

GenScreening

UNLOCK THE TRUTH OF YOUR COSMETIC
ACTIVE INGREDIENT



The skin is a complex organ composed of a variety of cells - keratinocytes, melanocytes, fibroblasts, sebocytes, immune cells and adipocytes - organized in different layers. These cells communicate with each other to maintain homeostasis or to respond to stress. While developing cosmetic active ingredients, it is extremely essential to accurately identify and understand their exact biological

roles. Thus, a reliable solution that can position the active ingredient in the context of specific Skin Biology process becomes imperative.

GenScreening offers an innovative solution to identify the dermo-cosmetic pathway and the respective genes and/or miRNAs modulated by your active ingredient.



Gain competitive advantage with your best active ingredient

Recover from high R&D investments, thanks to repositioning!

We have identified key genes and miRNAs involved in Skin Biology processes such as:

- Melanogenesis
- Epithelization
- Hydration
- Wound-healing
- Ageing
- Seboregulation
- Inflammation
- Detoxification etc.

GenScreening Methods

A reliable process to identify the biological function of your active ingredient

- 1** Treatment of our most relevant cellular model with your active ingredient - one to several concentrations
- 2** Gene expression analysis by RT-qPCR with our pathway-specific array
- 3** Statistical analysis & Biological interpretations



Your Benefits

Reliable: optimized process that guarantees fast and accurate results in as less as 2 months

Relevant: use the actual cellular pathway

Affordable: cost effective as compared to clinical trials

Tailored: adaptable to any type of cells and for any dermo-cosmetic pathway

GenScreening

Innovation: **GenScreening** is an innovative solution that can identify the dermo-cosmetic pathway and the genes and/or miRNAs modulated by your cosmetic active ingredient.

Expertise: Our scientific team masters each step of the process - cell culture, RNA extraction, qPCR etc., to successfully identify the biological functions of your active ingredient.

Support: Working together as one team, we partner with you to determine the most efficient and appropriate strategy to reveal the power of your cosmetic active ingredients.

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genel
THE RNAi SWITCH

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Contact us for a free scientific diagnosis

✉ info@genel.fr ☎ +33(0) 4 38 78 05 47

www.genel.fr