

# BURNING & STINGING – TRPV1

FastRelief™

## SKIN MECHANISMS OF ACTION

Excessive activation of skin's sensory fibres



## SKIN REACTIONS

**BURNING  
STINGING**



## SYMRISE SOLUTION

Anti-nerve Hyper-activation with **FastRelief™**

# FAST SKIN RELIEF with FastRelief™

## THE BENEFITS

- Helps to increase the skin's tolerance threshold by its regulating action & by reducing symptoms associated with sensitive skin
- Mechanism of action: TRPV1 antagonist
- Shows an immediate soothing effect by reducing burning, stinging and tingling
- Calms over reaction of the skin & scalp
- Applications:
  - Sensitive skin overreacting to cosmetics like retinol, alpha hydroxy acids, phenoxyethanol, hair coloration and hair relaxers
  - Hair / Scalp

## THE PRODUCT

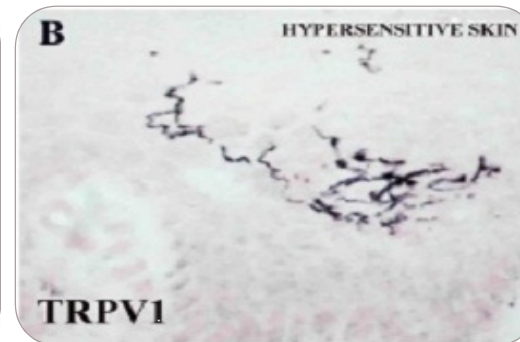
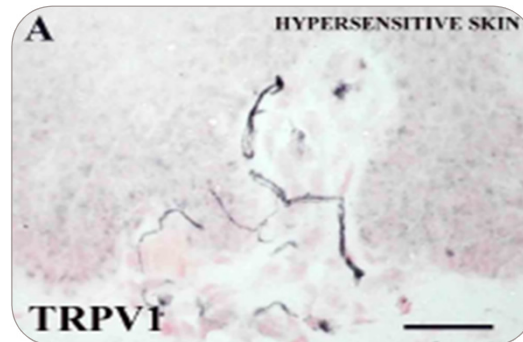
- Nature identical para-tert-butylcyclohexanol found in berries of pistacia lentiscus
- Clear colorless solution, soluble in alcohol, glycols, oils
- Stable at pH 3-12 and up to 50° C
- Use level: 1 – 3%

# TRPV1 EXPRESSION

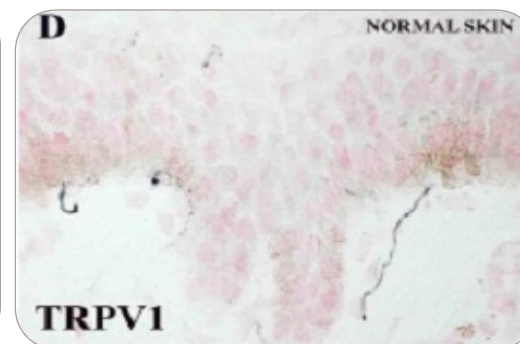
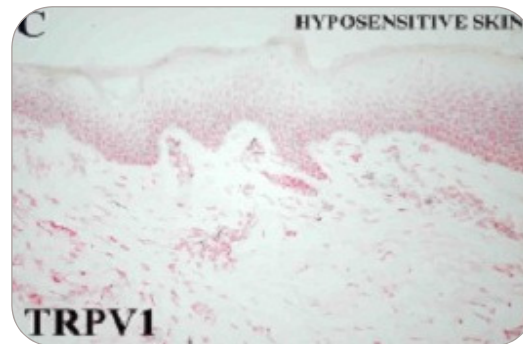
## A KEY PLAYER

TRPV1 : the best characterized receptor in the epidermis  
highly expressed in sensitive skin,

High levels of TRPV1  
in over sensitive skin



Undetectable levels in  
non sensitive skin

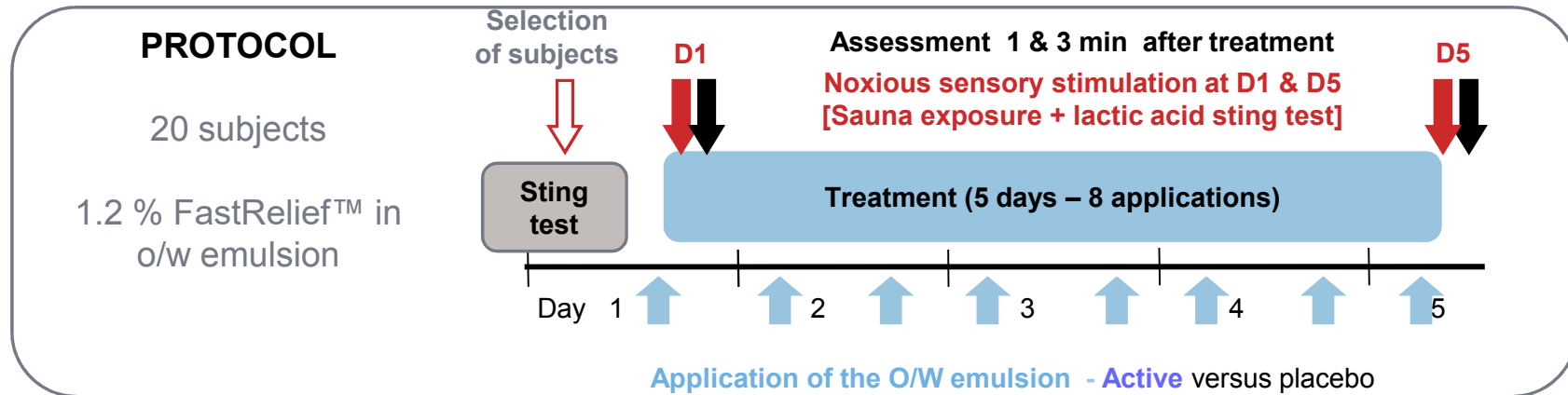


Low levels of TRPV1  
in normal skin

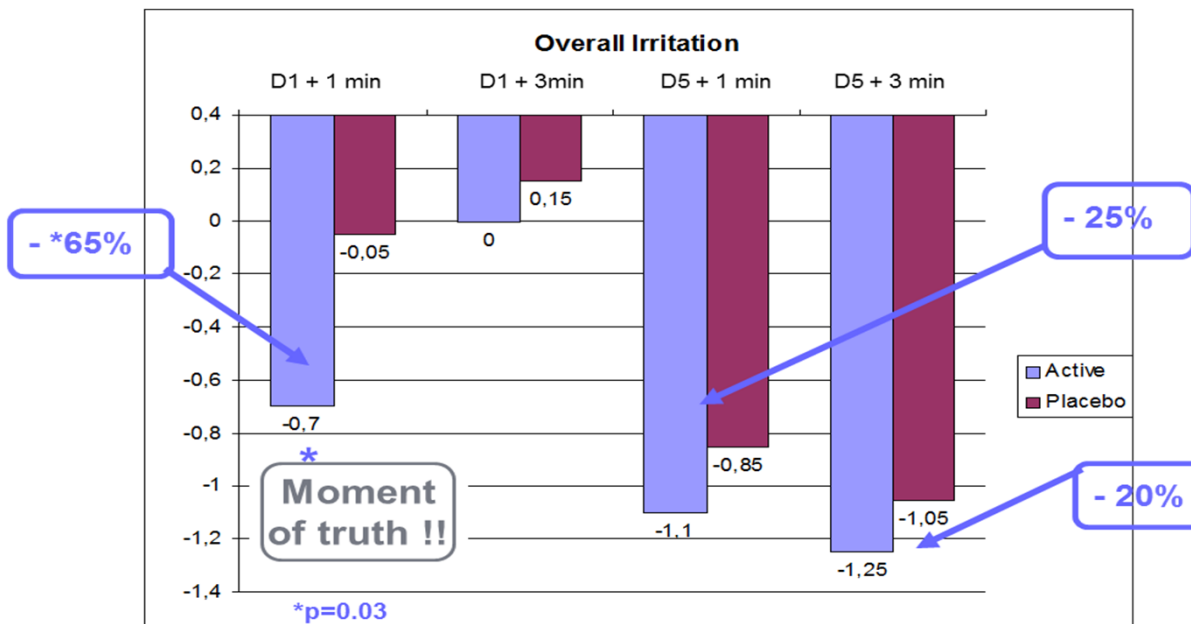
Tissues collected from a subject at limb amputation

Facer et al. BMC Neurology 2007, 7:11

# COSMETIC INTOLERANCE SYNDROME IN VIVO STUDY



## RESULTS - Reduction of overall Irritation vs placebo



### FastRelief™:

- Statistically significant reduction in overall facial irritation (p=0,03)
- Immediate effect -65% versus placebo !!