

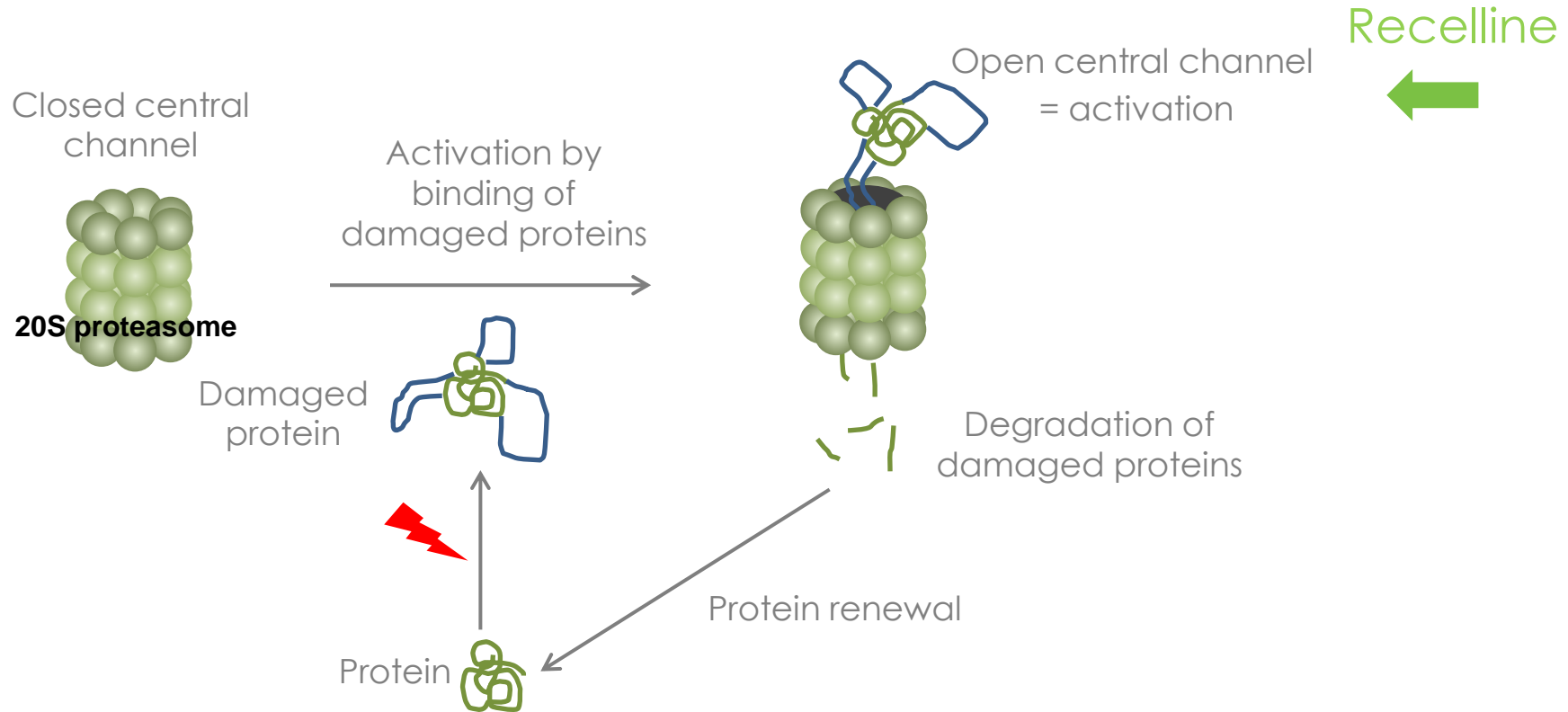
# Recelline

Anti-stress oligopeptide activating proteasomes  
with **DNA repair** function

INCI:  
PHOSPHATE BUFFERED SALINE, PENTAPEPTIDE-  
60 S-METHANOCALDOCOCUS JANNASCHII  
HEPTAPEPTIDE-1, PHENOXYETHANOL  
(PHENETHYL ALCOHOL)



# Mechanism of action



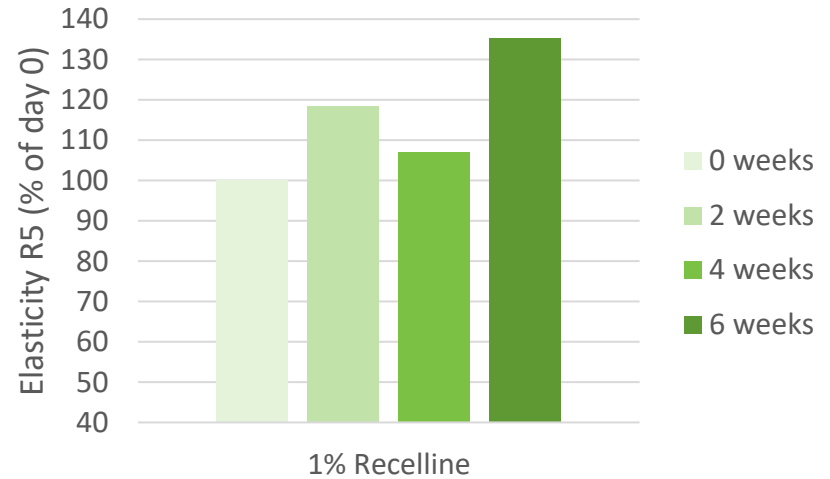


## ELASTICITY

# 35%

ELASTICITY  
IMPROVEMENT

### In vivo study by Contipro



REC(1%) in emulsion, face, 30 volunteers.  
R5 parameter determined by cutometer  
(Courage and Khazaka electronics)

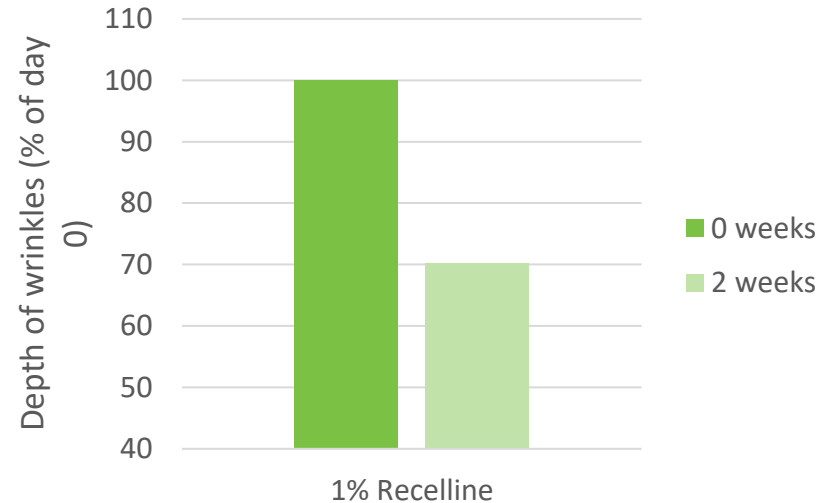


## WRINKLE REDUCTION

# 30%

## REDUCTION OF WRINKLES

### In vivo study by Contipro



REC (1%) in emulsion, crowsfeet area, 15 volunteers.  
Wrinkles determined by 3D LiveViz camera

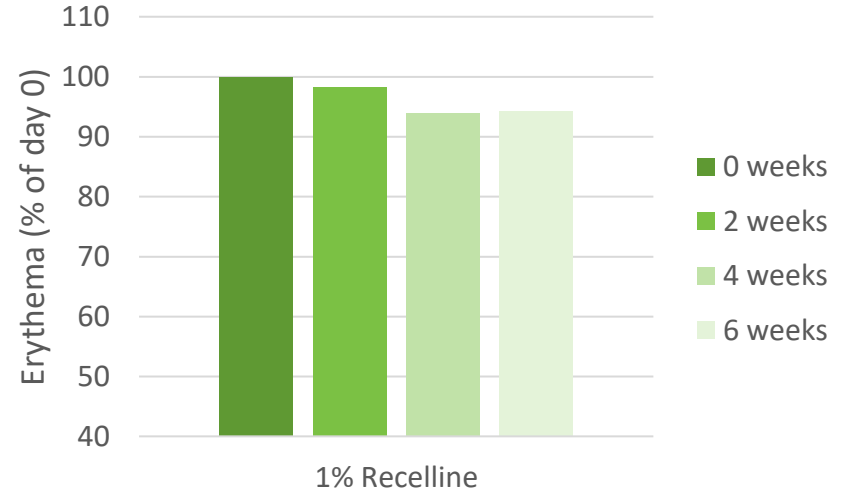


SOOTHING

6%

REDUCTION OF  
ERYTHEMA

In vivo study by  
Contipro



REC (1%) in emulsion, face, 15 volunteers.  
Erythema index determined by MX 18 mexameter  
(Courage and Khazaka electronics)

# Additional advantages of Recelline

- \* Helps to repair DNA
- \* Protects skin from oxidative stress and prevents premature aging
- \* Specifically activates proteasomes in skin cells
- \* Improves skin texture and makes skin significantly brighter and radiant
- \* Supports collagen production
- \* Delays stress-induced senescence



# Recelline: Collected technical data

- **INCI name:** Phosphate Buffered Saline, Pentapeptide-60 s-Methanocaldococcus Jannaschii Heptapeptide-1, Phenoxyethanol (Phenethyl Alcohol)
- **Supplied form:** solution in phosphate buffered saline (PBS) with HA (0,1% peptide)
- **Preservative:** Phenoxyethanol/Phenethylalcohol
- **Samples:** 1 ml of solution
- **Minimal ordering quantity:** 1 kg
- **Recommended concentration in final products:**  
0.01 – 1 % of solution  
(safety tests up to 1%)
- **Source:** solid phase peptide synthesis
- **Compatibility and processing:** sensitive to heat; sensitive to extreme pH; recommended pH 5,5-8
- **Solubility:** soluble in water; soluble in mixture of ethylalcohol, isopropylalcohol, propyleneglycol and butylen glycol with water up to ratio 1:1; insoluble in non-water miscible solvents
- **Shelf-life:** 12 months



# Who We Are

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*World leader in research  
and manufacturing  
of hyaluronic acid.*

*Innovator in biotechnologies  
since 1990.*

*Reliable partner of **successful  
brands.***





# We Are Here to Help You

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## ZUZANA JENÍKOVÁ

*Technical specialist  
for active ingredients*

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