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EXOCEAN

Skin & Scalp Revitalizing Kit

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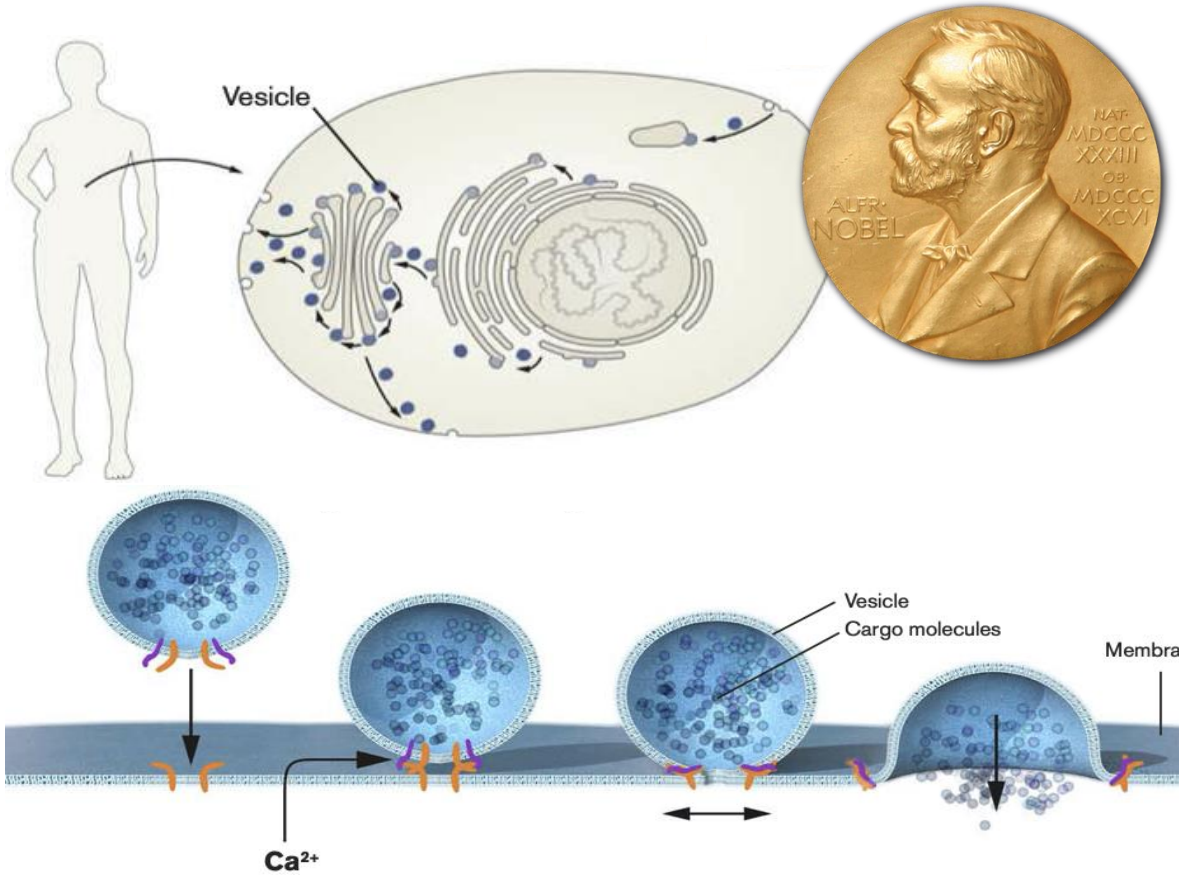
WHAT IS EXOSOME?

The Nobel Prize in Physiology or Medicine 2013

*"**Exosomes** are **extracellular vesicles** generated by all cells"*

Molecules produced in the cell were known to be packaged into **vesicles** (pictured in blue).

Protein complex (pictured in orange) enables vesicles to fuse with their target membranes. Proteins on the vesicle bind to specific complementary proteins on the target membrane, ensuring that the vesicle fuses at the right location and that **cargo molecules are delivered to the correct destination.**



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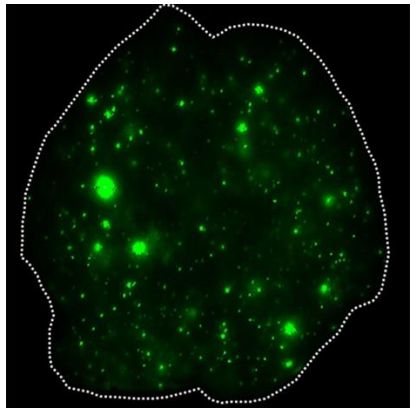
THE ROLE OF EXOSOME

How does it contribute to skin improvement?

- **Including substances beneficial for cell growth**
- **Cell stimulation**
- **Cell activation**

Not only improvement of skin, Exosomes, in green, are being investigated for their potential for diagnosing, treating cancer.



Regulation of gene transcription and translation

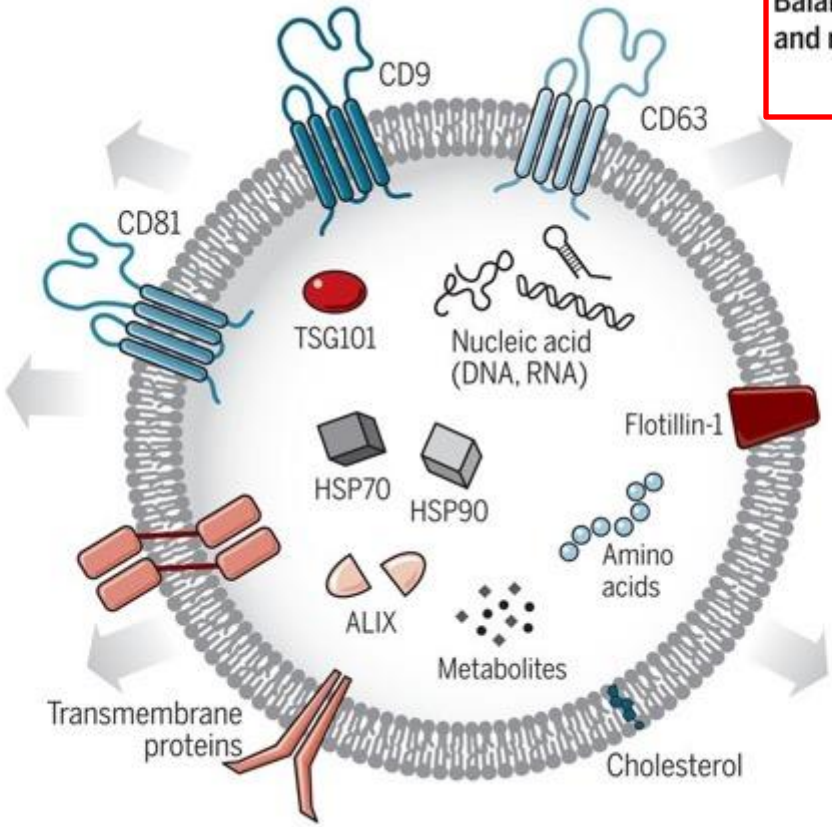
Survival and proliferation

Reproduction and development

Angiogenesis and wound healing

Waste management

Host-microbiome interaction and viral immunity



Balance of immune response and regulation of central and peripheral immunity

Receptor-ligand signaling

Apoptosis

Cellular differentiation and neoplasia

Cellular migration and metastatic disease

Metabolic reprogramming and regulation

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RENAISSANCE BIO

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EXOSOME CHECK POINT

Origin

What type of cells were
the exosomes extracted from?

Cultivation

How were they cultured?

Quality & Quantity of the Exosome

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HOW ABOUT EXOCEAN?

Derived from the Plant

Vegan, Ethical

3D Cultivation Technology

Quality & Quantity Control

38 Billions

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MEET THE NEW EXOSOME!

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EXOCEAN

EXOCEAN is a **pure and rich mixture of Plant Exosome**, Botulinum Polypeptide that target damaged skin and hair cellular structures topically, by providing the nutrients and resources necessary to facilitate the repair of cells.

Exosome Powder

[50mg]

Plant Exosomes
Botulinum Polypeptide

Active Solution

[5ml]

Hyaluronic Acid
Glutathione
NAD+
Amino Acids
Vitamins Peptides

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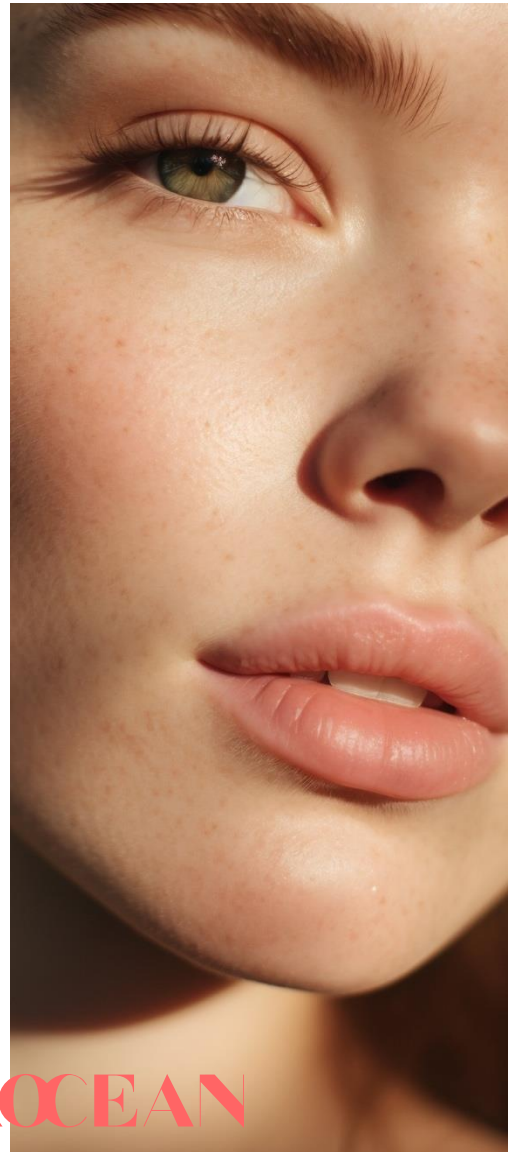
EFFICACY



Plant Stem Cells secrete countless exosomes, soluble proteins, miRNAs, and peptides. They provide incredible effects for skin.

Anti-Oxidant

- Contain diverse antioxidant proteins Increase cell survival against oxidative stress

Anti-Inflammatory

- Alleviate inflammation induced by external stimuli and microorganisms.

Wound Healing

- Increase the migration of dermal fibroblasts
- Activate keratinocytes to accelerate wound healing

Skin Regeneration

- Increase proliferation of HDF(Human Dermal Fibroblast)s
- Increase collagen synthesis Increase dermal thickness

Brightening

- Inhibit melanin synthesis
- Inhibit tyrosinase activity in B16 melanoma cells

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38 Billions Particles of exosomes
Derived from
Lithospermum erythrorhizon.

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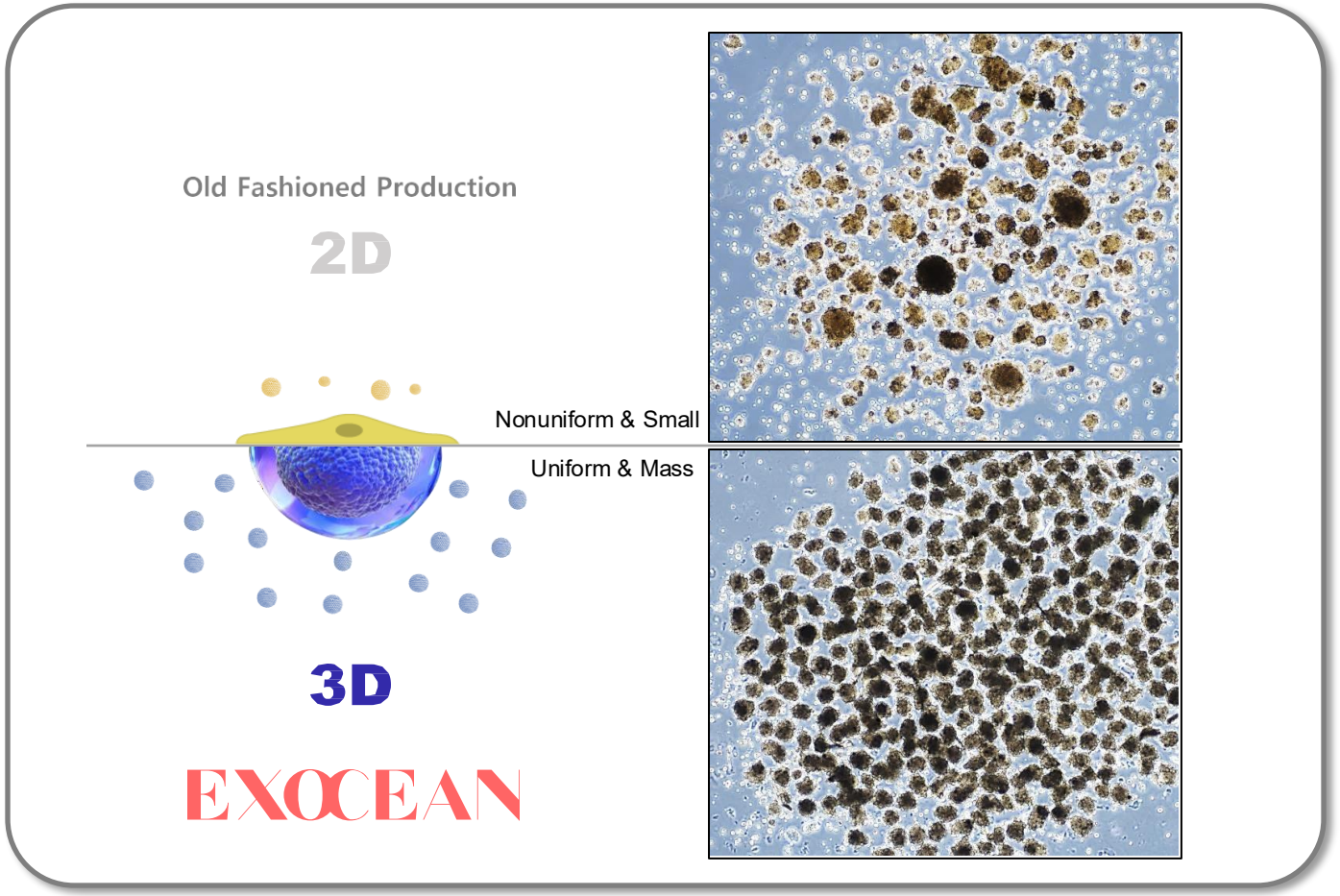
3D CULTURE PLATFORM

Superior Quality, Excellent Quality Control

- High Stability & Uniformity (x4 of 2D)
- Larger-Scale Production (x90 of 2D)



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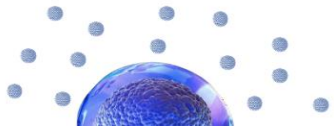
BENEFITS

Product	EXOCEAN	Competitors
Origin	**Plant** Vegan, Ethical	Human adipose tissue, Human amniotic fluid, etc.
Cultivation	**3D Cell Culture-Based Production Technology** 3D 	2D Cell culture (old fashioned production) 2D
Number of particles	**38 Billions**	2.5~10 Billions
Other Ingredients	**Botulinum Polypeptides**	None or some vitamins, minerals
Registration Issue	**Plant ingredient is free from the registration issue**	In some countries, the use of ingredients sourced from humans is **prohibited**.

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PACKAGING

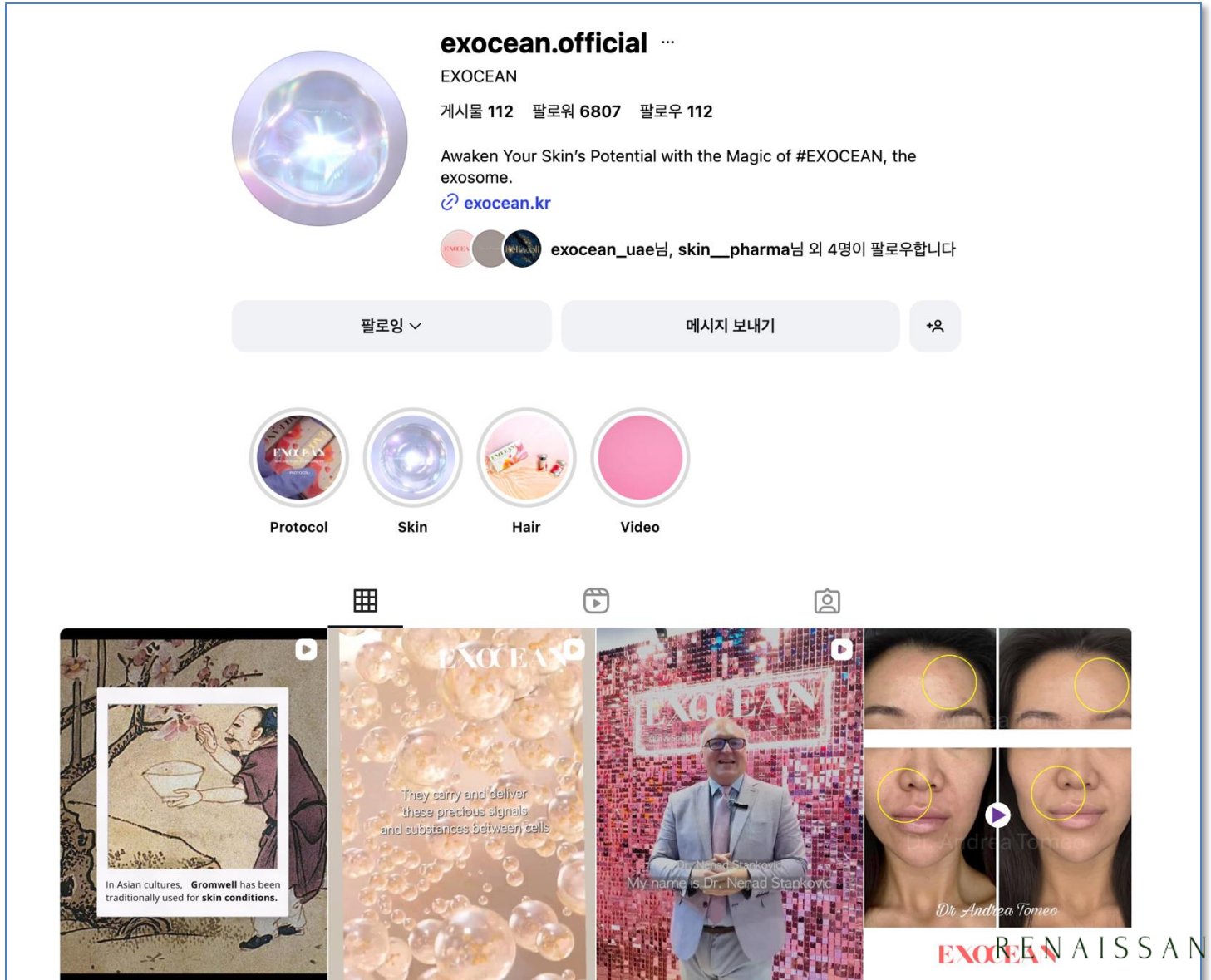
1 set = Lyophilized Exosome Powder **50mg** + Active Solution **5ml**

1 box = 5 set

Follow EXOCEAN on Instagram and stay updated!

@exocean.official

https://www.instagram.com/exocean.official



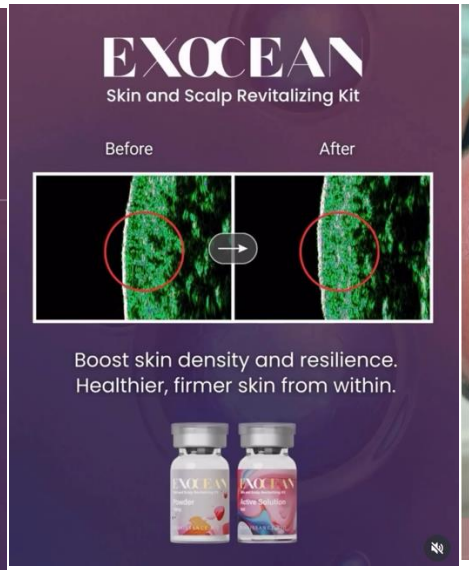
Follow EXOCEAN on Instagram and stay updated!

Protocol

https://www.instagram.com/p/DM7PTbUpdw-/

Before & After

https://www.instagram.com/p/DNppo17p-bR/



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RENAISSANCE BIO

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