



**SCH antiinflammatory pept**

**NEXT  
GENERATION  
PEPTIDES**

Developments of new cutting-edge peptide-based drugs and molecules with pharmacological, diagnostic and cosmetic interest.



**Special  
chemicals**

## SCH antiinflammatory pept

*Skin inflammation is a regular reaction to injury or infection caused by environmental factors, pathogens and irritants **Antiinflammatory peptides** are naturally present in all living organisms, and have shown to have powerful properties **Lessinfram** reduces the synthesis of pro-inflammatory factors providing an attractive way to stop skin inflammatory conditions*



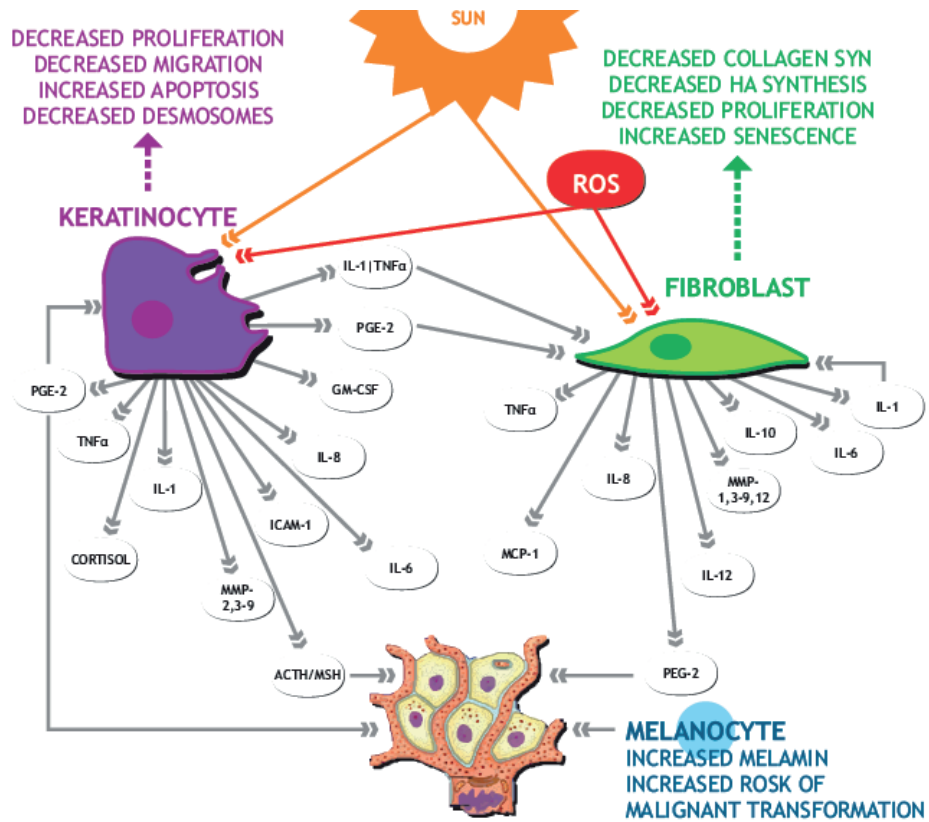
NORMAL



SCH Antiinflammatory pept

# SCH antiinflammatory pept

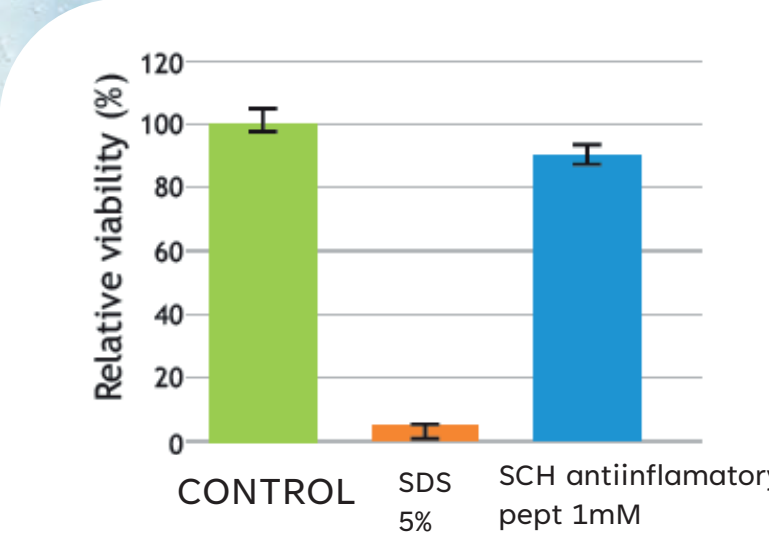
## SCH Inflammatory mediators and aging responses in skin cells



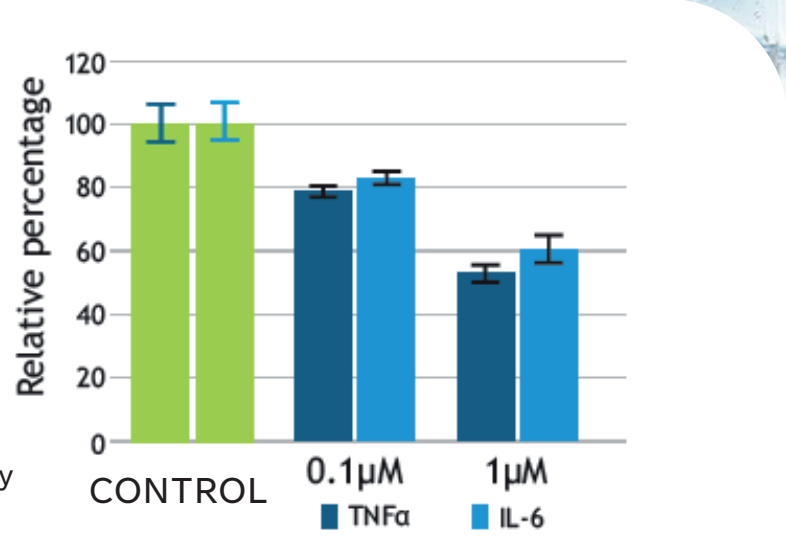
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**Skin irritation test of SCH antiinflammatory pept in 3D reconstructed skin**

**Inhibition of proinflammatory cytokines release, in vitro**



RECONSTRUCTED EPIDERMIS WAS TREATED WITH SDS TO INDUCE DAMAGE OR SDS + SCH antiinflammatory pept. AFTER WASHING SKIN WAS INCUBATED IN GROWTH MEDIUM CONTAINING MTT TO MEASURE CELL VIABILITY. SCH antiinflammatory pept PROTECTS EPIDERMIS FROM SDS-INDUCED SKIN IRRITATION AND INFLAMMATION.



HACAT WERE INCUBATED WITH SCH antiinflammatory pept FOLLOWED BY STIMULATION WITH 1mg/ml LPS. SCH antiinflammatory pept DOSE-DEPENDENTLY INHIBITS INFLAMMATORY CYTOKINES RELEASE AFTER A CHALLENGE WITH LP.

## SCH antiinflammatory pept



SCH antiinflammatory pept can suppress the production of excess interleukins, therefore inhibiting unnecessary inappropriate inflammatory responses.

SCH antiinflammatory pept is recommended to reduce the cumulative amount of damage caused by exposure to UV light, internal stress, pollution, and other pro-inflammatory factors

## SPECIFICATIONS

- Appearance: Powder form
- INCI.: Dextran, Palmitoyl tetrapeptide-7
- Recommended dose: 3-5%
- Legal status: EU|US|CN|JP|KR|AUS





**THANK YOU**

*Thank you for your interesting and attention!  
If you need sample and technical data, please  
contact us without hesitation*



**Special  
chemicals**