

Cosmetic formulation technology

Cell celebrity technology

Applying for patent ※

Cationic Vesicles

Everyone should have wished of it once

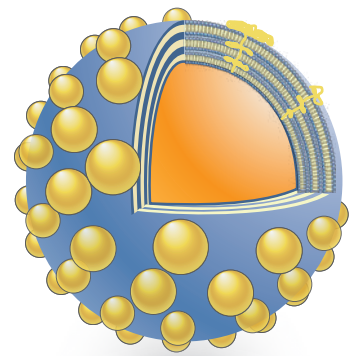
“Soak into bathtub full of beauty serum !”

Haven't you also

ever dreamed of this?

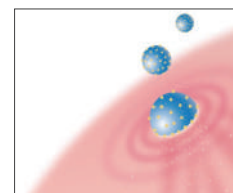
The cell celebrity technology

was developed to meet this dream



Recommend to these companies with confidence!

- ✓ Considering of updating the existing products
- ✓ Utilize the effect of original ingredient to maximum level
- ✓ Wanting to put impact by TV shopping or online sales
- ✓ Detonate sales by introducing new products
- ✓ Extract the power of original skin to the maximum level
- ✓ Want more customers pursuing beauty to be happy
- ✓ Want new technology promptly
- ✓ Increase customer with more smiles



※Cationic Vesicle and their components

Fusion of cationization and nanoization Next generation hybrid capsule

Vesicle made of phosphorous lipid bilayer that possess similar structured membrane as skin cells are known for high affinity with the skin. Our company has developed cationic vesicle technology for single layer and double layer (CSLV, CMLV) by fusing cationized hyaluronic acid with the vesicle made from phosphorous lipid bilayer.

Vesicle encapsulating the active ingredients that is positively charged absorb to the negatively charged skin and able to prevail and permeate into the inner part of cell with active ingredients

High formulation technology

Fusion of 2 technologies

Cationize

Adhere to the Negative skin

▼

Adhesion effect

Vesicle

Capsule with same membrane as cell

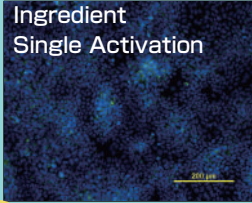
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Penetration effect

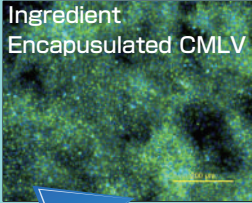
Certain delivery

Deliver to needed cell

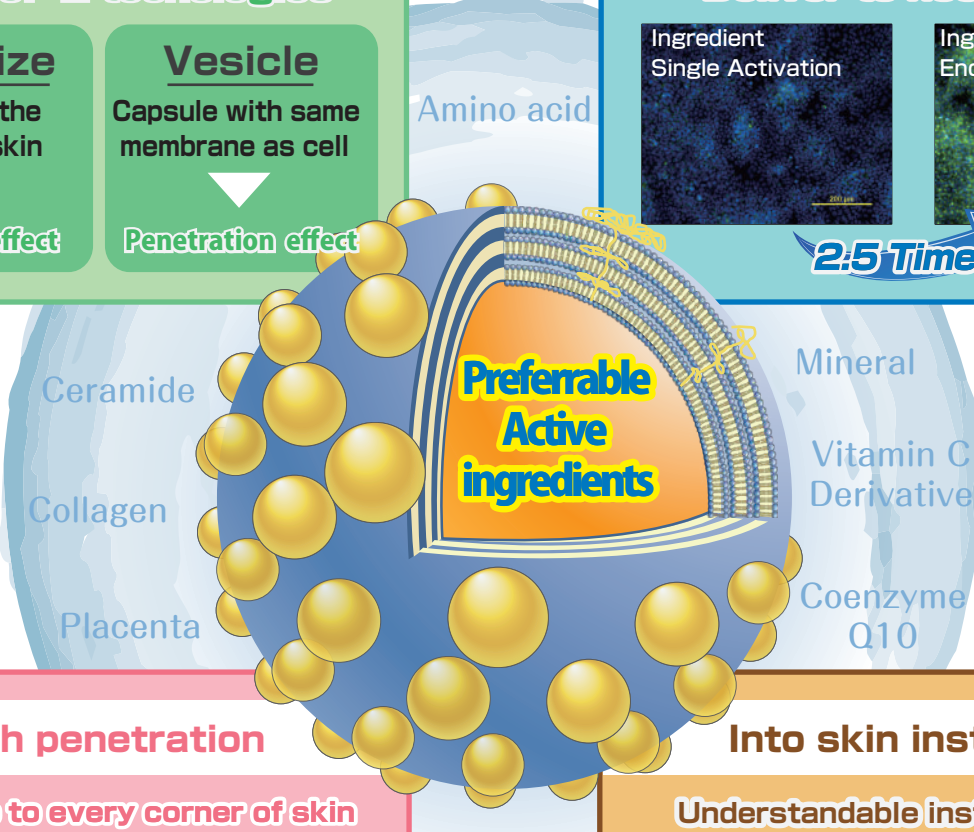
Ingredient Single Activation



Ingredient Encapsulated CMLV



2.5 Times

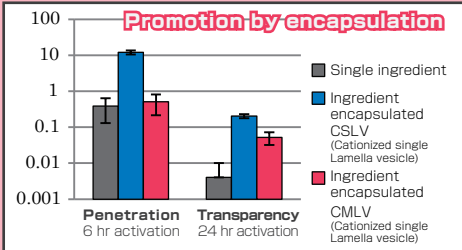


Preferable Active ingredients

High penetration

Penetrate to every corner of skin

Promotion by encapsulation



Category	Single ingredient	Ingredient encapsulated CSLV (Cationized single Lamella vesicle)	Ingredient encapsulated CMLV (Cationized single Lamella vesicle)
Penetration 6 hr activation	~0.3	~10	~0.5
Transparency 24 hr activation	~0.05	~0.2	~0.08

Into skin instantly

Understandable instant effect

Survey whether to feel the difference in texture of serum by cationic vesicles

Survey 333 people	Do not feel Difference	Feel the Difference
Number	6	327
Ratio	1.8%	98.2%

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