

PLUS MINUS SCALP CARE
With 10 BILLION PURE EXOSOMES

Scalp Care
HRLV



ASCE^{plus}

Advanced Skincare Complex from ExoCoBio



Distributed by : **VANGUARD AESTHETICS**

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Key Mediator of Stem Cells

EXOSOMES

Stem cells

EXOSOMES

Patent No : KR 10-1895916

ExoSCRT™Unique isolation and purification
technology for pure exosomes

Target cells

10 billion

Exosomes of HRLV created by ExoSCRT™ technology

help restore the normal hair growth cycle with **PLUS MINUS CARE**

ExoSCRT™ Exosome

Promotes the anagen phase of hair through its 1,008 kinds of proteins and growth factors that stimulate hair regrowth.

Contains 598 kinds of miRNAs that induce anti-inflammatory effects on the scalp.

Fundamentally improves the scalp condition for hair regrowth as a key mediator of stem cells.

Scalp Care | HRLV

20 mg x 5 vials

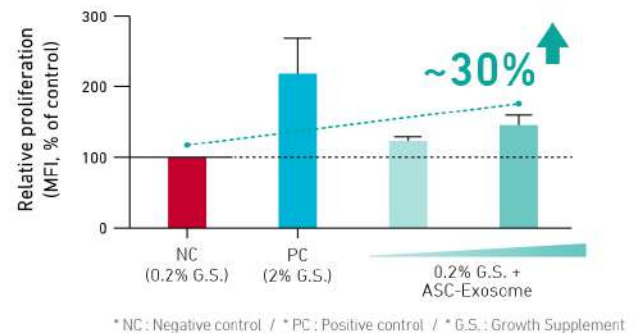


HRLV helps restore the normal hair growth cycle with **PLUS MINUS CARE**



Promotes dermal papilla cell proliferation

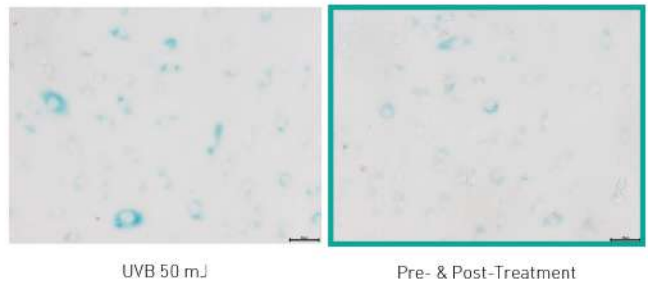
After treating exosomes to dermal papilla cells, cell proliferation has significantly increased.



Reduces cell senescence

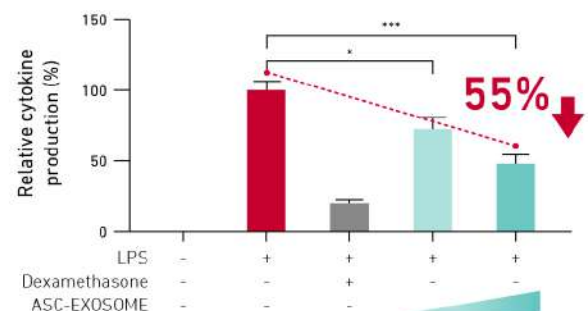
The senescence of dermal papilla cells which were exposed to UVB has been reduced after treating exosome.

[β -gal staining assay]

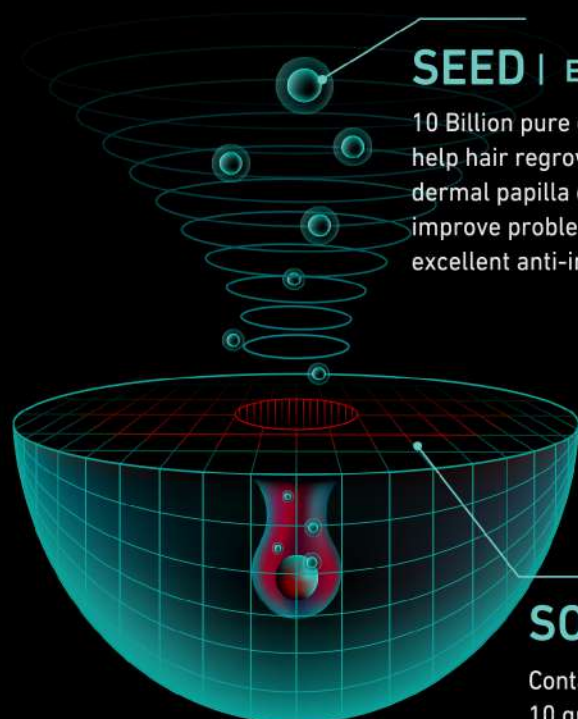


Reduces inflammatory cytokines

Exosomes reduces various inflammatory cytokines. (IL-6, TNF- α , TGF- β 1)



HRLV features



SEED | ExoSCRT™ Exosome

10 Billion pure exosomes that help hair regrowth by stimulating dermal papilla cells, improve problematic scalp with excellent anti-inflammation effects.

SOIL | Rich Nutrients

Contains 30 kinds of nutrients including 10 growth factors including Noggin, HGF, SCF, TMB4, and biotin, copper tripeptides, which are optimized for improving hair and scalp.

- 1/ Available for both men and women
- 2/ Prevention of hair loss by normalizing the hair cycle
- 3/ Available for using both before and after hair transplantation through promote anti-inflammatory effects and induce wound healing
- 4/ Fundamental improvement of problematic scalp and hair loss

HRLV, the solution to both hair and scalp problems

< Male hair loss >

Effective for frontal fibrosing alopecia

* photo courtesy of Dr. Inigo De Felipe



Before

After 6 months

< Hair transplantation >

Treatment before and after hair transplantation
(Anti-inflammatory and wound healing effects)

* photo courtesy of Dr. Asli Berker



Before

After

* As for hair loss management, different protocols can be applied depending on the hair growth cycle and hair loss type, and continuous treatment and management are required for at least three months.