



Haircare

**PROTECTIVE EFFECT
AGAINST OXIDATIVE
DAMAGE**

**STIMULATION OF
HAIR GROWTH**

**ANTI-POLLUTION
EFFECT**

**PREVENTION OF
HAIR LOSS**



RESVINIA®

NEW

Cosmetic active ingredient

Grapevine extract manufactured in **France**

ACTIVE MOLECULES

Resveratrol & *epsilon*-Viniferin
Extracted from French vine shoots
INCI name: *Vitis vinifera* (grape) vine extract

POSSIBILITY OF STANDARDIZATION

natural butylene glycol



Tested ingredient: Natural RESVINIA® 2% Sol. (2% of Resveratrol & *epsilon*-Viniferin)



HAIRCARE

Ex vivo



One application



Stress: UV-A + PM10 pollution

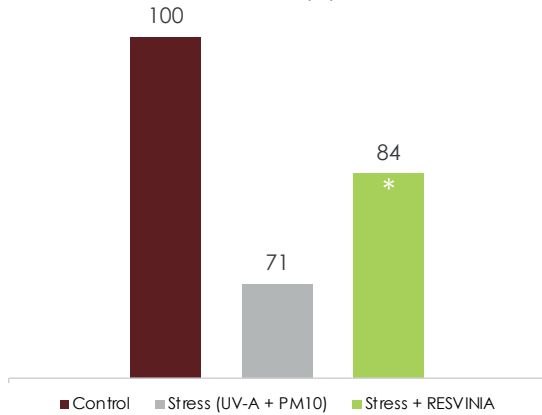


Scalp explant

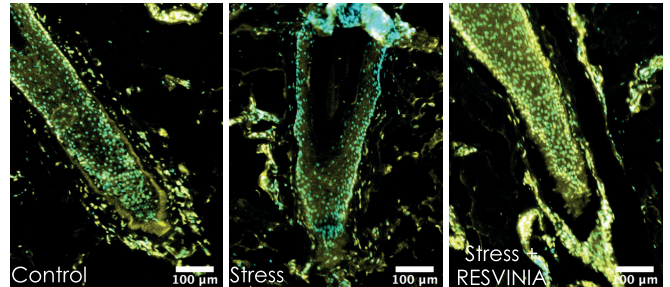
Tested dose: 5% of RESVINIA®

Stimulation of hair growth via IGF-1

Labelled IGF1 cells levels (vs control group)
Follicles (%)



Labelled IGF-1 levels in hair follicles

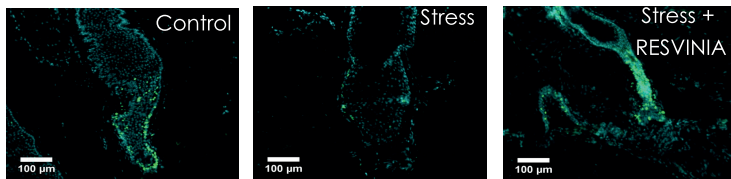


● Labelled IGF-1 cells ● Cellular nuclei

RESVINIA® tends to maintain IGF-1 level, thus **stimulating hair growth**

Prevention of hair loss via Ki67

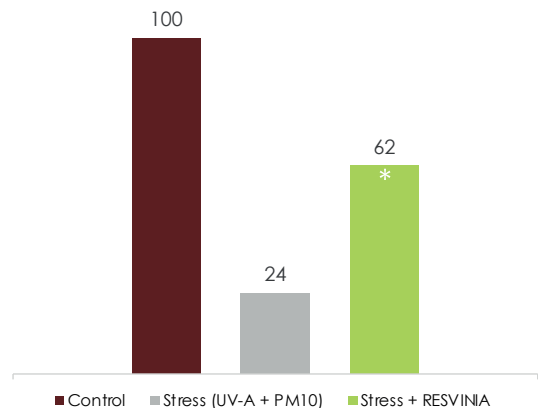
Labelled Ki67 levels in hair follicles



● Labelled Ki67 cells ● Cellular nuclei

RESVINIA® preserves the vitality of follicles, thus **preventing hair loss**

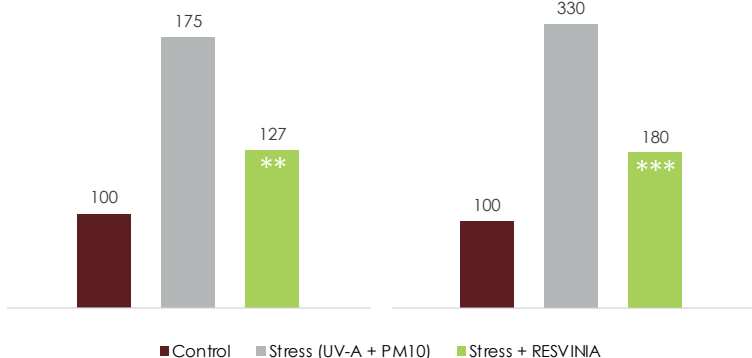
Labelled Ki67 cells levels (vs control group)
Follicles (%)



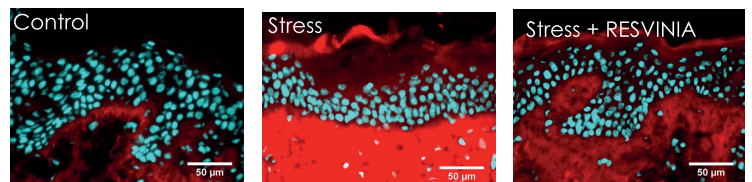
Protective effect against oxidative damage

Carbonylation levels (vs control group)
Follicles (%)

Carbonylation levels (vs control group)
Whole scalp (%)



Carbonylation of protein levels in interfollicular region



● Oxidation of protein levels ● Cellular nuclei

RESVINIA® offers **healthy aging and antioxidant properties** in follicles and scalp

RESVINIA® **protects the scalp** from urban pollution

*:p<0.05 **:p<0.01 ***:p<0.001

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