



JM MEDIBIO INFORMATION

Introdction Technology Raw Materials Manufacture Facilities LUACELL :: JM Medibio

LUACELL

Cosmetic Stem cell 3 STEP Solution

Based on the cutting-edge bio-technological science, JM Medi Bio has developed and produced LUACELL, the cosmetic stem cell cosmetics together with plastic surgeons, dermatologists, and cosmetics research and development experts. LUACELL is a human cell culture medium cosmetics contain the skin growth factors and excellent ingredients

We will restore the natural beauty of the skin. Feel the changes you have never experienced before.



Jun Min Sun

CEO

Hello? I'M JUN MIN SUN, JM MEDIBIO CEO

LUACELL:: In new innovation of anti-aging, stem cells are used as raw materials.

Focused on the identity of

'Stability', Rreliability', 'Functionality', 'Convenience'

We pursue to establish itself as a leader in cosmeceutical cosmetics.

CEO

JM Medibio

CEOLuacell Medical Skin Cure

Vice Priesident

Kyunghee Medical Foundation

Strategic DirectorDoctor Plus

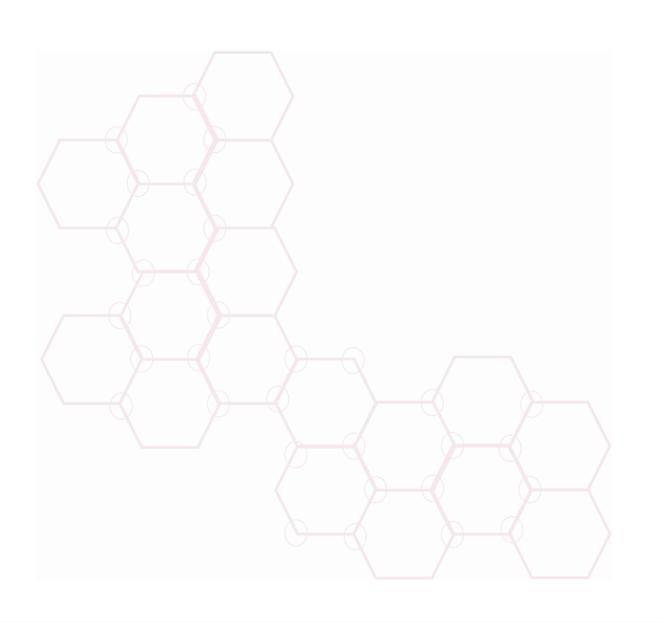


대표이사선준인

PARTERSHIP

Research cooperation and development

JM MediBio proceed the R & D and various projects in cooperation with DR.PLUS, Kyunghee Medical Foundation and GMT International Co., Ltd.,





JM Medibio CO., Ltd

Specialized stem cell company
Stem cell cosmetics manufacturing
Conduct R & D and business



Kyunghee Medical Foundation

Establish asian medical cooperation hospital Operation of domestic and overseas medical institutions Operation of intractable disease and stem cell treatment center



Doctor Plus

It is a representative brand to certify the Safety, Reliability, and Functionality Domestic and overseas medical, health, beauty Franchise and total consulting progress



GMT International CO. Ltd

Domestic and overseas health and beauty business Domestic Sales and Overseas Exports Proceeds profit through Doctor Plus



Korea Health Promotion Association

As a non-profit corporation
In-house and budget business for health promotion, health
education business, certification business
Domestic and overseas health management center



DEVELOPMENT

Product research, development and service

JM MediBio proceed the R & D and various projects in cooperation with DR.PLUS, Kyunghee Medical Foundation and GMT International Co., Ltd.,

Product Research and Development

Supplied Care Cell Stem Cell Ampoule to Dr. Hpharm
Supplied Rene Stem Cell Ampoule to Juvicos
Supplied Ruby Cell Mist Toner to Afrozone
Manufactured & launched Inogen Brand of Body & Face products
Manufactured & launched Adult stem cell product to CELONIAMedipost
Supplied supply stem cell ampoule to Cell course B.S.C
Manufactured & launched Inogen CC Cream
Manufactured & launched Pretitian 9 species
Opened COCOS store in Japan (Shinjuku, Harajuku, Osaka)
Launched cosmetics using singer 'Kara' in Japan
Launched in China, launches InnoZen, Petitian, CELONIA brand
Manufactured & launched Cell Cutis 99% Human stem cell line
Supplied Cellonskin Celton Skin Stem Cell Ampule BB · Cream ·
Mask Pack

Supplied SARACELL stem cell ampoule cream · Shampoo
Manufactured & launched 7 kinds of Celloi cosmetics
Supplied Celloi stem cell Ampoule· Cream· 3 kinds of Body Products
·Shampoo
Manufactured & launched MeiCell cosmetics brand in China
Supplied MeiCell stem cell Ampoule · Cream · 2-Step mask pack ·
Shampoo
Manufacturing and launching LUACELL Cosmeceutical Brand · Stem Cell
Ampoule · Cream

Manufactured & launched SARACELL cosmetics brand

·Mask Pack ·3-Step Solution



Members of the Korean Society of Stem Cells
Signed an academic-industrial cooperation with Seoul National University
Signed research project for Kyunghee University











What is Stem Cells?

The human body consists of about 210 different cells.

Each cell is responsible for life activity while maintaining its unique characteristics.

Like all other living things, our body's cells have a definite lifespan.

The new cells are constantly being filled up instead of the end of life cells.

The source of this new cell is the STEM CELL.

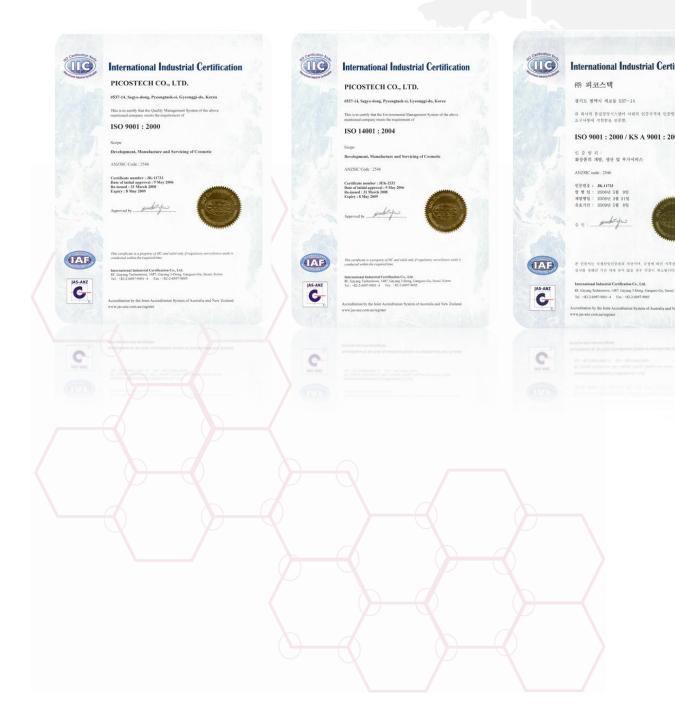


Approximately 100 patent applications

Acquired ISO 9001 and 14001 certification and possess the world's best nano-technology

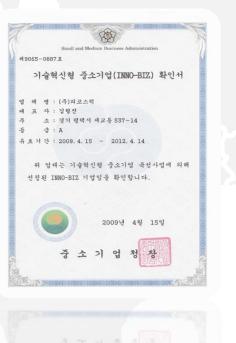
Development of coenzyme nano-technology ceramide









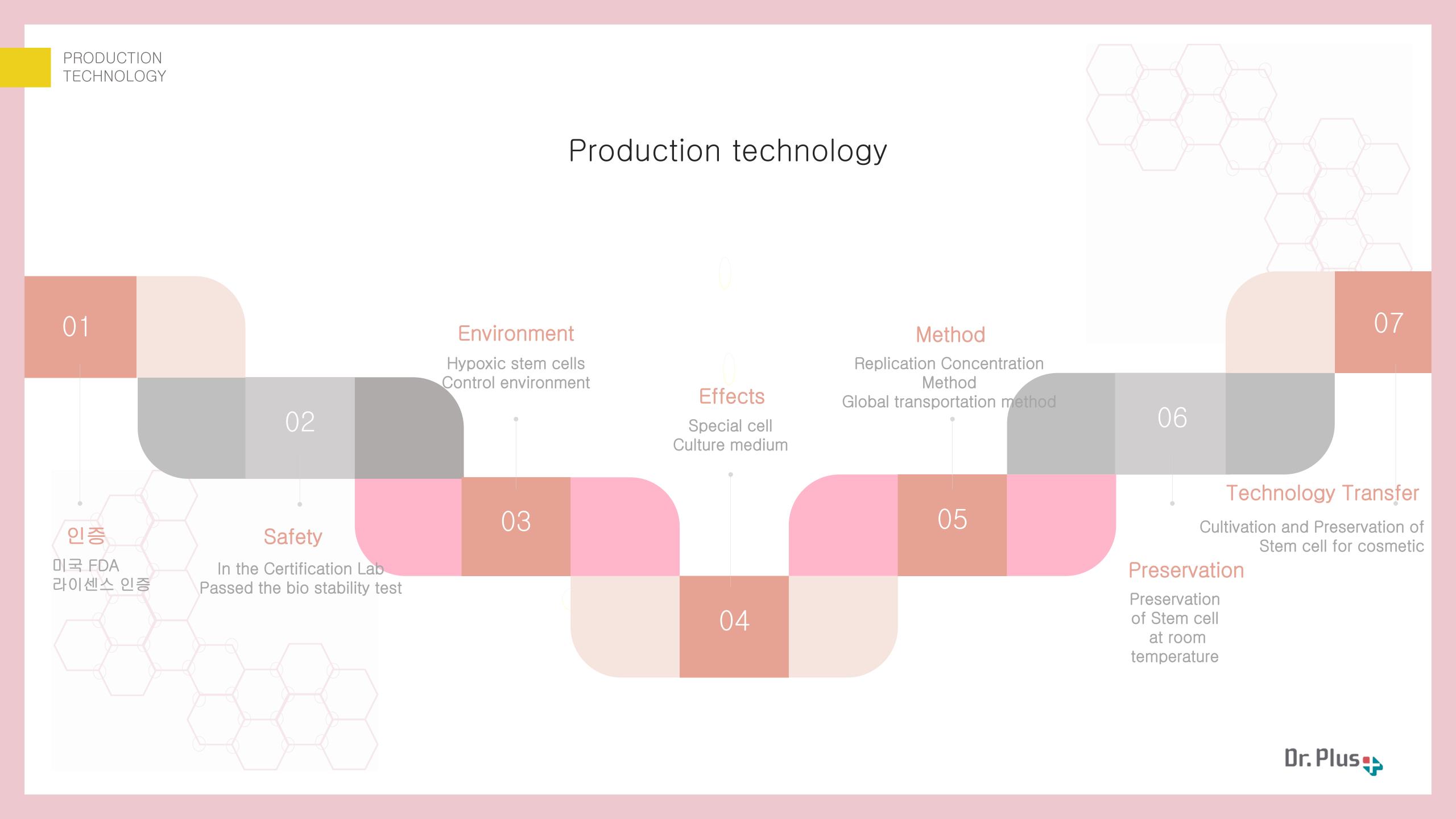












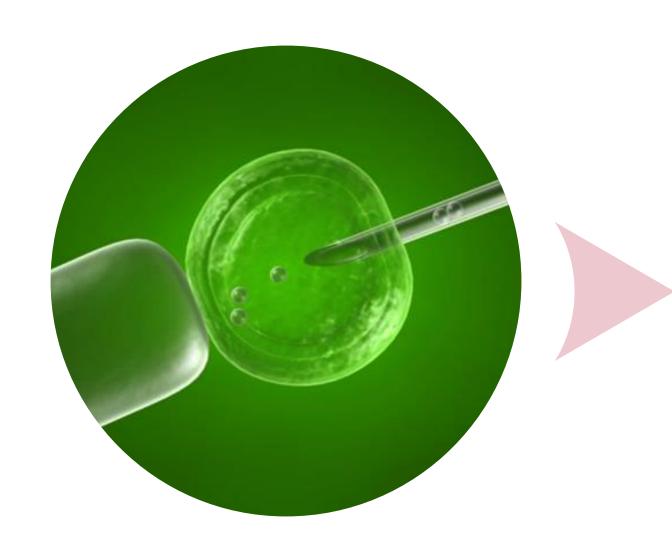
Human stimulation test



100% harmless to the human body

Test Verified

Stem cell culture preparation



The world's first stem cell therapy
Production and QC of culture in GMP
manufacturing facility
(Medicine manufacturing facility grade)

12 harmful ingredients are not added

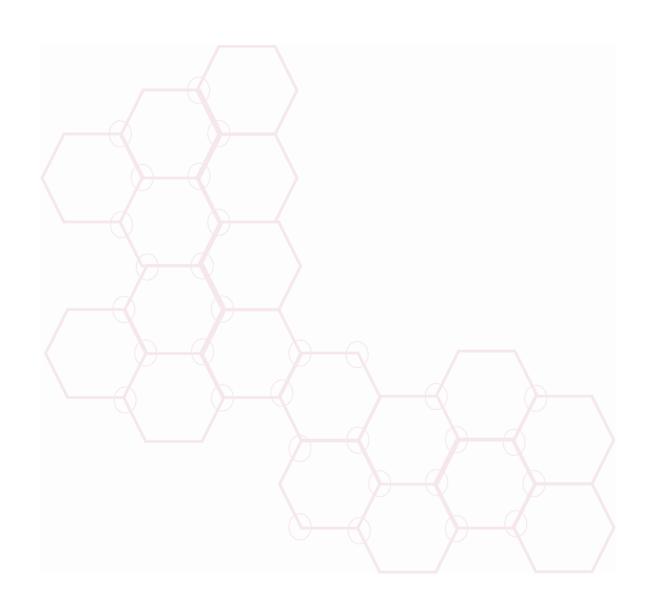


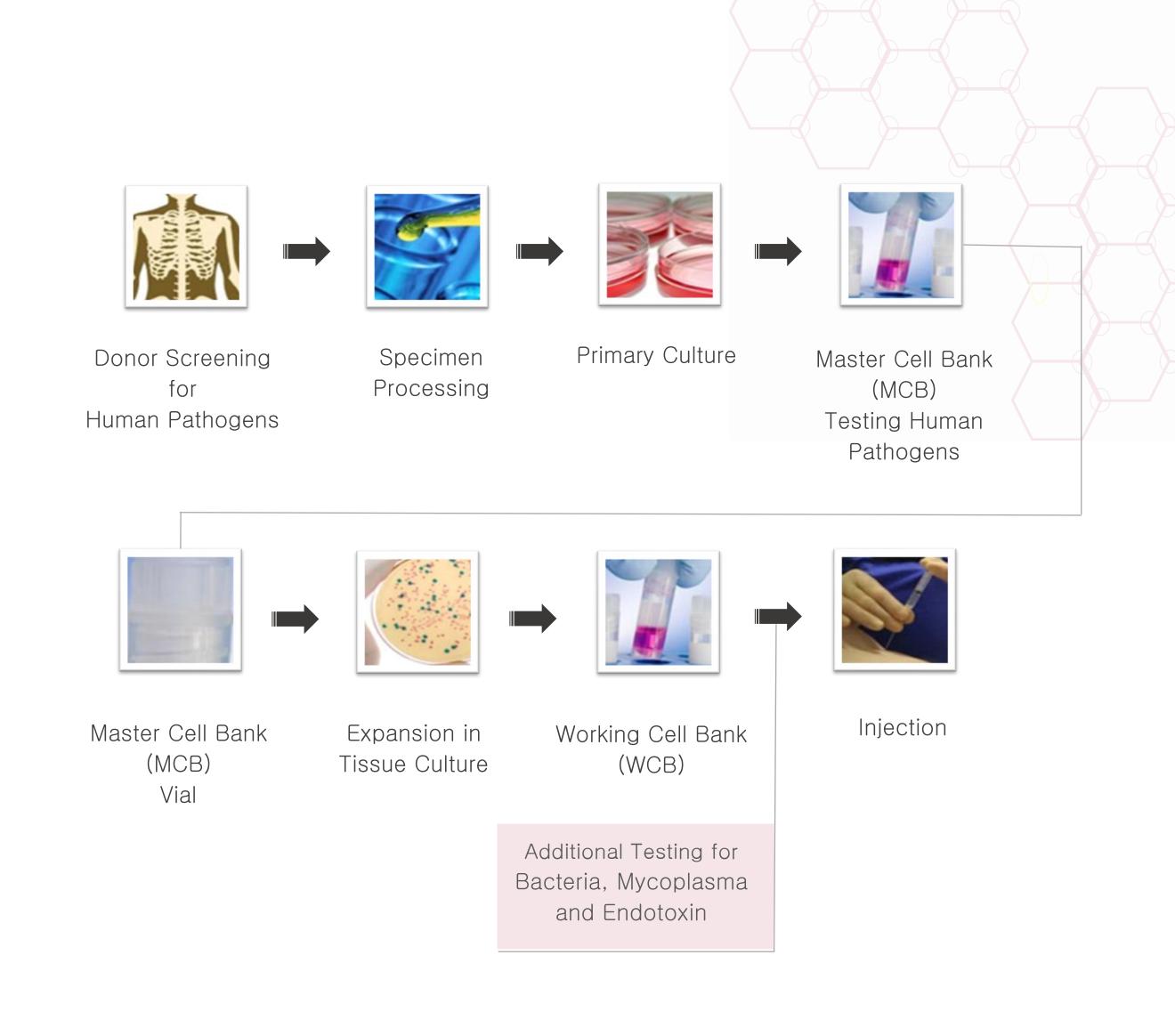
Don't add
Parabens, formaldehyde, SLS, artificial
fragrance, Artificial coloring matter, mineral
oil, GMO, dioxin, benzophenone, phthalate,
oxibenzone, triclosan

8-Step Tech

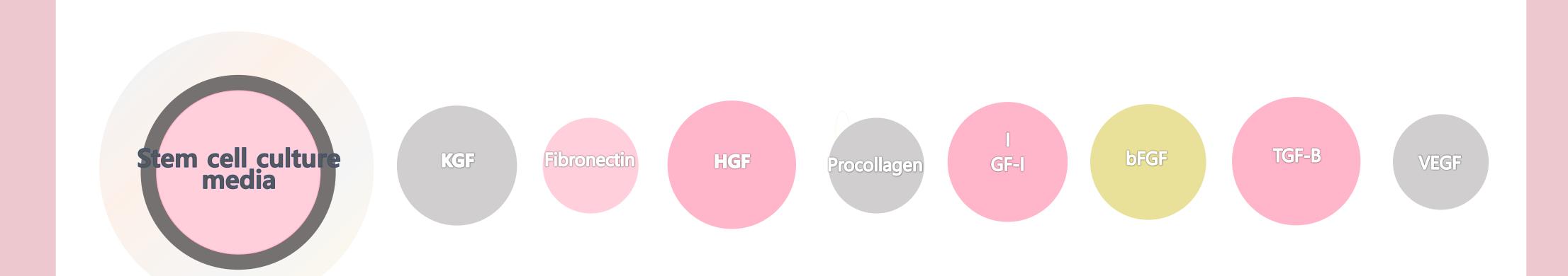
생산기술

제이엠 메디바이오는 총 8단계에 거친 생산 기술로, 안정성을 더욱 높였습니다.









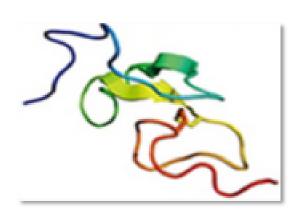
Human lipid mesenchymal stem cells

Human lipid mesenchymal stem cells are present in the skin and allow the aging skin to regenerate into new cells.

Stem cell cosmetics use a variety of nutrients and growth factors that are secreted during stem cell culture. Various growth factors of human lipid mesenchymal stem cells have been shown to induce collagen production It not only helps, but also prevents pigmentation and creates a transparent and elastic skin.







EGF (Epidermal Growth Factor) Nobel Prize Winner: Stanley Cohen

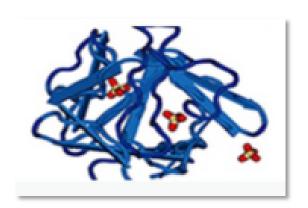
Effects Anti-aging, anti-wrinkle, wound recovery

Characteristics	Cara Cell-EGF
INCI name	Sh-oligopeptide-1
Gene Source	Human
Protein Source	E.Coli purified
Appearance	White Powder
Purity [SDS-PAGE]	>92% ±5%

- Induce cell division and promote epithelial cell growth
- Promoting angiogenesis and inducing regeneration-promoting factors in skin-damaged areas
- Most of the Cytokines affecting the skin are regulated by the expression and the timing of the expression, thus affecting the growth, differentiation and migration of cells. Promoting the proliferation of fibroblasts involved in collagen synthesis







FGF (Fibroblast Growth Factor)

Effects Anti-aging, anti-wrinkle, wound recovery, Anti-hair loss, hair growth

Characteristics	Cara Cell-EGF
INCI name	Rh-polypeptide-11
Gene Source	Human
Protein Source	E.Coli purified
Appearance	White Powder
Purity [SDS-PAGE]	>92% ±5%

- 1. Stimulates epithelial cell growth. Particularly involved in wound healing
- 2. Collagen synthesis and wrinkle recovery
- 3. Hair loss prevention and nerve regeneration







KGF (Keratinocyte Growth Factor)

Effects Anti-aging, anti-wrinkle, wound recovery

Characteristics	Cara Cell-EGF
INCI name	Rh-polypeptide-3
Gene Source	Human
Protein Source	E.Coli purified
Appearance	White Powder
Purity [SDS-PAGE]	>92% ±5%

- 1. As an important mediator of hair growth, it affects early hair growth promotion
- 2. Involved in cell-cell adhesion and proliferation
- 3. Involved in epithelial cell regeneration
- 4. Wound healing efficacy





VEGF-A (Vascula Endothelial Growth Factor-A)

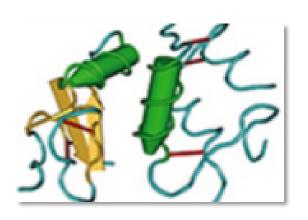
Effects Anti-aging, anti-wrinkle, wound recovery

Characteristics	Cara Cell-VEGF-A
INCI name	Rh-polypeptide-9
Gene Source	Human
Protein Source	E.Coli purified
Appearance	White Powder
Purity [SDS-PAGE]	>92% ±5%

- 1. Derived from platelets
- 2. Promoting division of vascular endothelial cells and engraftment of angiogenesis
- 3. Produced in human dermal papilla cells to promote hair growth
- 4. Maintain the survival of newly formed blood vessels by inhibiting cell death







IGF-1 (Insulin Growth Factor-1)

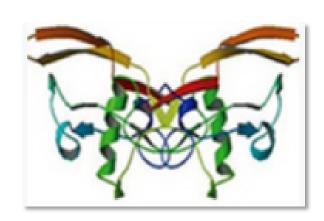
Effects Anti-aging, anti-wrinkle, wound recovery

Characteristics	Cara Cell-IGF-1
INCI name	Rh-polypeptide-2
Gene Source	Human
Protein Source	E.Coli purified
Appearance	White Powder
Purity [SDS-PAGE]	>92% ±5%

- 1. Acts as growth hormone (GH) / promotes proliferation of sex-infant cells
- 2. Improved cell regeneration in damaged skin cells
- 3. Aging forms new blood vessels in cells with reduced blood vessels
- 4. Promotes by affecting hair growth
- 5. Form bone, muscle, and nervous tissue







TGF (Transformation Growth Factor)

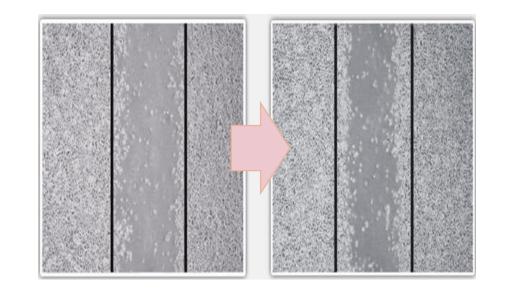
Effects Anti-aging, anti-wrinkle, wound recovery

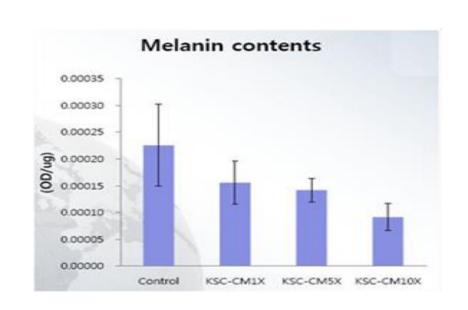
Characteristics	Cara Cell-TGF
INCI name	Rh-polypeptide-22
Gene Source	Human
Protein Source	E.Coli purified
Appearance	White Powder
Purity [SDS-PAGE]	>92% ±5%

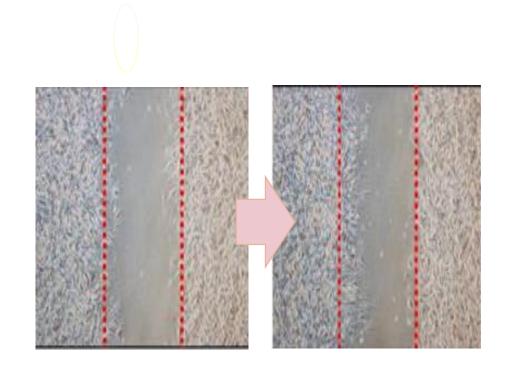
- 1. Promotes epithelial cell growth
- 2. Involved in cell proliferation, differentiation and death
- 3. Promotes collagen production and wrinkle recovery
- 4. Avoiding hair loss and engaging in nerve regeneration

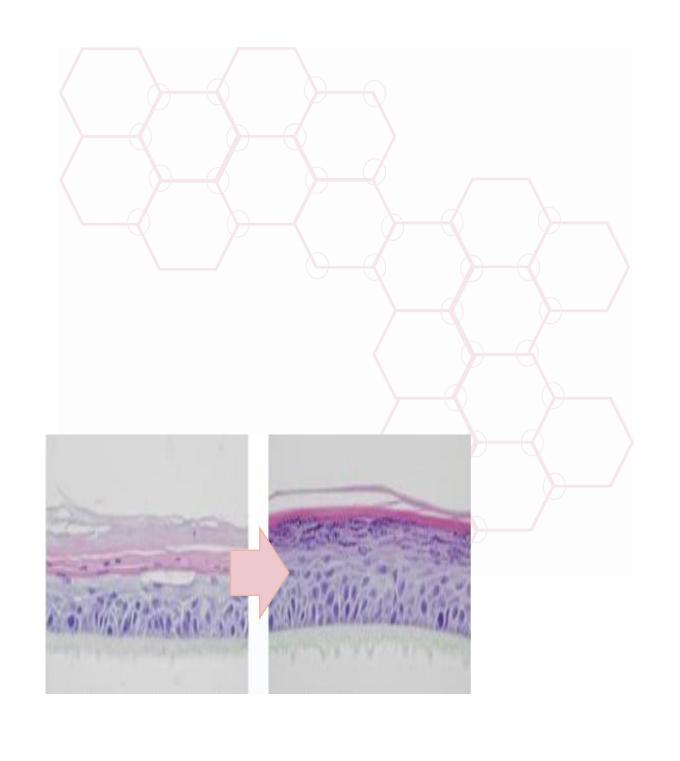


Experiment result









SKIN CURE & REGENERATION

피부 표피의 상처에 줄기세포를 투여한 뒤, 세포의 수와 이동성이 증가하는 모습 MELANIN INHIBITION

멜라닌 생성 수치가 감소하는 그래프 SKIN WRINKLES INPROVING

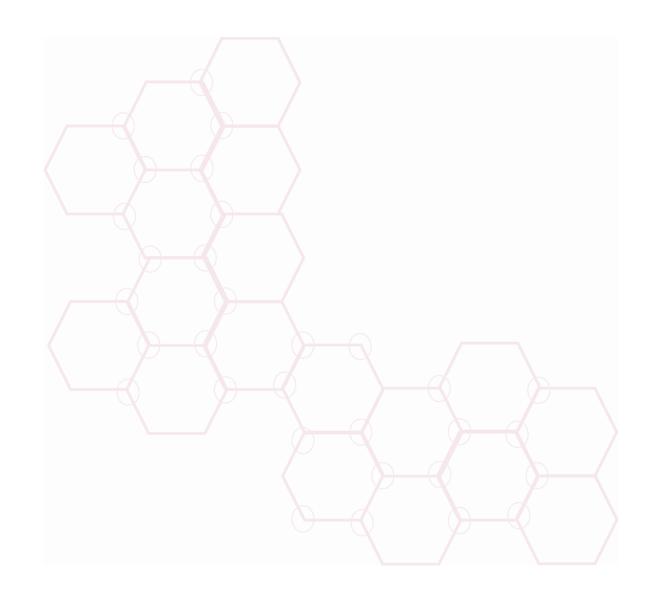
피부 진피세포의 증식과 이동이 촉진되는 실험 SKIN LAYER REINFORCE

줄기세포 배양액 투여 후, 피부 세포의 수가 증가하고 층이 두꺼워졌으며 각질층의 단단함 증가



FACILITY/INCUBATE

JM Medibio produces LUACELL effectively in three sections: a culture facility, a manufacturing facility and a laboratory.



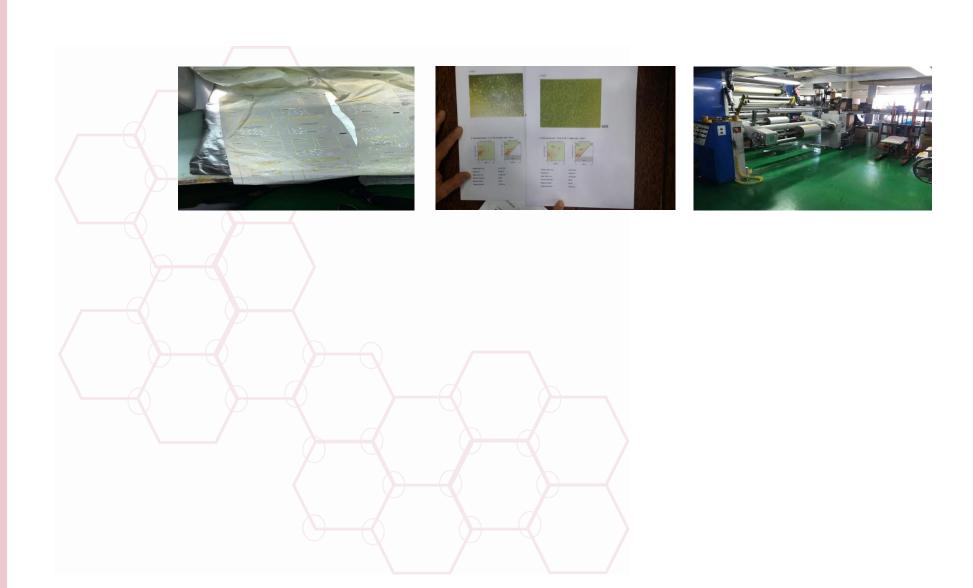




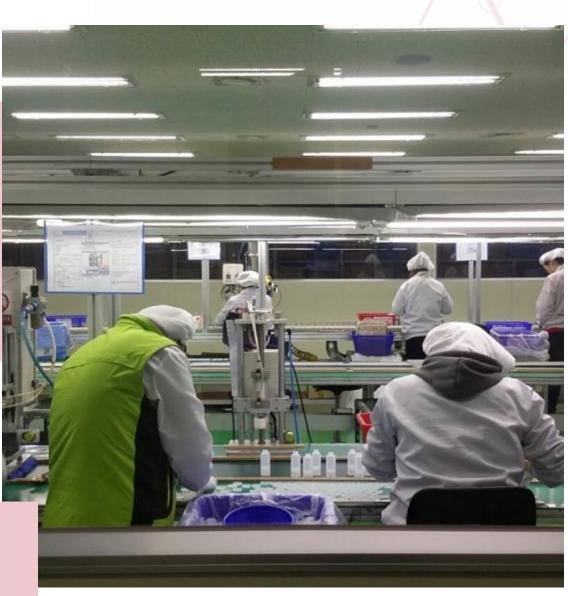


FACILITY/ PRODUCT

JM Medibio produces LUACELL effectively in three sections: a culture facility, a manufacturing facility and a laboratory.









FACILITY/LAB

JM Medibio produces LUACELL effectively in three sections: a culture facility, a manufacturing facility and a laboratory.











로아셀 소개

LUACELL is TOTAL SOULTION product

Ampoule, Mask pack, Cream

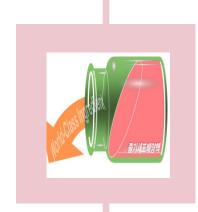
Three things in one place











Stem cell culture media Nutrition supply Control oil-water balance



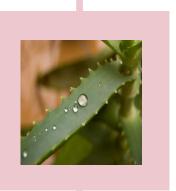
Rosemary leaf
Pore convergence
Antioxidant
Anti-inflammatory



Snail mucus
Wrinkle
improvement
and whitening
Skin
regeneration
Nutrition supply



Grapefruit
extract
Skin recovery
wrinkle
improvement



Aloe Vera
Antiinflammatory
action
Acne
improvement
Skin calming



Tea tree leaf
extract
Sterilization
Immune
strengthening



Placenta protein
Skin
regeneration
Elasticity
moisturizing
Scar
improvement



oleracea
extract
Antiinflammatory,
antimicrobial
Skin soothing
Skin
moisturizing

Portulaca



Chamomile
Skin soothing
Trouble
mitigation



LUACELL INTRODUCTION





Stem cell culture media
Nutrition supply
Control oil-water balance



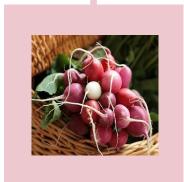
Grapefruit
extract
Skin recovery
wrinkle
improvement



Placenta protein
Skin
regeneration
Elasticity
moisturizing
Scar
improvement



Snail mucus
Wrinkle
improvement
and whitening
Skin
regeneration
Nutrition supply



Moisturizing Elasticity Burnish

배타민



LUACELL INTRODUCTION





Culture Media Stem cell culture solution Grapefruit peel oil

Extract

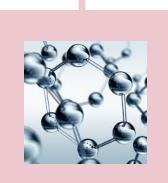
Grapefruit extract 베타인 쉐어버터 세라마이드엔피

Deep sea water



Oils

Chamomile flower oil Orange flower oil Musk rose seed oil Rose oil Olive oil



Peptide

Acetyl hexapeptide Palmitoyl tripeptide Capper tripeptide

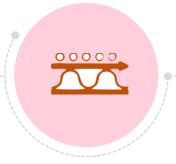




LUACELL 3-Step Solution Effect









Radiant skin

Gently assemble skin keratin

Fine pores

Provide skin with enough moisture and nutrition

Smooth skin texture

Maintain moist skin texture

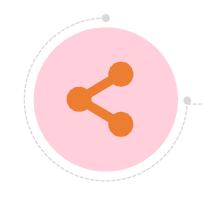
Increase elasticity

Change to a glossy skin without stickiness



Why is it Cuprasheet?

Effectively deliver the active ingredients in a high-absorbency cuprasheet to the skin with excellent adhesion









자극이 적다

친환경섬유로 만든 셀룰로오스 섬유로 피부에 저자극



Smooth and breathable than cotton, reducing stuffiness and heaviness

Good absorbency

The tissue is thin and fine and supplies more than 10 times moisture and nutrients

Good delivery capability

Eeffective absorption of ingredients to skin due to excellent adhesion





LUACELL / 3STEP SOULTION

LUACELL 3 step solution, let's use like this!



- 01. After facial cleansing, make up your skin texture.
- 02. Separate 1 STEP ampoule, spread it on the skin and absorb it.
- 03. Extract 2 STEP maskpack and tighten the sheet to fit the face shape.
- 04. Absorb thoroughly for more than 30 minutes and remove the mask.
- 05. With 3 STEP cream, spread on skin and absorbed..







Introduction of products

PURE RECOVERY AMPOULE

- Does not irritate the skin at all and helps the natural healing of skin
 - Excellent effect on whitening and trouble improvement
 - Brightening, pore reduction, effective for facial lifting
 - Effect on increasing elasticity and wrinkle removal





Introduction of products

PURE RECOVERY CREAM

- -Fresh feeling and quick absorption
- -Balancing oil and moisture of skin.
- -Moisturizing and whitening, soothing effect
- -Can feel a definite change within 15 days.





Introduction of products

LUACELL PEELING GEL

Removes old keratin and wastes in pores at once

It eliminates wastes
and old keratin
materials without
stimulation. With the
effect of fermented
mushroom
ingredients such as
Phellinus linteus,
Chagas, etc. It
resolves skin
troubles and
prepares it as clear
and clean skin.

Skin Hydration and Trouble Care

Collagen and tea tree make up the skin that is clear and vital. PH Balance adjusts to moisturize and elasticize the skin.

PH 6 low-irritant mild peeling gel

Atopy, acne skin, infant skin can be used smoothly without scrub

More moisturized with stem cell culture media

Contains 30mg of stem cell culture media, protects skin with more moisturizing power after exfoliating

Moisturizing and supply nutrition for skin

Contains natural cellulosic ingredients to hydrate and nourish the skin to gently exfoliate skin

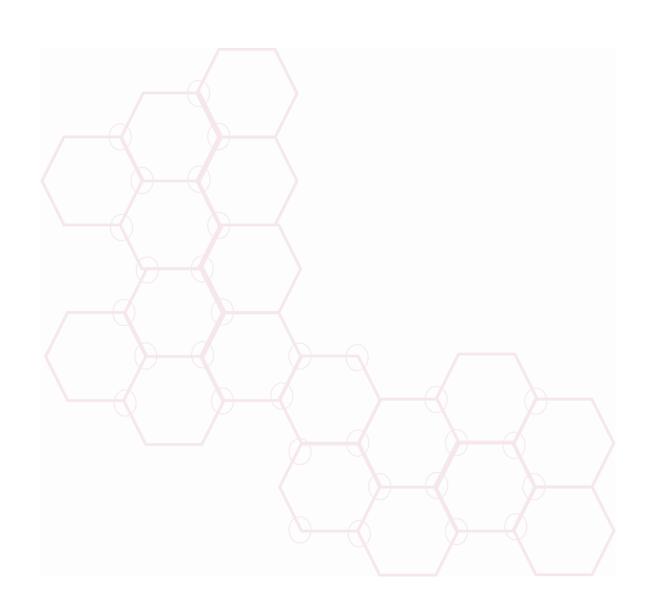






LUACELL PEELING GEL

The skin protection effect of LUACELL peeling gel can be experienced immediately when use it.



How to use peeling gel





dry skin

After rubbing for 1 minute, old keratin and waste products are being removed

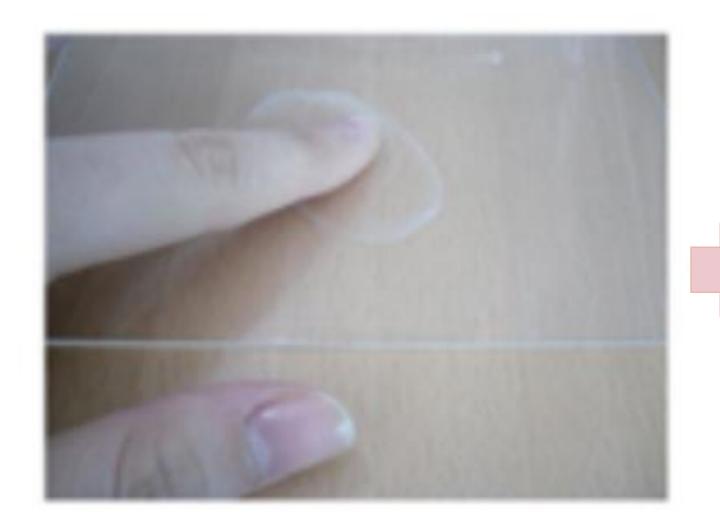
The texture of the skin is clear and neatly arranged

LUACELL PEELING GEL

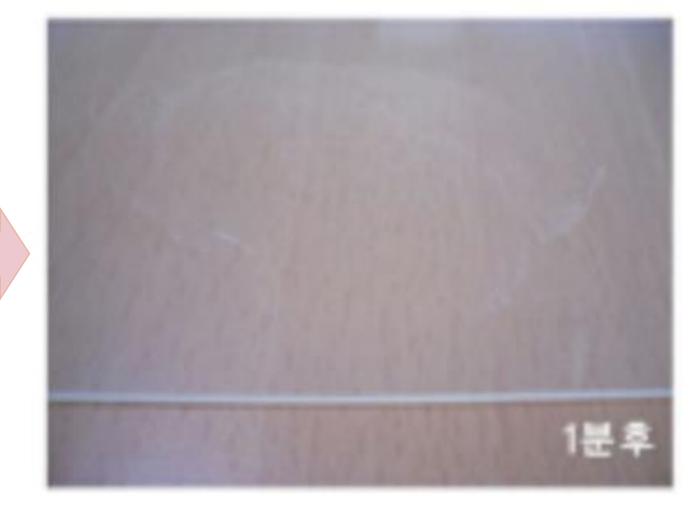
The skin protection effect of LUACELL peeling gel can be experienced immediately when you use it.



Glass plate experiment



A look on the glass plate



There is no foreign substance when rubbed

There is no residue from the raw material when rubbed by hand. It only removes the dead skin and wastes of the body, and does not damage the moisturizing film of the skin.

LUACELL PEELING GEL

The skin protection effect of LUACELL peeling gel can be experienced immediately when you use it.



Product efficacy

BODY & FACE Exfoliation FACE Morning cleanser MAKE UP CLEANSER

Removal Black head of nose

BODY Body Fat Management Face reduction Peeling effect

Atopy, acne Skin care

BODY 혈점 자극 독소 관리

뒷꿈치 각질 침착 관리



How to use by skin type



Acne skin

If you do not get sebum out of your skin because of keratin, it may be harmful to your skin. If you remove it forcefully, it can adversely affect skin.

It is recommended to massage about 3 times a week with soft LUACELL peeling gel which can wash water but does not have granules.

The herbal extract and mushroom fermented substance are effective for improving the skin of atopic and acne skin. It is easy to manage the skin trouble without going to the hospital or the skin shop, and it controls the skin oil and moisture balance to prevent the shine and increase the absorption rate of the product.



Oily skin

There are a lot of sebum, the pores are clogged well, and the crust is piled up thickly, and the type that acne is easy to occur easily.

When cleansing morning and evening with LUACELL peeling gel, skin oil and moisture are balanced naturally, pore care is cleaned, and blackhead is reduced.



Dry skin

Stimulating with an exfoliant containing granular particles can make the skin more sensitive or dry.

Management is required mainly on areas where nose, forehead, chin, and sebum are secreted.

Even if you wash morning and evening with LUACELL peeling gel, there is no skin irritation, oil and water balance of skin is controlled, and symptoms of drying and pulling are improved.



Neutral skin

As an ideal skin, you can usually manage with regular peeling and light massages.

When cleansing morning and evening with LUACELL peeling gel, the skin becomes glossy, and you can realize that your face becomes smaller with toxin management



Introduction of products

LUACELL FOAM CLANSER

Active ingredient for skin

Contains fermented mushroom ingredients and asparagus cochinchinensis extract to remove wastes, sebum, and keratin to clean skin elasticity

moisturize with a soft texture

It is a perfect type of cleanser that helps

remove skin wrinkles and sebum keratin

in pores with rich bubbles and helps skin

Efficient skin texture improvement

The tea tree ingredient cleanses and forms a water film to keep the skin smooth without pulling

Bubble therapy

Stem cell culture media

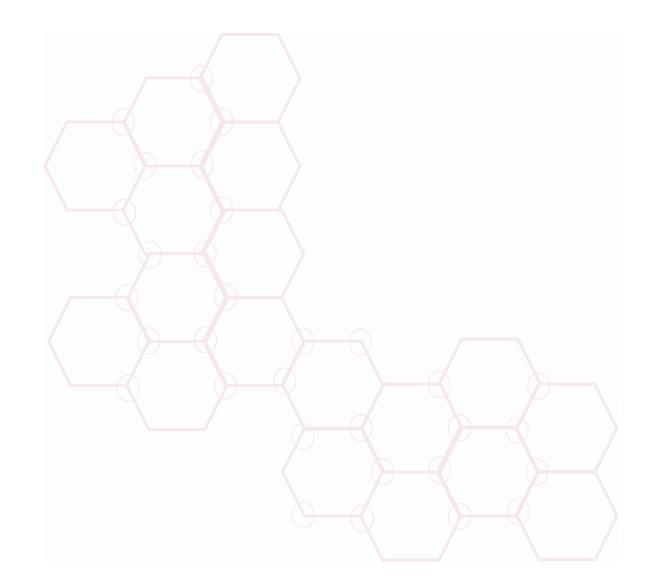
Contains stem cell culture media to provide extra moisturizing protection during cleansing





LUACELL FOAM CLEANSER

You can immediately experience the irritation-free facial cleansing effect of LUACELL Foam Cleanser.



Effect of Foam Cleanser







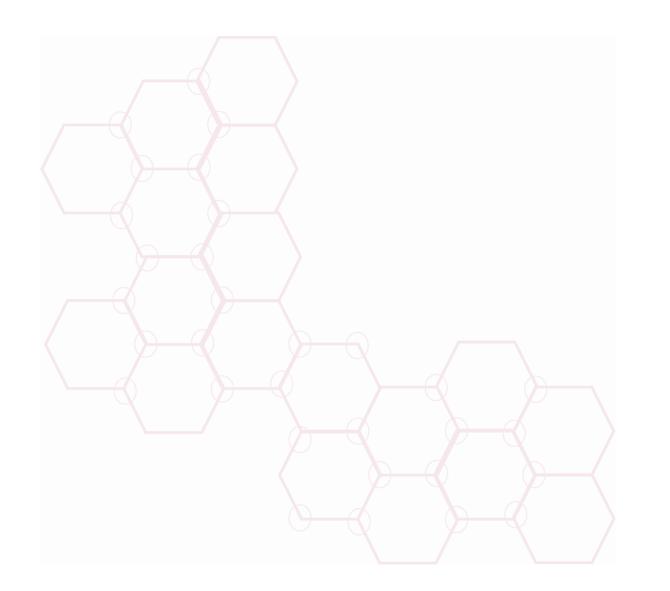
LUACELL Foam Cleanser

- Superior cleansing power with abundant foam
- Feeling silky with a creamy formula
- It is not slippery when washed out



LUACELL FOAM CLEANSER

You can immediately experience the irritation-free facial cleansing effect of LUACELL Foam Cleanser.





Usage and Features

- 01. Used for morning and evening cleansing and bathing.
- 02. You can keep your skin moisturized by washing your face and body with rich, fine bubbles.
- 03. It is a skin-friendly product of PH 6, which protects the natural moisturizing film and prevents drying.
- 04. Even those with skin troubles such as atopy, children, and aging skin can also calm the skin.
- 05. If you have varicose veins or have physical fatigue, take a shower to help relieve fatigue and help stabilize the joint by removing toxins.



LUACELL

Introduction of products

LUACELL BODY ESSENCE

Skin barrier formation

Protects skin from external stimuli to keep clean skin

High moisture, oil and water balance control

A rich nutritional essence replenishes the water of rough and dry skin and returns the oil and water to a well-balanced, healthy skin

Elastic care system of collagen ingredients

Provides collagen in the skin smoothly and gives elasticity to the stretched skin and makes it tender.

Stem cell culture media

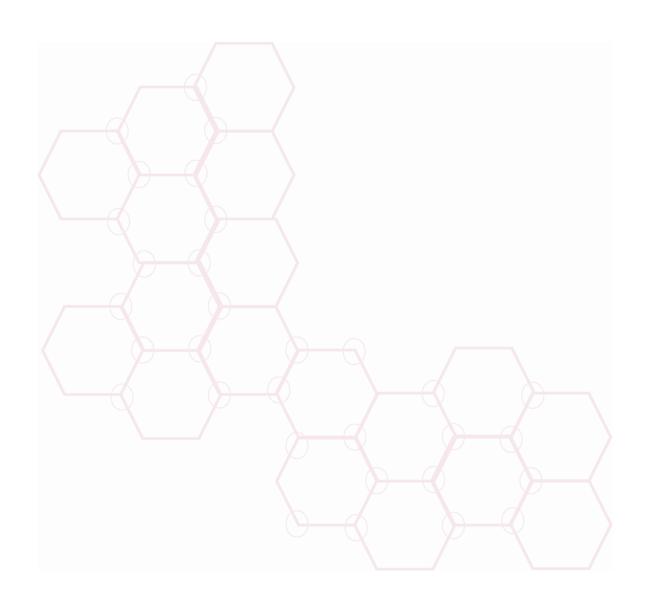
Stem cell cultures contain more moisturizing, healthy and elastic skin.





LUACELL BODY ESSENCE

You can experience the change of body by the excellent moisturizing power and effect of LUACELL body essence.



How to use body essence

Before



Immediately after showering, apply an appropriate amount to dry skin.

Gently massage your body evenly.



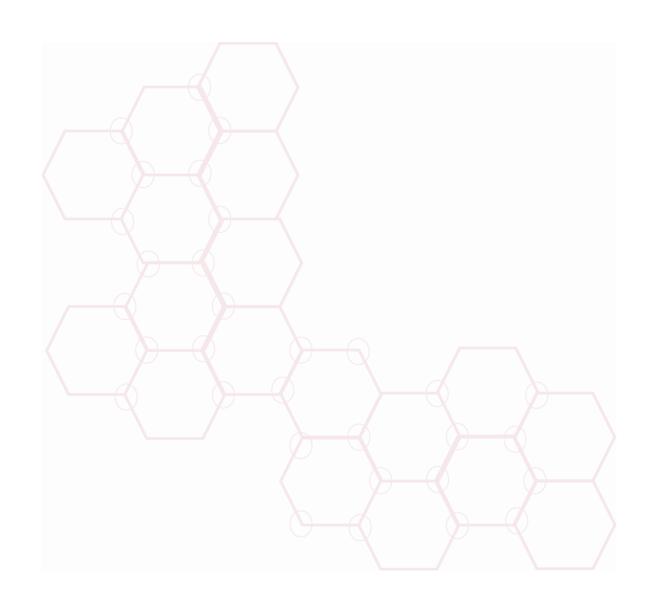
When you tap it with your hand, it penetrates quickly to your skin.



Provides moist and clear skin.

LUACELL BODY ESSENCE

You can experience the change of body by the excellent moisturizing power and effect of LUACELL body essence.



Main ingredient



Tea tree



Oleracea



Umbrella

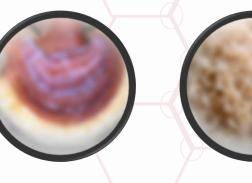
pine root



Cladosiphon







Phellinus Chagas linteus

Ganoder me luisant Sparassis crispa

Tea tree	Pore Convergence · Trouble Skin Care · Control of sebum secretion
Portulaca Oleracea	Skin cleansing effect · Skin soothing · Fragrance allergy · Trouble management
Umbrella pine root	Skin convergence · Trouble care · Incense stimulation
Cladosiphon	Moisture supply · Glossy application · Soothing effect
Phellinus linteus	Convergence of skin · Prevention of skin damage
Chagas	Skin brightening · Skin elasticity · Skin moisturizing factor protection
Ganoderme luisant	Skin conditioner · Skin protection · Trouble skin care
Sparassis crispa	Skin moisturizing · High content of beta-glucan



LUACELL BODY ESSENCE

You can experience the change of body by the excellent moisturizing power and effect of LUACELL body essence.





Usage and Features

- 01. Use an appropriate amount after cleansing or shower
- 02. Apply to dry and rough areas
- 03. Gently exfoliates hardened keratinized areas and keeps them moisturized
- 04. Used on the face or body, it prevents dryness without stickiness, gives a natural shine and moisturizes the skin

LUACELL

Introduction of products

LUACELL SHAMPOO

Hair Strengthening

Biotin and caffeine ingredients help scalp health and hair growth

Washing

Amino acid-derived cleansing ingredients and herbal extract ingredients gently work on hair and scalp to remove waste products

Supply nutrition

Human fat stem cell culture media gives the skin vitality, and green tea extract, ginseng extract etc supply nutrition

Prevention of Seborrheic scalp itching and inflammation

Gently softens excess keratin on scalp and protects against harmful substances

Hair growth and calming

Maintains hair elastic, scalp healthy with astringent effect, and niacinamide licorice extract helps calm scalp

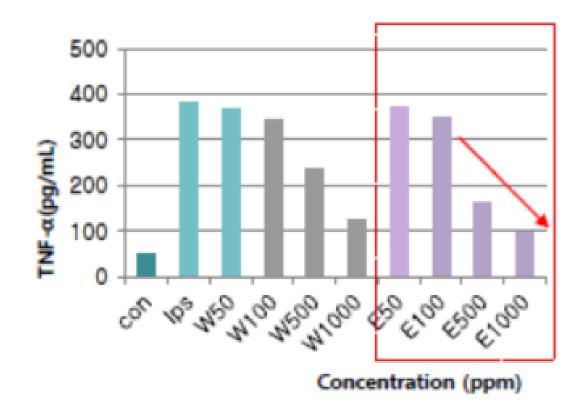


Stem cell cultures media and natural plant extracts protect and keep your hair healthy.

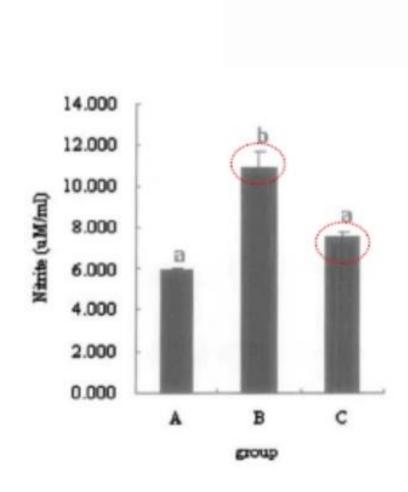


Non-irritating ingredient of LUACELL Shampoo which is responsible for the health of hair.

Effect of Luacell Shampoo



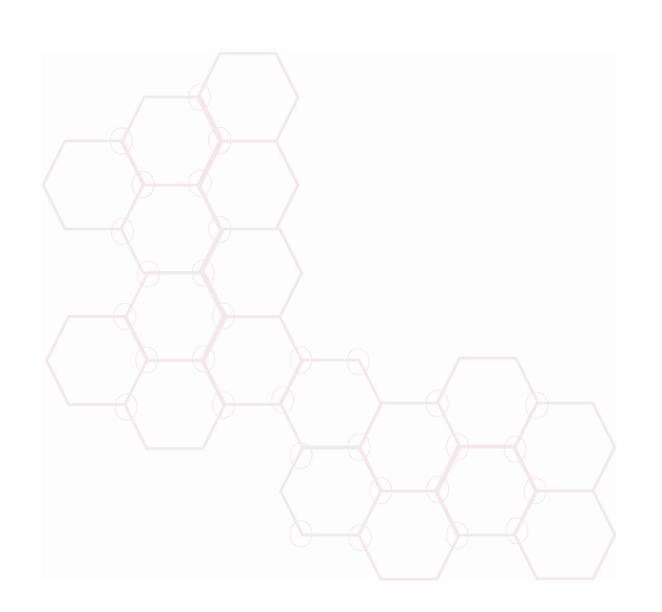
- Significantly reduced the number of TNF- α which is inhibiting cytokine, an immunologically active substance
- TNF- α is a tumor necrosis factor, an inflammatory mediator, which reduces this substance to produce a direct anti-inflammatory effect



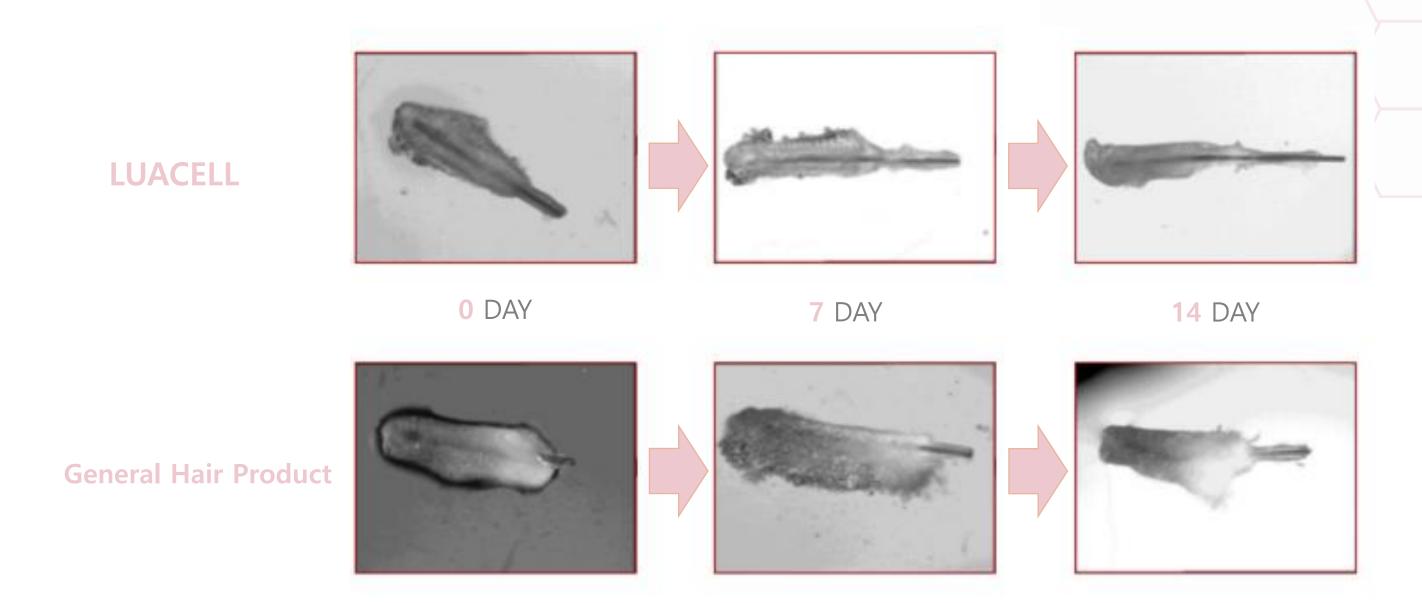
- Inhibitory effect of nitric oxide formation, which is known to play an important role in inflammation induction



Non-irritating ingredient of LUACELL Shampoo which is responsible for the health of hair

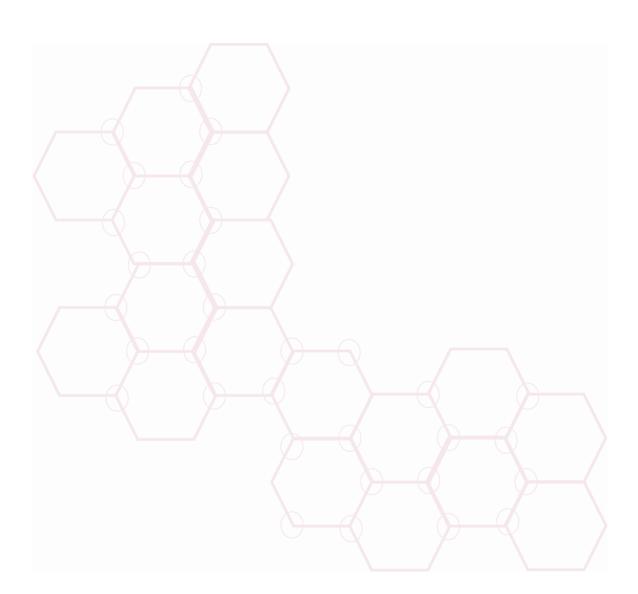


Experimental result of Luacell Shampoo



- 14 days culture result of hair follicle with Biotinyl-GHK or Minoxidil (2 ppm)
- +58% with 2 ppm biotinyl-GHK (1% Luacell), similar to minoxidil
- +121% with 5 ppm biotinyl-GHK (2.5% Luacell)

Non-irritating ingredient of LUACELL Shampoo which is responsible for the health of hair



Efficacy fo Luacell Shampoo

Promoting activity of tissue-constituting substances

Supply blood and nutrition supply to hair follicular

Removal nasal black head

Antioxidant and anti-inflammatory action to prevent hair follicle deterioration

Suppression of essential hair loss factor

Combine hair papilla and hair follicle

Facilitate
differentiatio
n of inner
and outer
hair root
cells

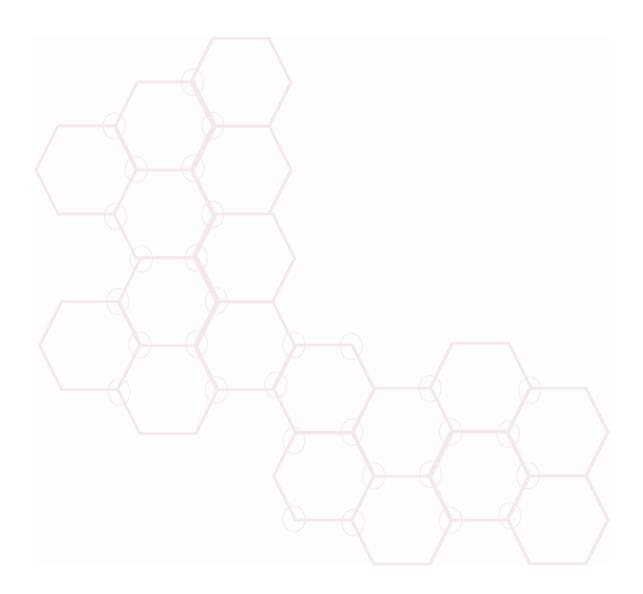








Non-irritating ingredient of LUACELL Shampoo which is responsible for the health of hair

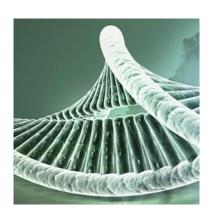


Main Ingredients of Luacell Shampoo



Stem cell culture media

The rich cell growth factors contained in the culture media make the scalp and hair clean and gentle, provide moisture and nutrition, and improve hair health



Biotin

It is called anti-hair-loss vitamins and prevents the hair from turning gray and white,
And it helps to strengthen hair, prevent hair loss, cure

hair and form keratin



Houttuynia Cordata Extract

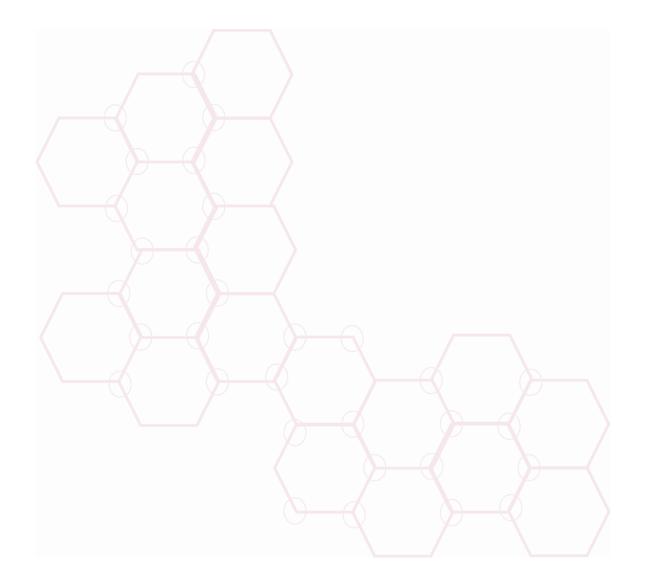
It is a beneficial ingredient that has anticancer, anti-inflammation and anti-aging effect and it prevents inflammation that hinders the normal growth cycle of hair, so it has the effect of normalizing hair's physiological activity



Perilla frutescens leaf extract

It helps to supply smooth scalp and strengthens the scalp and prevents hair loss caused by hormone imbalance

Non-irritating ingredient of LUACELL Shampoo which is responsible for the health of hair





Usage and Features

- 01. Rinse scalp and hair gently with water. (Wash first with warm water.)
- 02. Bubbles with shampoo, gently massage the scalp and wh

(It is recommended to keep about 3 minutes while bubbling for pharmacologically active ingredient penetration.)

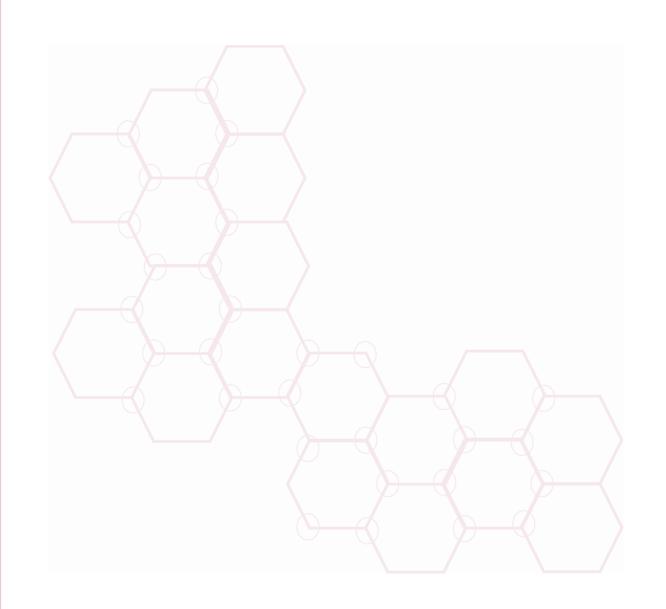
- 03. After about 3 minutes, wash the shampoo thoroughly with warm water.

 (Removes sebum and keratin from the scalp and facilitates absorption of active ingredients.)
- 04. If you feel that your hair is stiff as a pharmacological ingredient, you may want to rinse it again with a rinse product.



CELEBRITY

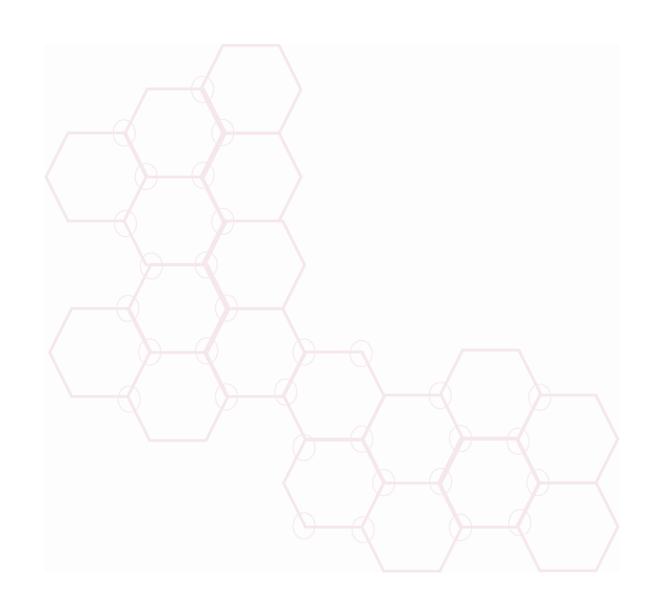
LUACELL comes with a lot of celebrities.





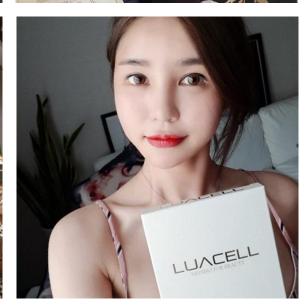
CELEBRITY

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JM Medibio Co, Ltd

