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# HAIRIZ

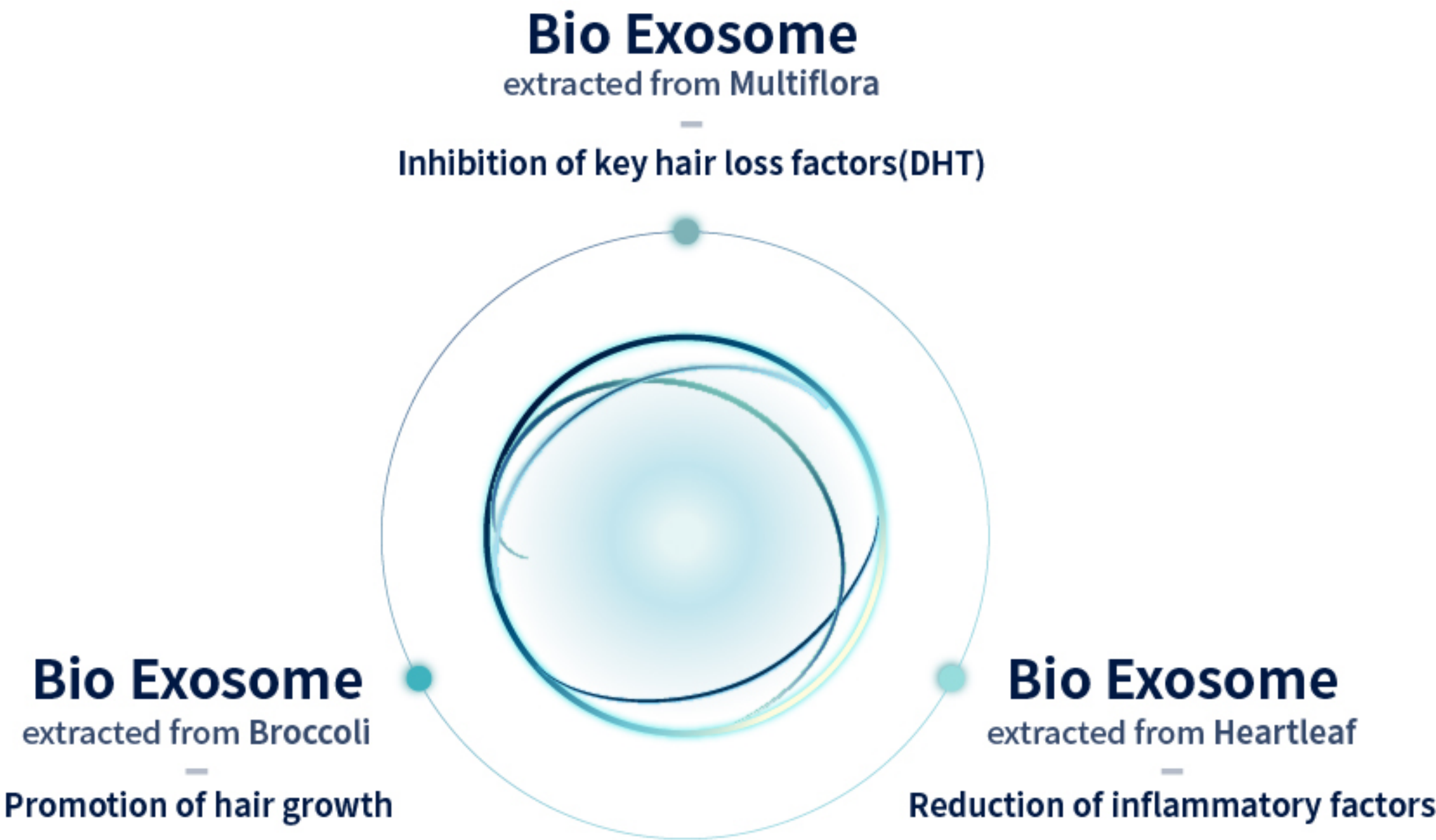
3D Exo Hair Scalp Care Filler & Shampoo



# HAIRIZ

3D Exo Hair Scalp Care Filler

## 3D Exo Complex

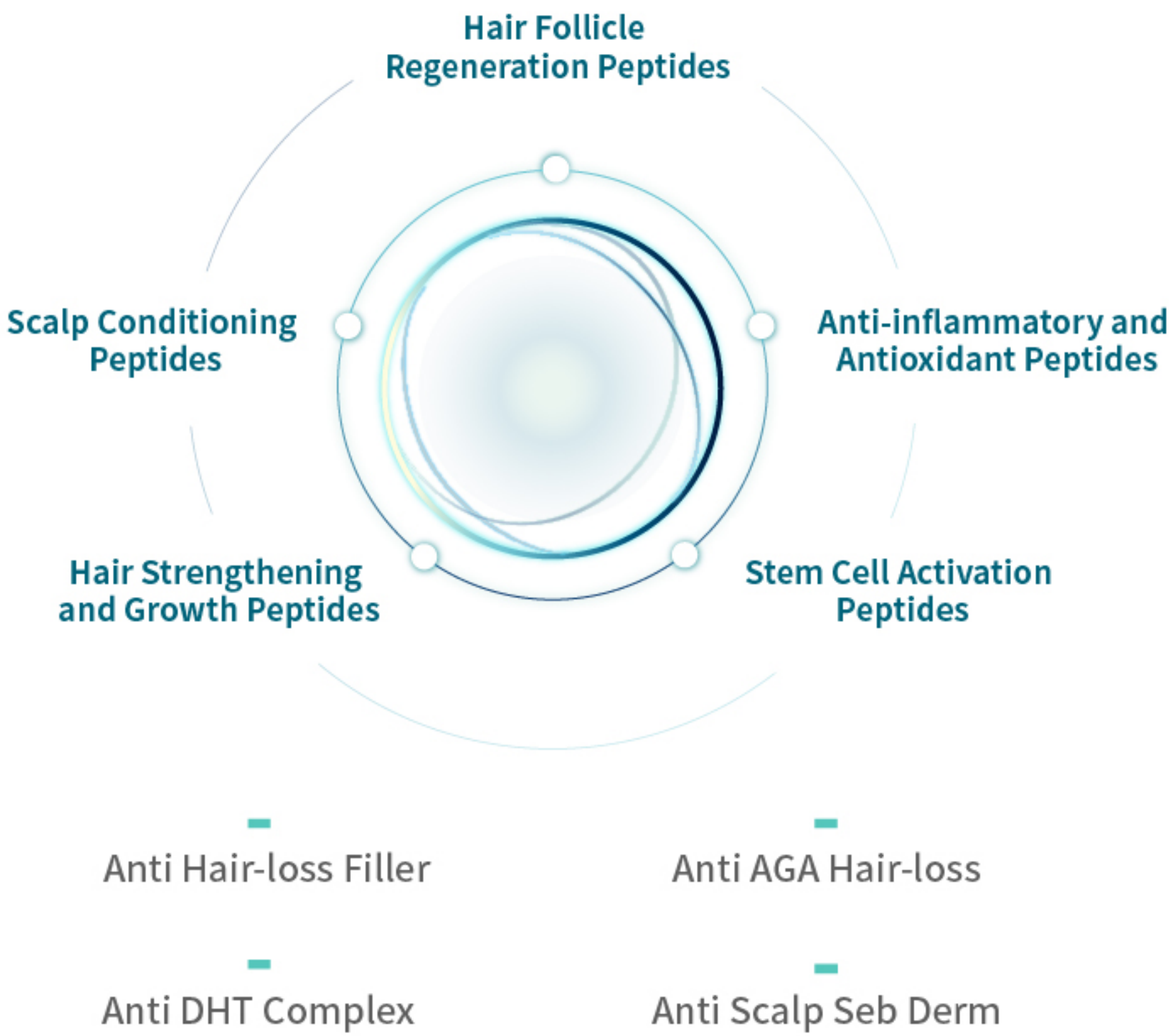


RNA-based signaling vesicles for cell-to-cell interactions  
optimized for hair loss improvement

+

## Multi-Peptides

for the Activation of the Wnt Pathway



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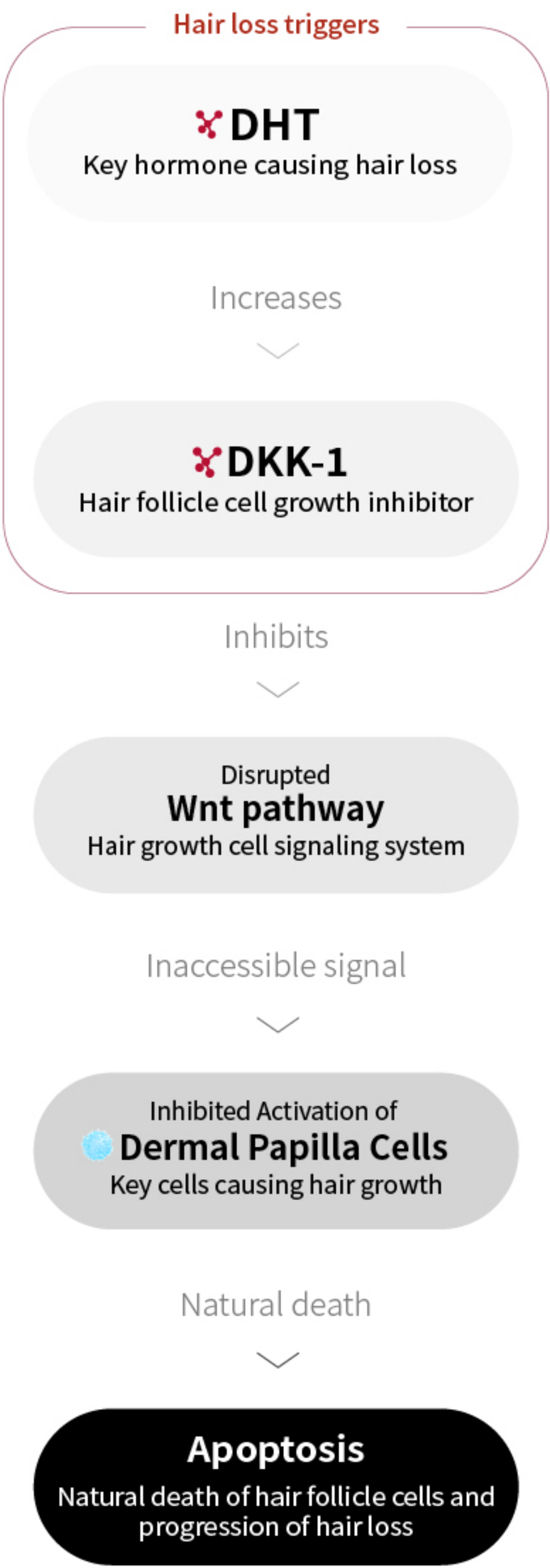
# HAIRIZ



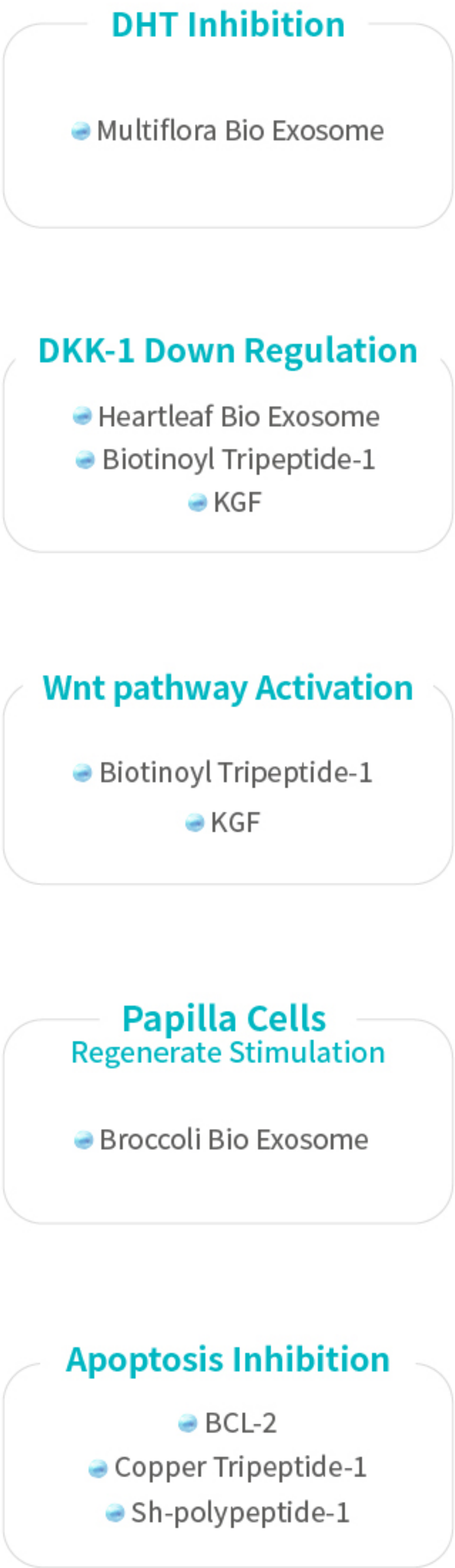
# HAIRIZ treatment involved in All Cellular Processes

HAIRIZ is involved in the entire process of hair loss cellular activity, suppressing all pathogenic factors and providing overall improvement.

## Key Mechanism of Hair Loss



## HAIRIZ 3D Exo Hair Scalp Care Filler



Improvement of overall cellular mechanisms

# HAIRIZ's Anti Hair-loss complex

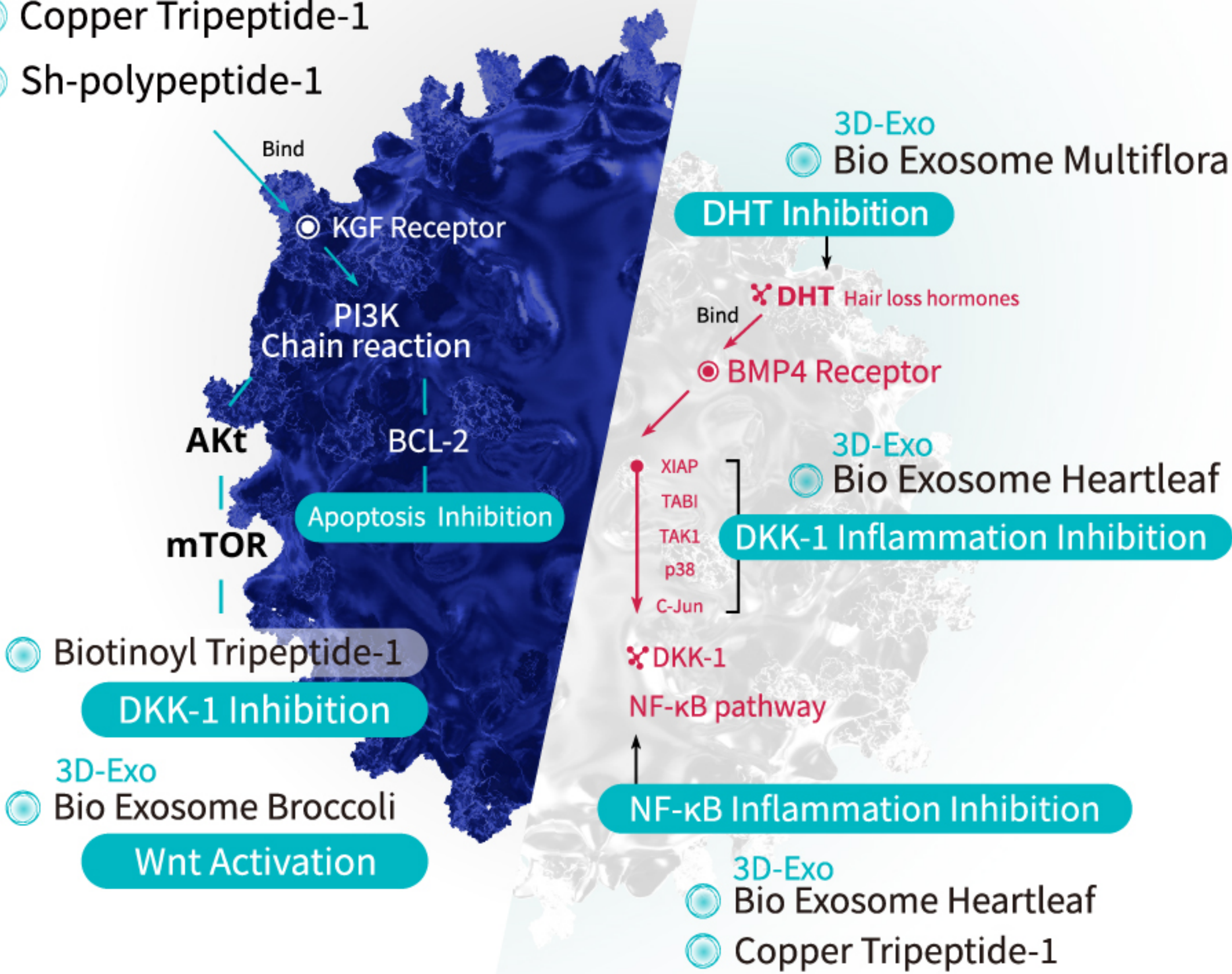
was developed through **In-depth Research** and a **Complete Understanding** of the cellular mechanisms behind hair loss,

**to Change the Overall Direction of Cellular Activity**

## Supports

Hair Growth Chain Reactions

- Copper Tripeptide-1
- Sh-polypeptide-1



## Inhibits

Inflammatory Cellular Process

It is designed to support positive cellular activity (Wnt pathway), suppress inflammatory cellular activity, prevent apoptosis, and revitalize the cells.

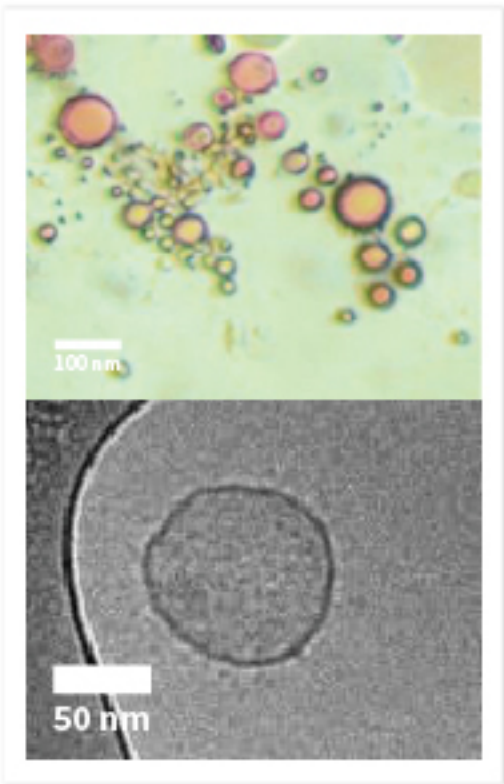
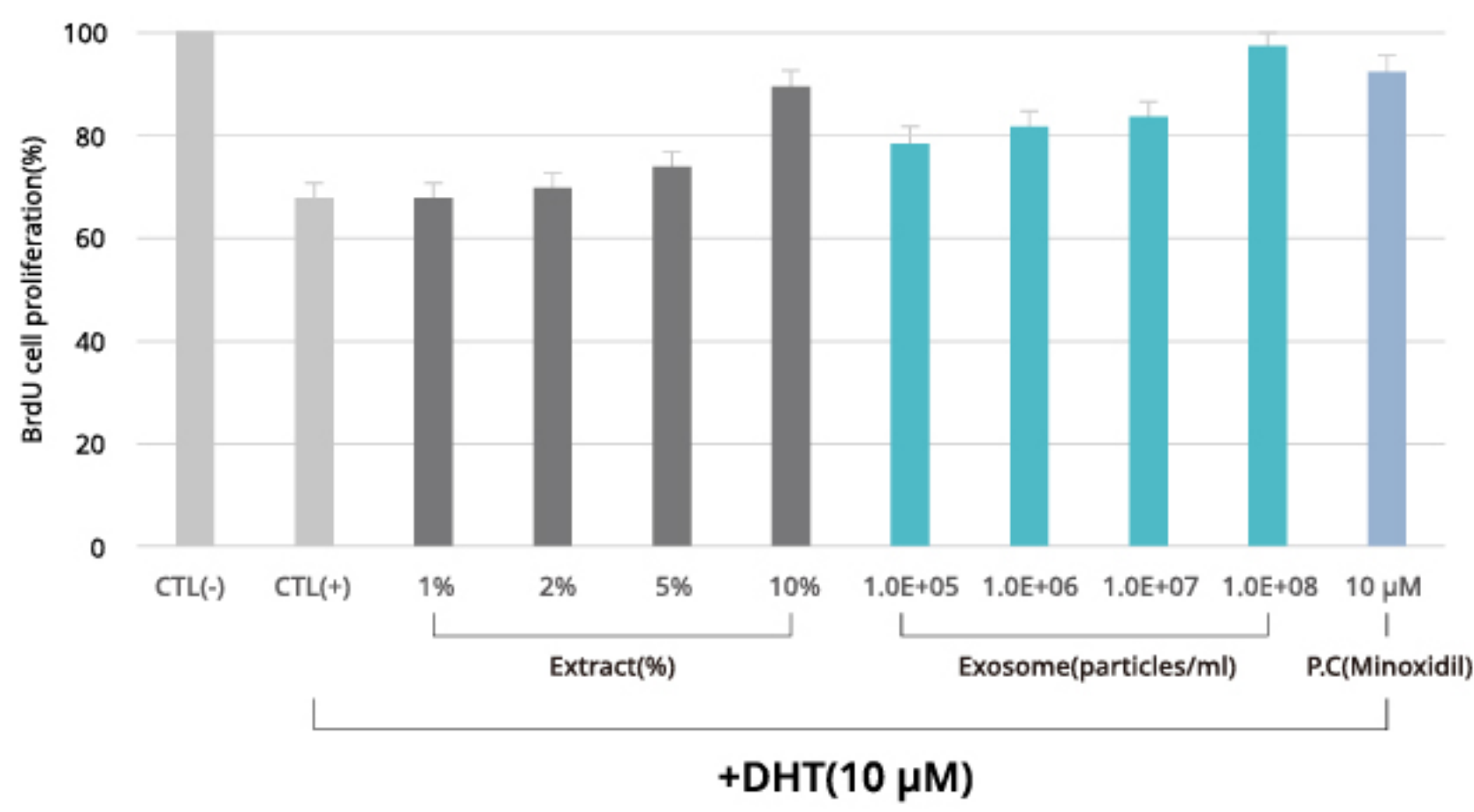
# 3D-Exosome Complex Clinical Trial

Clinical trial results that suppress DHT, the main cause of hair loss, and promote hair follicle cell growth

## Multiflora Bio Exosome

Proliferates hair follicle cells by inhibiting DHT

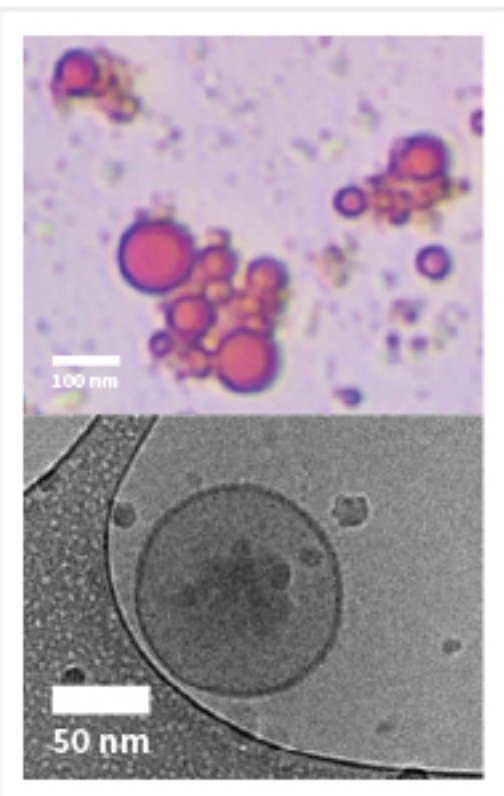
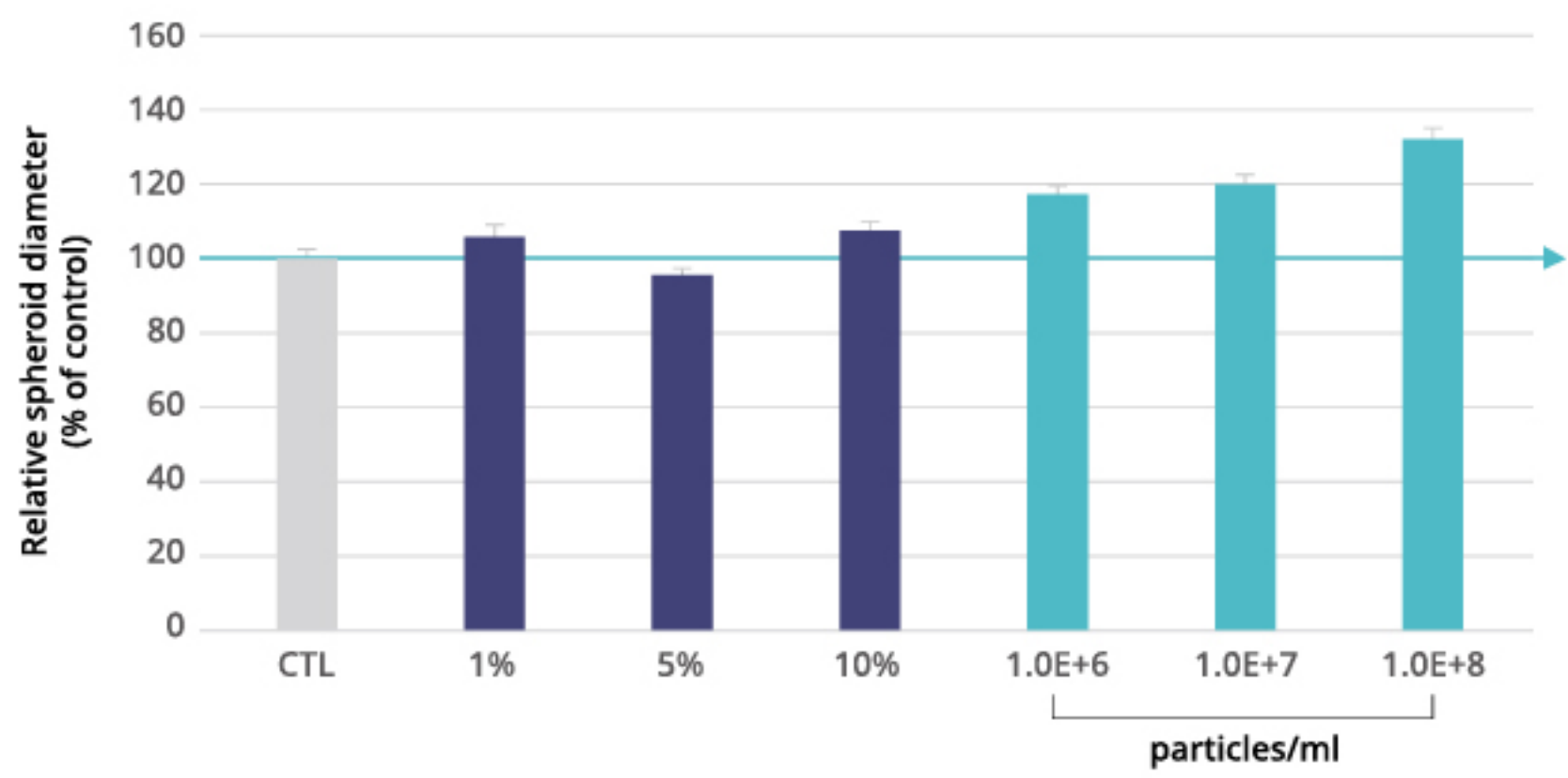
Cell : Human follicle dermal papilla cell (HFDPC)  
Samples : Multiflora Extract  
          Multiflora Exosome  
          Minoxidil



## Broccoli Bio Exosome

Hair follicle cells proliferation experiment data

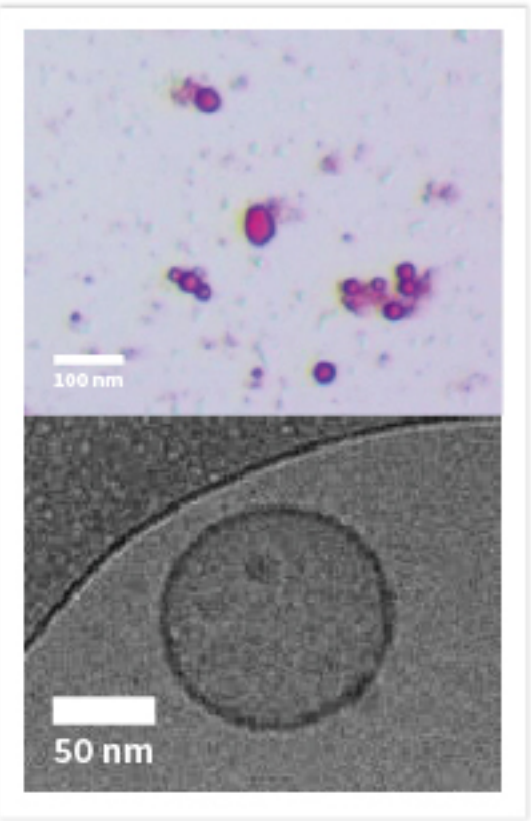
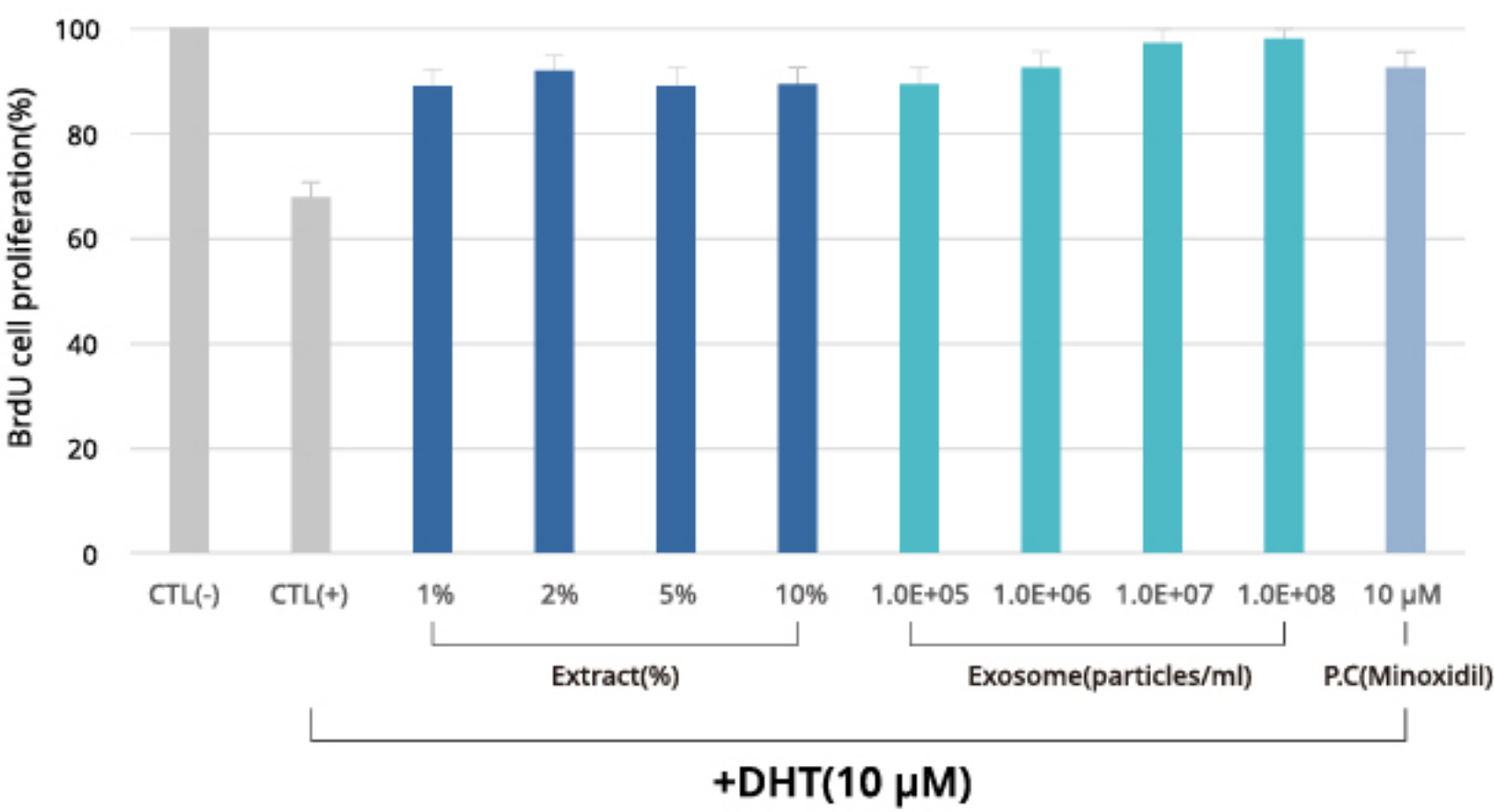
Cell : Human follicle dermal papilla cell (HFDPC)  
Samples : Broccoli Extract  
          Broccoli Exosome



# Heartleaf Bio Exosome

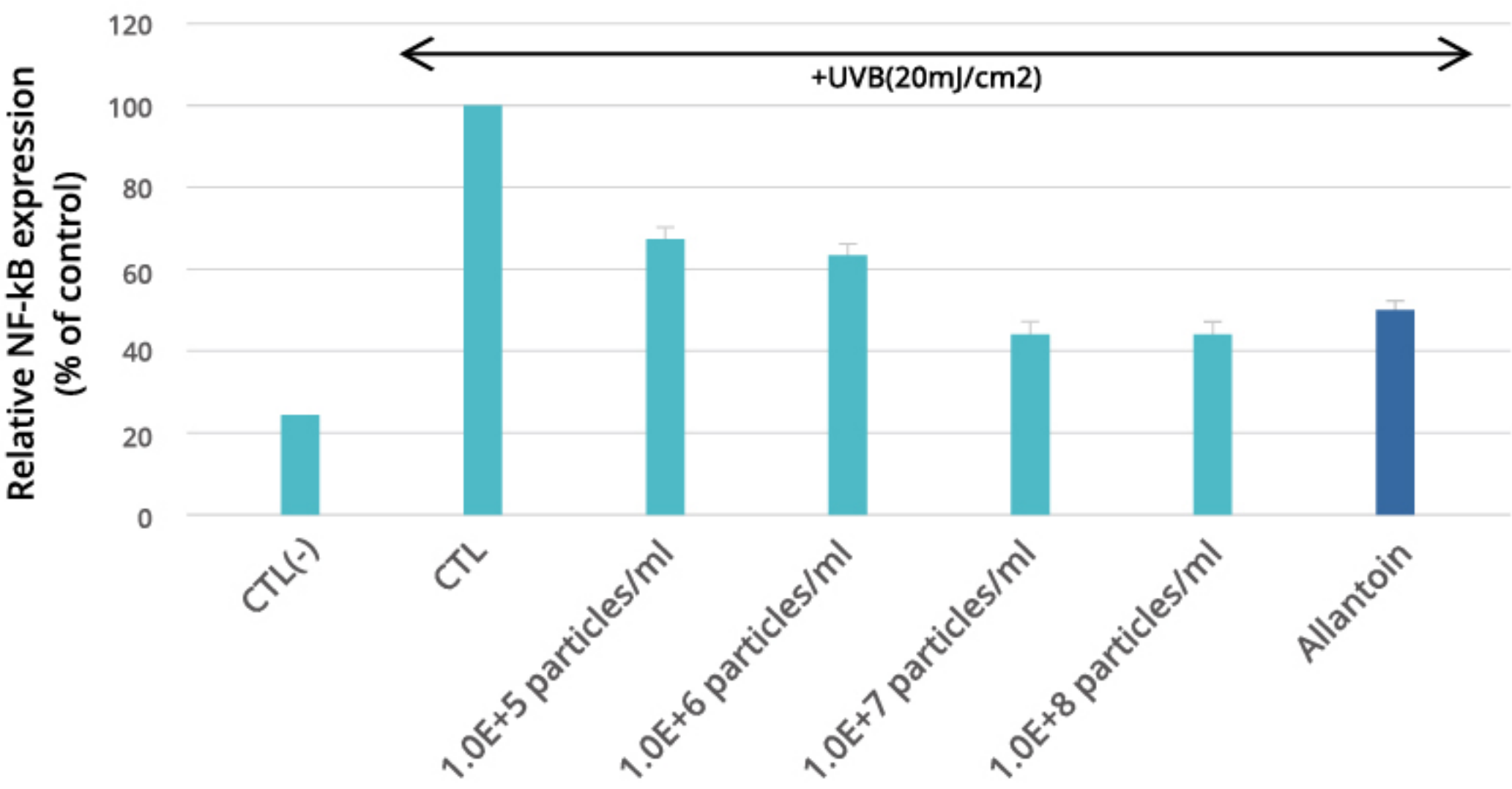
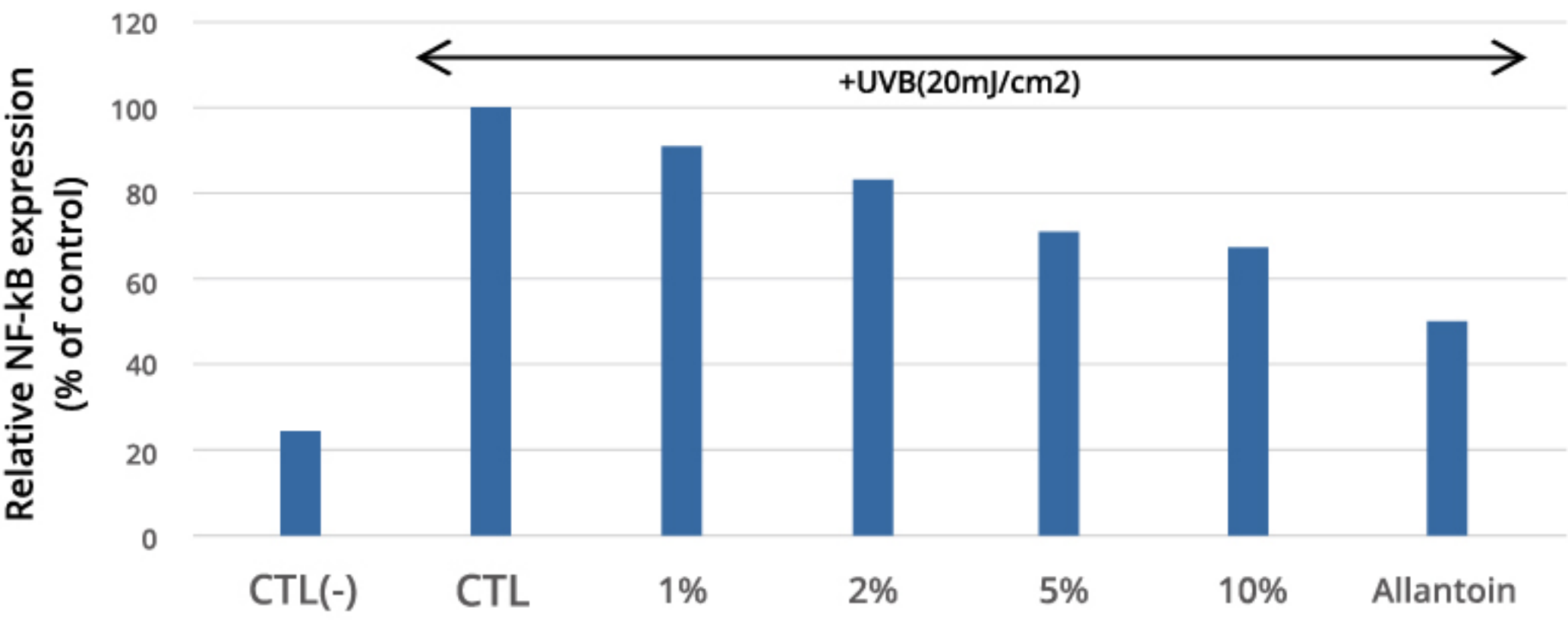
## Proliferates hair follicle cells by inhibiting DHT

Cell : Human follicle dermal papilla cell (HFDPC)  
Samples : Heartleaf Extract  
Heartleaf Exosome  
Minoxidil



## Results of the inflammation response relief test

Cell : Human follicle dermal papilla cell (HFDPC)  
Samples : Heartleaf Extract  
Heartleaf Exosome  
Allantoin



# Post - Treatment Result

After Receiving  
8 Session of HAIRIZ

After Receiving an  
Additional 4 Session of HAIRIZ



Improvement of Alopecia(51 years old male) 8 months after injection photographed by VISIA-CR  
Clinical trials by J Dermatol Treat 2023:90:21-4

■ Thickness : 32µm  
30 ~ 50 Hairs / 1 cm<sup>2</sup>

■ Thickness : 49µm  
± 70 Hairs / 1 cm<sup>2</sup>

■ Thickness : 60µm  
± 97 Hairs / 1 cm<sup>2</sup>

A 51-year-old male with advanced hair loss underwent 12 HAIRIZ treatments over 14 months. The results showed that hair thickness, density, and scalp condition all returned to the range of normal hair health.

After Receiving  
8 Session of HAIRIZ

After Receiving an  
Additional 4 Session of HAIRIZ



Improvement of woman(37) Alopecia 9 months after injection photographed by VISIA-CR  
Clinical trials by J Dermatol Treat 2023:87:11-37

■ Thickness : 57µm  
± 80 Hairs / 1 cm<sup>2</sup>

■ Thickness : 86µm  
± 98 Hairs / 1 cm<sup>2</sup>

■ Thickness : 92µm  
± 115 Hairs / 1 cm<sup>2</sup>

A 37-year-old female with progressed hair loss underwent 12 HAIRIZ treatments over 13 months. The results showed improved scalp blood circulation, reduced hair loss, and darker hair pigmentation.

# Treatment Instruction

## Preparing

- Use a [medical cleanser](#) or wash your scalp with [HAIRIZ Scalp Care Shampoo](#) and rinse thoroughly to ensure no shampoo residue remains.
- Use a warm or cool air dryer to completely dry the scalp, preparing it for the procedure.
- Apply topical anaesthetic to the scalp area if required.
- Remove the applied anaesthetic from the area after 15 ~ 30 minutes.
- To prevent infection, sterilise it using an alcohol swab or other aseptic solution.

## Sessions

The whole course can be repeated after 5 - 6 months

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| Main Course                   | 4 sessions, 2 weeks interval                           |
| Additional Maintenance Course | 4 sessions, 2 weeks interval                           |
| Recommended Dosage            | 2.5 mL / 1 syringe                                     |
| Injection Technique           | Micro-papular injection / intradermal injection        |
| Injection Depth               | 1 ~ 1.5 mm (Middle layer of Dermis)                    |
| Injection Point               | 10 ~ 15 mm per line (Depends on the area of treatment) |
| Injection                     | 0.02 ~ 0.05 mL per point                               |
| Needle Size                   | 30 - 34 Gauge                                          |

## Post-Treatment Care

Soothing the injection area with cooling pack or soothing cream



# Aftercare & Precaution to the patient

## Shampooing

### Within 24 hours after the procedure

- Avoid Shampooing

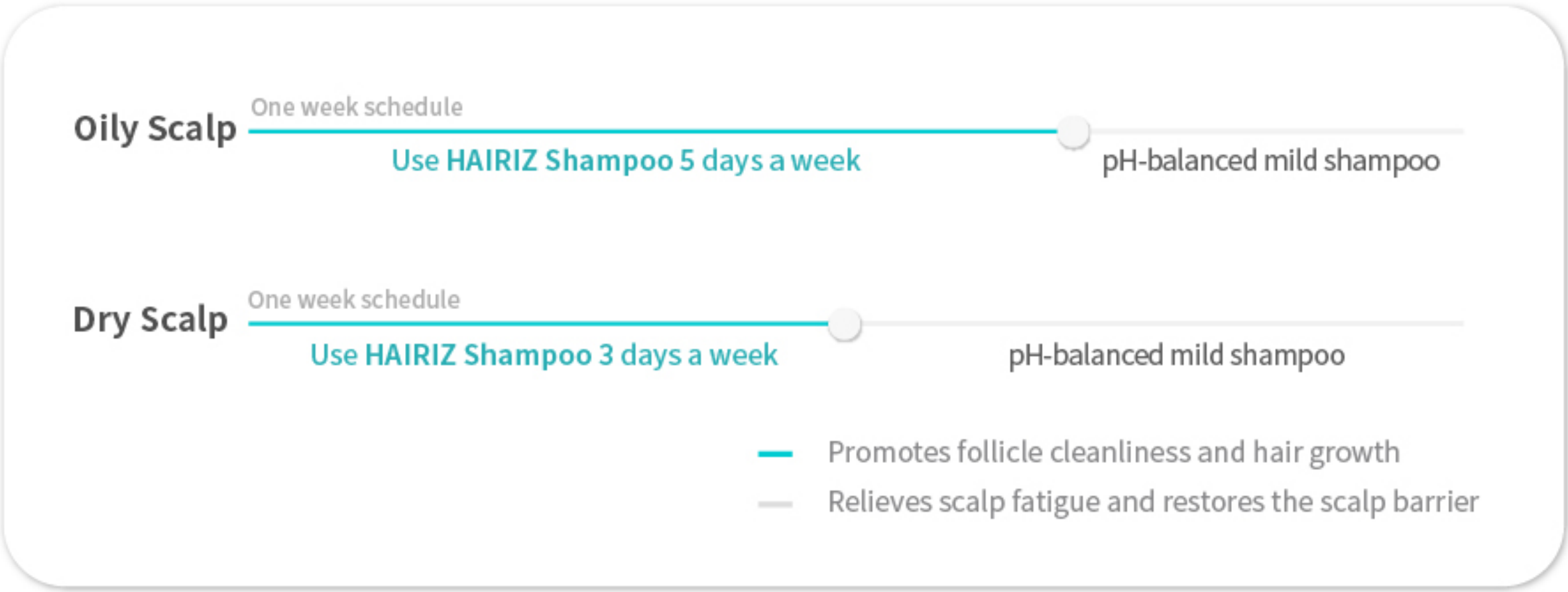
### 24 to 48 hours after the procedure

- Avoid using strong or non-pH-balanced shampoos.
- Gently massage your scalp with HAIRIZ Shampoo while shampooing. Avoid using your nails.
- Since your scalp may be sensitive and warm, avoid hot water and use lukewarm water instead.

- Your scalp is sensitive, so shampoo for only 30 seconds to 1 minute.
- Ensure all shampoo and residues are thoroughly rinsed out.
- In the final rinsing step, finish with moderately cool water.
- Since your scalp is sensitive, do not rub it with a towel. Instead, gently press to remove moisture.
- Use a hairdryer with cool or mildly warm air, keeping a safe distance from the scalp.

### After 2 days post-procedure

- Gradually increase the intensity of your scalp massage while shampooing, depending on the recovery state of your scalp.
- Adjust the shampooing time progressively to 2 to 3 minutes, based on your scalp's sensitivity. For dry scalps, avoid shampooing for longer than 3 minutes.



## Precautions

- On the day of the procedure, avoid hot water, saunas, steam rooms, and heat-based drying. If you must be exposed to direct sunlight for an extended period, it is recommended to wear a hat.
- Within 48 hours after the procedure, refrain from consuming alcohol and smoking.
- Within 5 days after the procedure, avoid excessive physical activities that cause heavy sweating.
- Within 2 weeks after the procedure, minimize chemical treatments such as dyeing, perming, or keratin treatments as much as possible.

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# HAIRIZ



# End-point of Hair filler Treatment

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# HAIRIZ

3D Exo Hair Scalp Care Shampoo

## EXOSOME Anti Hair-loss Formula

Segmented to  
Act Inside of Dermis

HAIRIZ 3D Exo Hair Scalp Care  
**Filler**

Segmented to  
Act Outside of Dermis

HAIRIZ 3D Exo Hair Scalp Care  
**Shampoo**

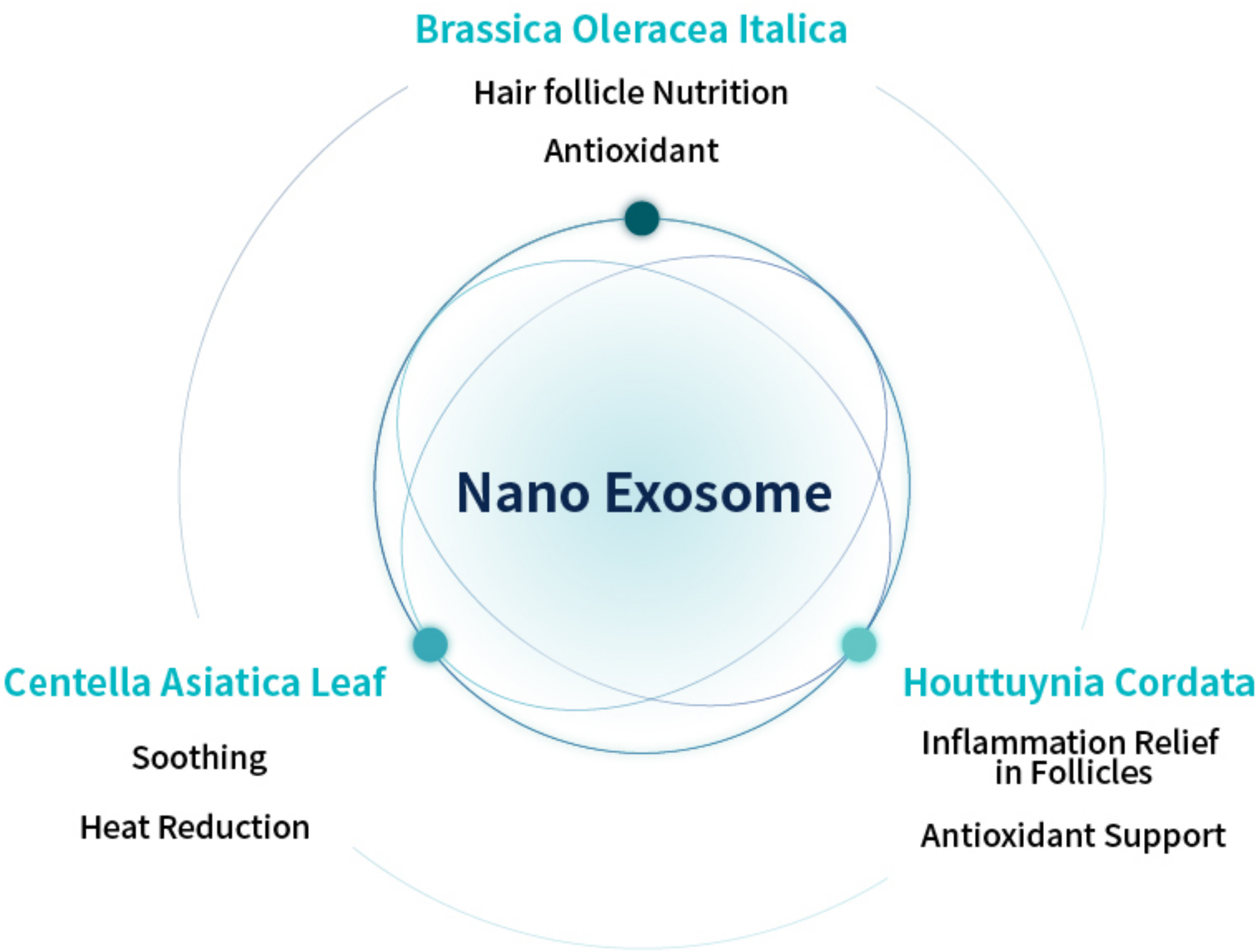


A specialized anti-hair loss shampoo prescribed  
alongside **HAIRIZ** Hair Filler,  
featuring an exosome formula that enhances  
and sustains the effects of the hair filler treatment.

# Intensive Scalp Care Complex

## Absorbable Nano 3D Exo Complex

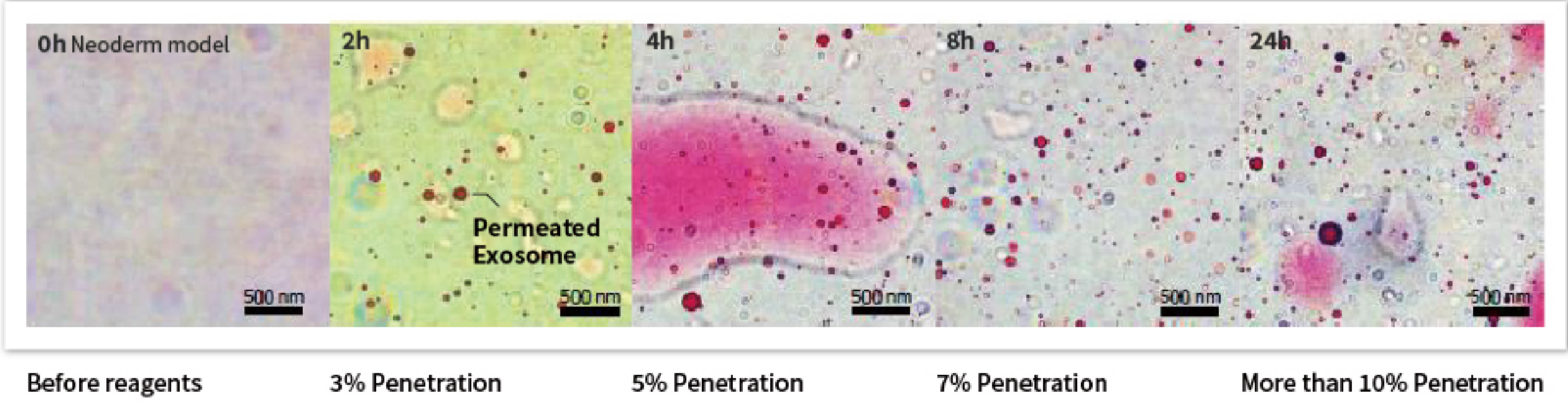
RNA-based signaling vesicles for cell-to-cell interactions  
optimized for hair loss improvement



### Deep Dermal Penetration Nano-Exosome

## Nano 3D-Exo Complex

Nano 3D Exo Absorption Experiment  
Oil red O measurement



# Multi-Peptides & Polymer Complex

18 ingredients formulated for hair loss improvement

## Comprehensive care for the scalp +

### Aftercare for Hair Filler Treatments

3D Exo Anti-inflammatory  
and Soothing Effects

Moisture Supply and Strengthening  
of the Scalp Barrier

### Improvement of the Scalp Environment

Pore Cleansing

Keratin Removal

Reduction of Sebum Secretion

### Support for Hair Growth

Nutritional Supply to Hair Follicles

Antioxidant Protection and Care

### Direct Promotion of Hair Growth

3D Exo Hair Growth Promotion

## A Combination of 7 types of Hyaluronic Acid

for the Scalp's Oil-water Balance

### Formation of a Moisture Barrier

Sodium Hyaluronate

Hydroxypropyltrimonium Hyaluronate

Potassium Hyaluronate

Sodium Hyaluronate Crosspolymer

### Deep Hydration

Hydrolyzed Hyaluronic Acid

Hyaluronic Acid

### Enhanced Adhesion and Absorption

Sodium Acetylated Hyaluronate

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# HAIRIZ

## 3D Exo Hair Scalp Care Filler

[ INGREDIENTS ]

3D Exo complex, Biotinoyl Tripeptide-1, Hyaluronic Acid, Salicylic Acid, Sh-polypeptide-1, Copper Tripeptide-1

[ PACKAGING ]

1 Pre-filled syringe / 1 box 2.5 mL

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# HAIRIZ

## 3D Exo Hair Scalp Care Shampoo

[ INGREDIENTS ]

Water(Aqua), Sodium C14-16 Olefin Sulfonate, Cocamidopropyl Betaine, Cocamide MIPA, Decyl Glucoside, Potassium Cocoyl Glycinate, Disodium Laureth Sulfosuccinate, Sodium Cocoyl Amino Acids, Houttuynia Cordata Extract, Centella Asiatica Leaf Extract, Brassica Oleracea Italica (Broccoli) Extract, Diospyros Kaki Fruit Extract, Camellia Japonica Leaf Extract, Ceratonia Siliqua (Carob) Fruit Extract, Magnolia Officinalis Bark Extract, Rosmarinus Officinalis (Rosemary) Leaf Water, Melaleuca Alternifolia (Tea Tree) Leaf Water, Chamaecyparis Obtusa Water, Biotin, Menthol, Polyquaternium-10, PPG-3 Caprylyl Ether, Butylene Glycol, Glycerin, Sodium Chloride, Tetradecene, Hexadecene, Citric Acid, Panthenol, Salicylic Acid, Polyquaternium-7, Niacinamide, Potassium Dimethicone PEG-7 Panthenyl Phosphate, Sodium Sarcosinate, Propylene Glycol, Lauric Acid, Pentylene Glycol, Sodium Hyaluronate, Hydroxypropyltrimonium Hyaluronate, Hydrolyzed Hyaluronic Acid, Sodium Acetylated Hyaluronate, Hyaluronic Acid, Sodium Hyaluronate Crosspolymer, Copper Tripeptide-1, Acetyl Hexapeptide-8, Palmitoyl Pentapeptide-4, Potassium Hyaluronate, Palmitoyl Tripeptide-1, Palmitoyl Tetrapeptide-7, Sodium Phosphate, Disodium EDTA, Tetrasodium EDTA, 1,2-Hexanediol, Caprylyl Glycol, Hydroxyacetophenone, Sodium Benzoate, Ethylhexylglycerin, Fragrance(Parfum)

[ PACKAGING ]

500g / 17.63 oz