overexposed to the sun**



50 ml container

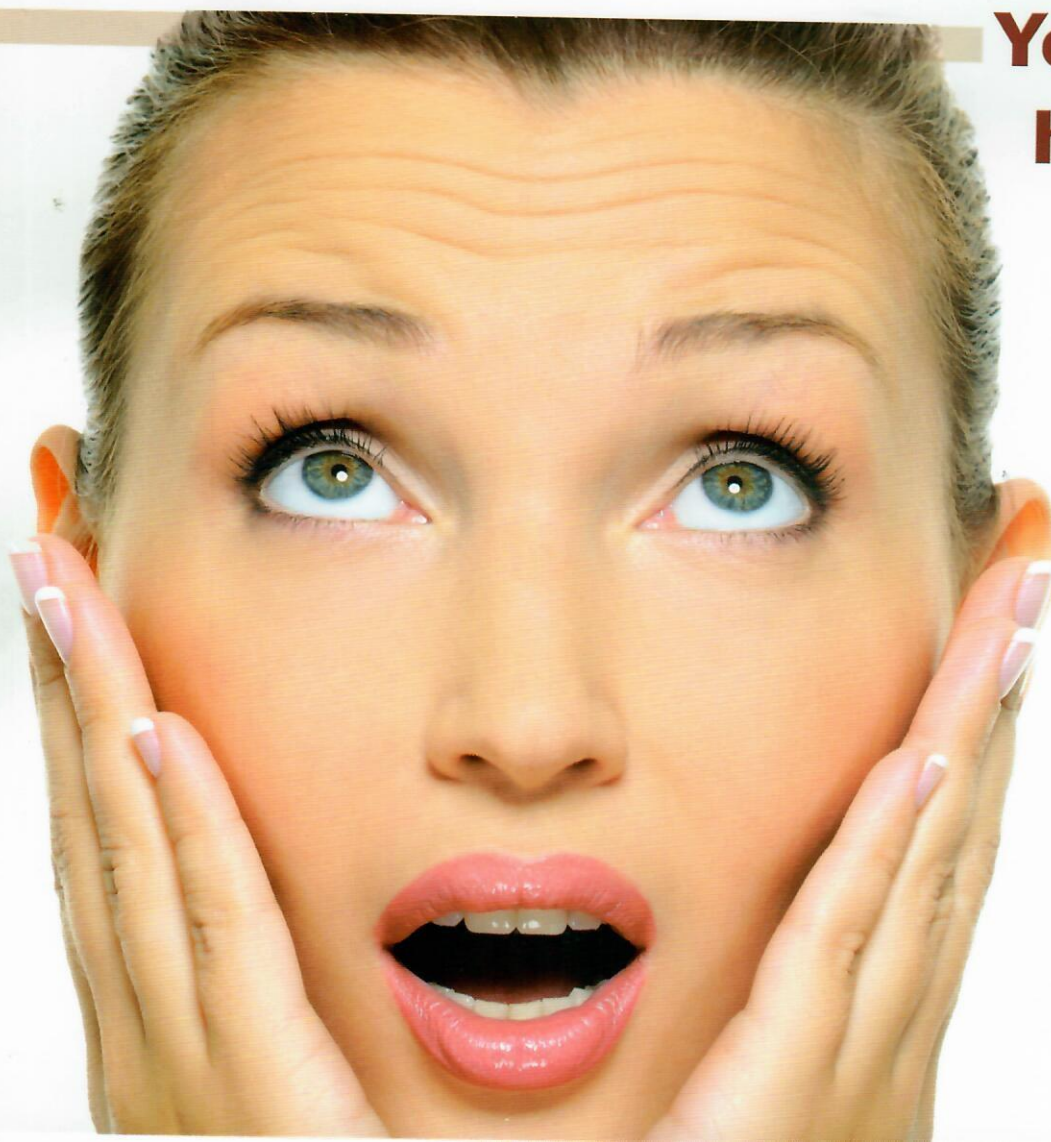
Ocoxin
crema

Significant improvement in 1 month of treatment



RETORNA® Face Cream has unique anti-aging properties. It reduces the appearance of wrinkles, fine lines, and other effects of aging. It helps prevent the destruction of collagen. It visibly rejuvenates the skin by improving its smoothness, firmness, elasticity, and moisturizing. It has a high regenerative and revitalizing power.

Young and healthy skin



RETORNA® Face Cream provides firmness to the skin of the face thanks to its filling, firming, and anti-wrinkle effect.

Its ingredients help retain the natural moisture of the skin and stimulate the synthesis of filling fibres (collagens I and III, and elastin).

activated Hyaluronic acid and Argireline®

RETORNA®

**Reduces the visible signs
of skin aging**



50 ml container

RETORNA®



**PRODUCT LINE
FOR DERMATOLOGICAL USE**

Authorized Distributor



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www.catalysis.es