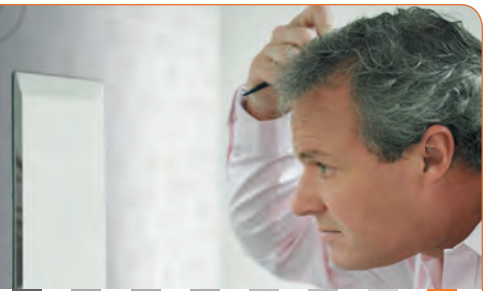


Anti-Aging Hair Care



No need to deny it, as we age, our hair tends to change... The most common signs of aging hair are, of course, hair loss, hair thinning and hair progressively turning gray... Taking better care and having the right anti-aging hair treatment will make a huge impact on our youthful appearance!

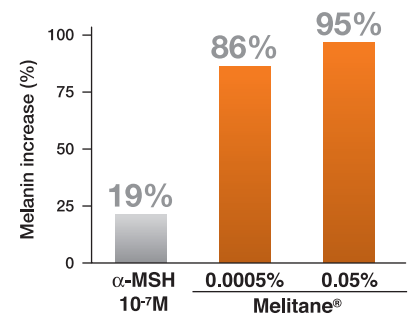
Unipex has designed two specific active ingredients that target the restoration of pigmentation in gray hair and stimulate hair regrowth, reversing the hair loss process and hair thinning!

FIGHT GRAY HAIR WITH MELITANE®

Even if gray hair can be a fashion statement, many people desire lustrous colorful hair. As we age, the hair follicles produce less melanin, the pigment responsible for hair color, so progressively hair become gray. Hair follicles produce the hair fiber that becomes pigmented as a result of melanin synthesis and its transfer from melanocytes into keratinocytes.

To fight back hair graying, Unipex has developed **Melitane®**, a biomimetic peptide derived from alpha-MSH. **Melitane®** stimulates melanin synthesis by melanocytes and also favours melanin transfer from melanocytes into keratinocytes. Moreover, **Melitane®** obtains outstanding results in ex vivo experiments on hair. It decreases the number of white and low pigmented cells and increases the number of moderate and highly pigmented cells in hair bulbs.

Evaluation of melanin stimulation



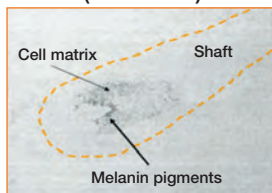
EX VIVO TEST RESULTS



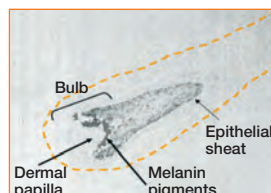
Test protocol

- > Scalps from 6 volunteers (with brown & black hair) were maintained in culture for 7 days. **Melitane®** 0.05% was added everyday.
- > At Day 8, melanin pigments were labeled by specific coloration.
- > The number of cells containing melanin pigments was evaluated by optical microscopy.

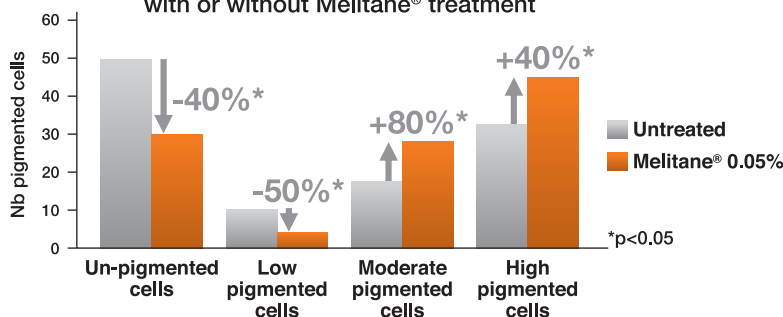
Control hair follicle (untreated)



After treatment with Melitane® 0.05%



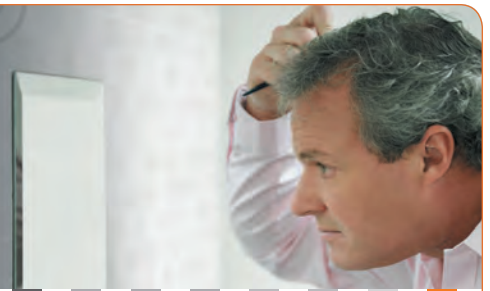
Number of pigmented cells with or without Melitane® treatment



Melitane® decreases the number of unpigmented and low pigmented cells.

Melitane® also increases the number of moderated and highly pigmented cells in hair bulbs, thus reversing the gray hair process.

Anti-Aging Hair Care



FIGHT HAIR LOSS WITH CAPIXYL™

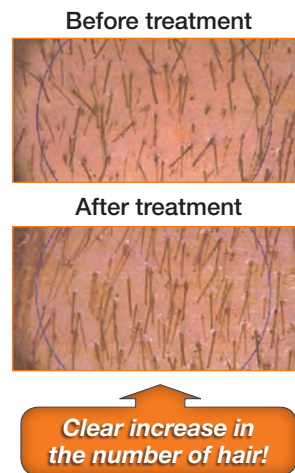
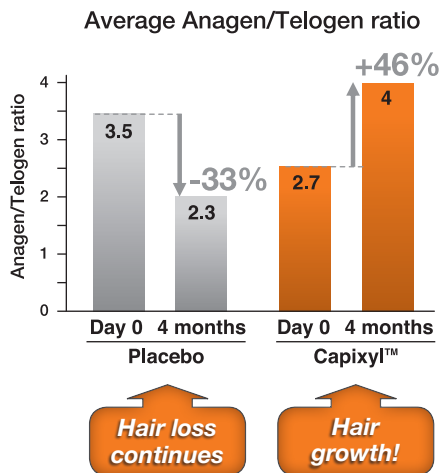
Whether men or women lose their hair, they lose much more than their natural, youthful appearance. People also lose their self-esteem and confidence associated with healthy looking hair.

Hair loss sufferers will most of the time have the hair growth cycle disrupted by an increase of dihydrotestosterone (DHT) hormone, loss of connective tissue integrity surrounding the hair follicles and an increase in the inflammatory process in the scalp. Of course, with aging, the decrease number and size of hair follicles in the scalp will also lead to thinner hair shaft and an increase in hair loss.



To reverse the hair loss process, Unipex has designed a highly innovative active combining a patented four amino acids biomimetic peptide with a red clover extract rich in Biochanin A. **Capixyl™** efficacy is based on the combined action of its two ingredients, allowing direct action on DHT preventing the hair cycle to shorten and hair follicle miniaturization, improving the ECM proteins in dermal papilla surrounding hair bulb for better anchoring in the scalp. **Capixyl™** also prevents inflammation which is a contributing factor in hair loss.

CLINICAL TEST RESULTS



Capixyl™ is a clinically proven alternative to address hair loss and boost hair growth!

APPLICATIONS AND RECOMMENDED DOSAGE

Recommended dosage: Melitane®: 0.05 - 1%
 Capixyl™: - Intensive treatment: 5%
 - Preventive care: 0.5 - 2.5%

Applications:

- > Hair regrowth
- > Anti-hair loss
- > Eyelashes
- > Tonics
- > Gray coverage hair treatment
- > Scalp treatment
- > Anti-aging hair care product
- > Lotions
- > Leave-on
- > Extend the life of hair colorant
- > Treatment for seasonal hair loss
- > Hair treatment for menopausal women

