

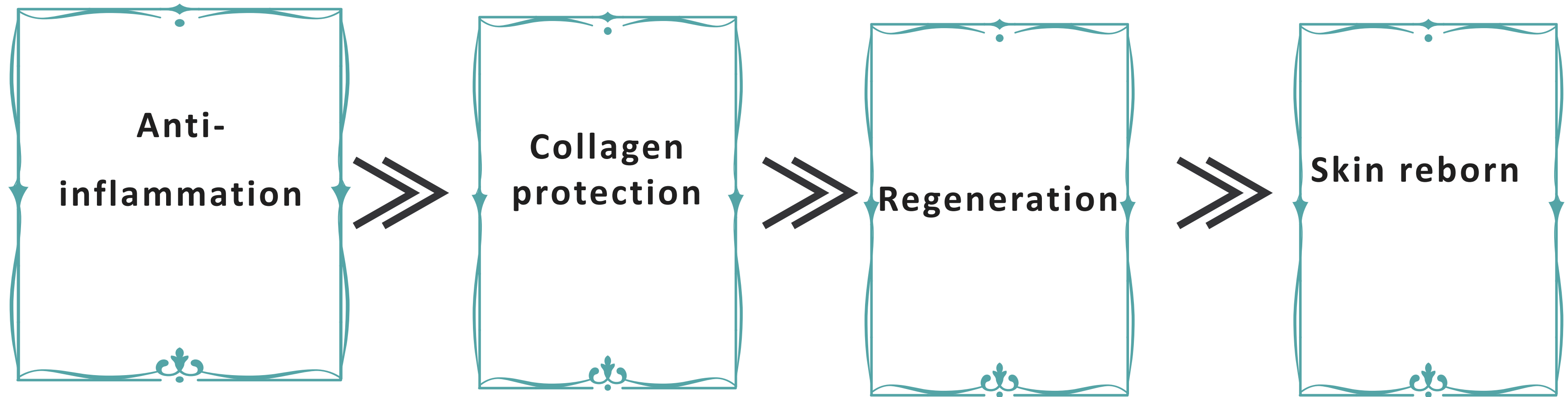
Imdermalab[®] V-CoraTight - Marine Sprites

INCI: WATER 、 HYDROLYZED COLLAGEN 、 CAULERPA LENTILLIFERA EXTRACT 、 HYDROLYZED CORAL (NEPHTHEA COLUMNARIS EXTRACT) 、 ISOPENTYLDIOL 、 BUTYLENE GLYCOL 、 PROPANEDIOL 、 1, 2-HEXANEDIOL 、 CAPRYLHYDROXAMIC ACID

- **Functions: Anti-inflammation, Instant Lifting, Regeneration.**

Imdermalab[®] V-CoraTight

Marine Sprites



Imdermalab® V-CoraTight

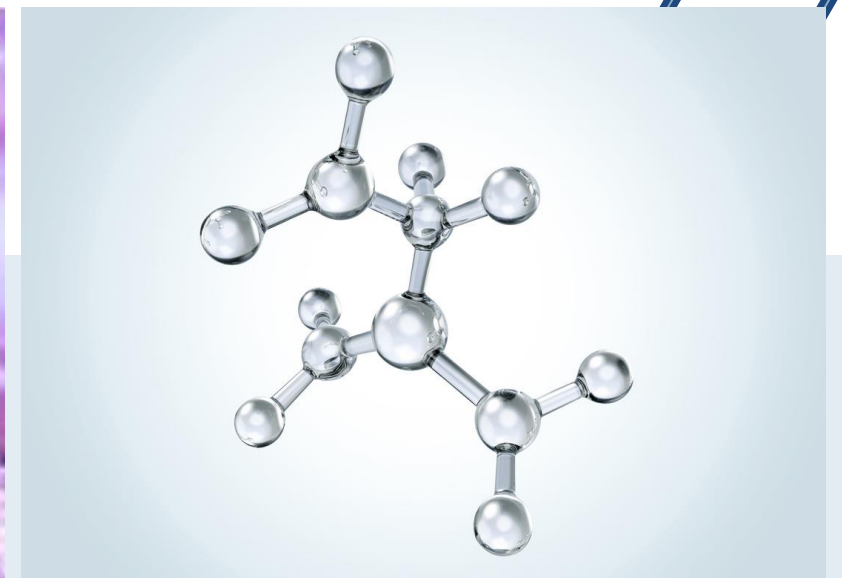
Marine Sprites



Verperle®



**Nephthea
Columnaris**



**Collagen
Peptide**



Verperle[®] - “Green Pearl” in ocean

Marine-derived Anti-allergic ingredient, known as “Pacific Vegan Caviar”

Green Pearl is one of green algae with rich nutrition and high economic value.

Harvested in pure deep-sea water on east coast of Taiwan.

It contains abundant amino acids, minerals and vitamins, and unsaturated fatty



COSMOS
APPROVED

The Advantage of Deep-Sea Water Cultivation

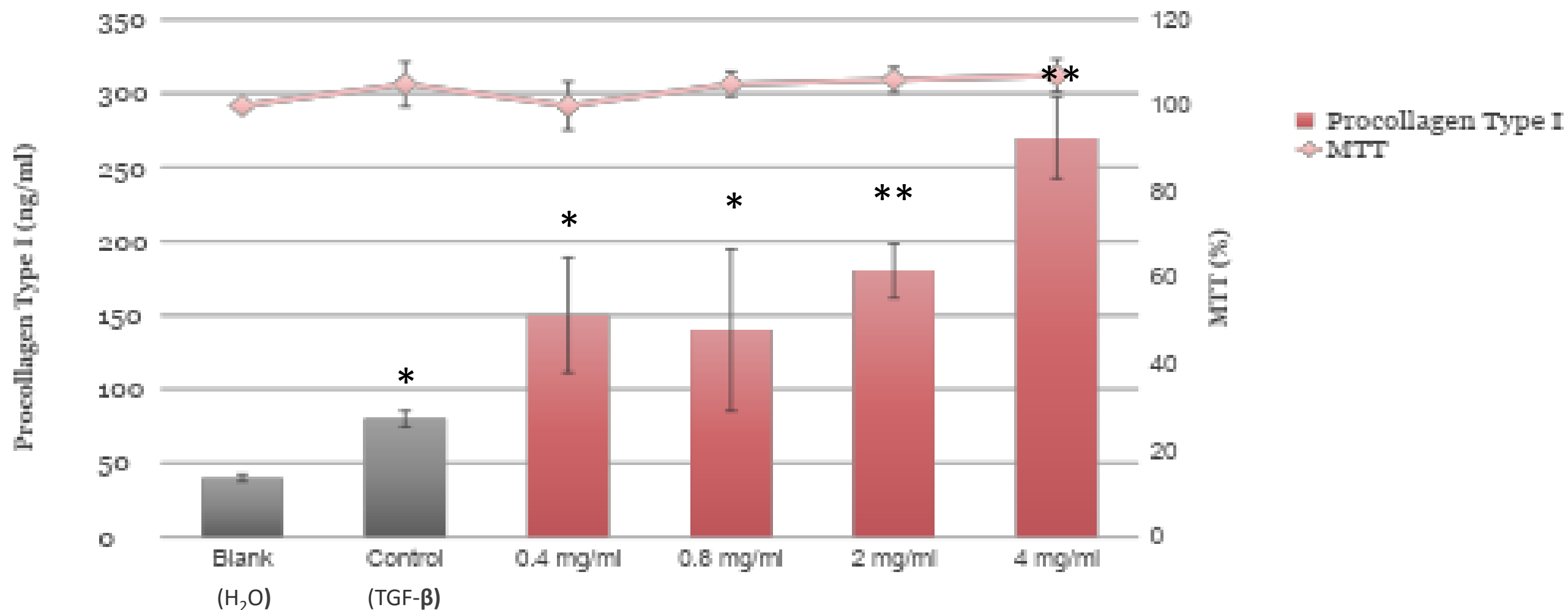
- Deep Sea Water is particularly rich in nitrate (NO_3^- , NO_2^- , NH_4^+) , the temperature constant cold temperature at $20^\circ\text{C} \sim 25^\circ\text{C}$ suitable for algae growth.
- Deep-sea water algae cultivation will be a great niche based on its abundant nutrients, low temperature and no pollution features.



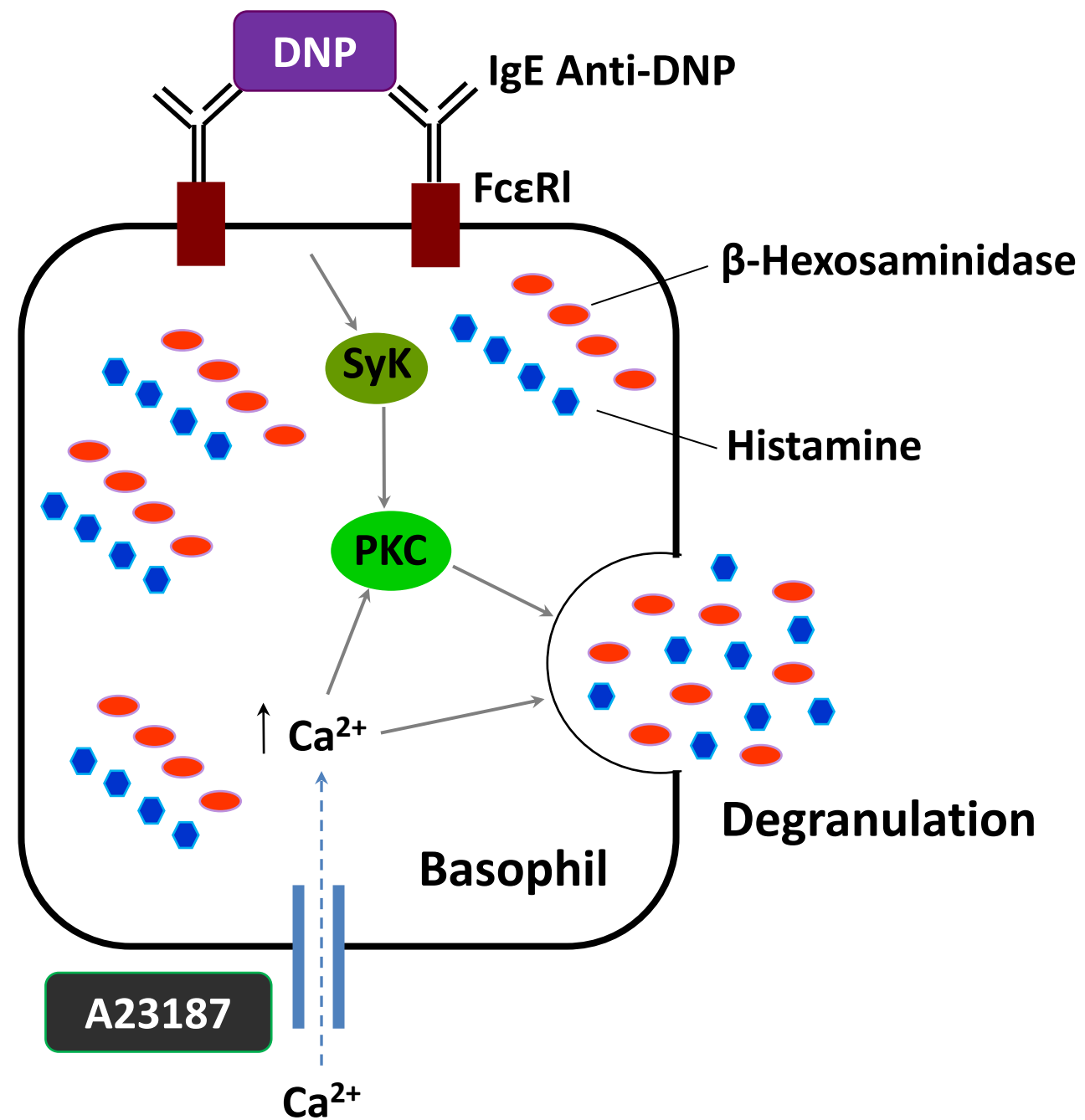
Anti-aging Effect Evaluation

Stimulates skin collagen production

- Verperle[®] Sea Grape Extract specifically increases production of procollagen type I without cytotoxicity effect. Compare with blank group, Verperle[®] with 4mg/ml increases collagen production by 80%.



The Mechanism of Allergic Inflammation

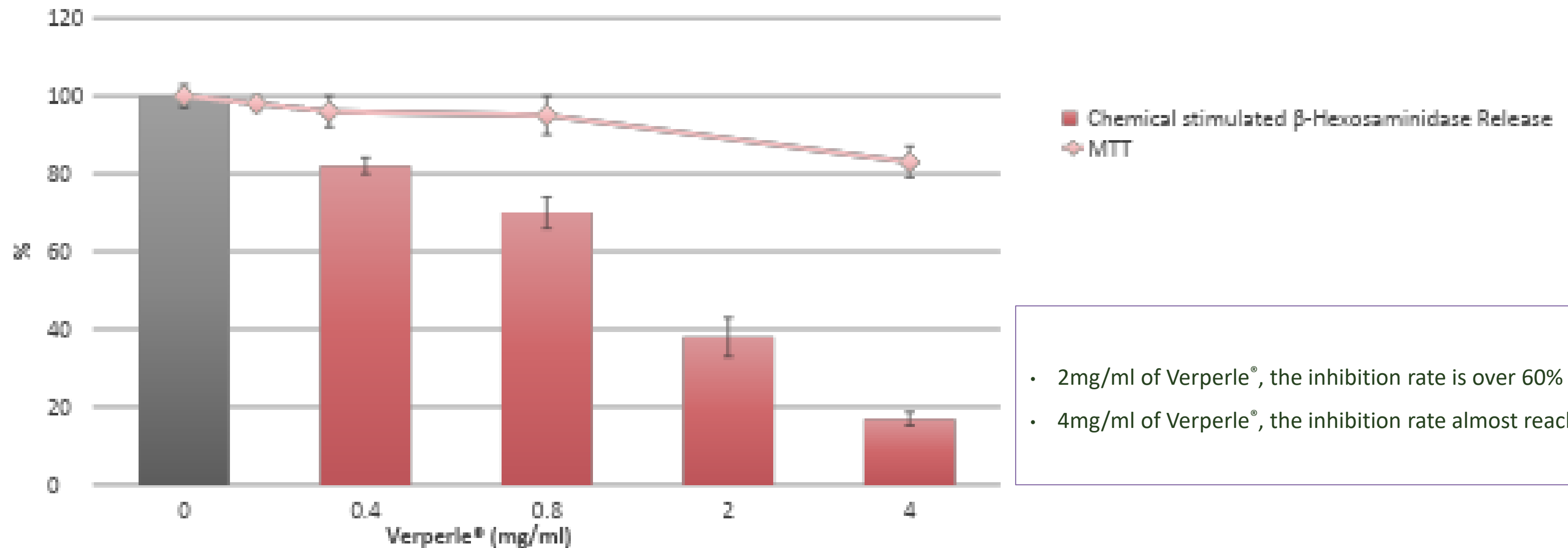


Exposure to allergens crosslinks triggering the release of inflammatory mediators which include histamine and β-hexosaminidase release degranulation, stimulating skin inflammatory response associated with peeling, redness, heat, swelling, itching and pain.

Cell Degranulation Assay

Great Anti-Allergy Potential

Cell degranulation assay results on Verperle[®] with different concentrations inhibits β -hexosaminidase release, displaying significantly anti-allergy effects.

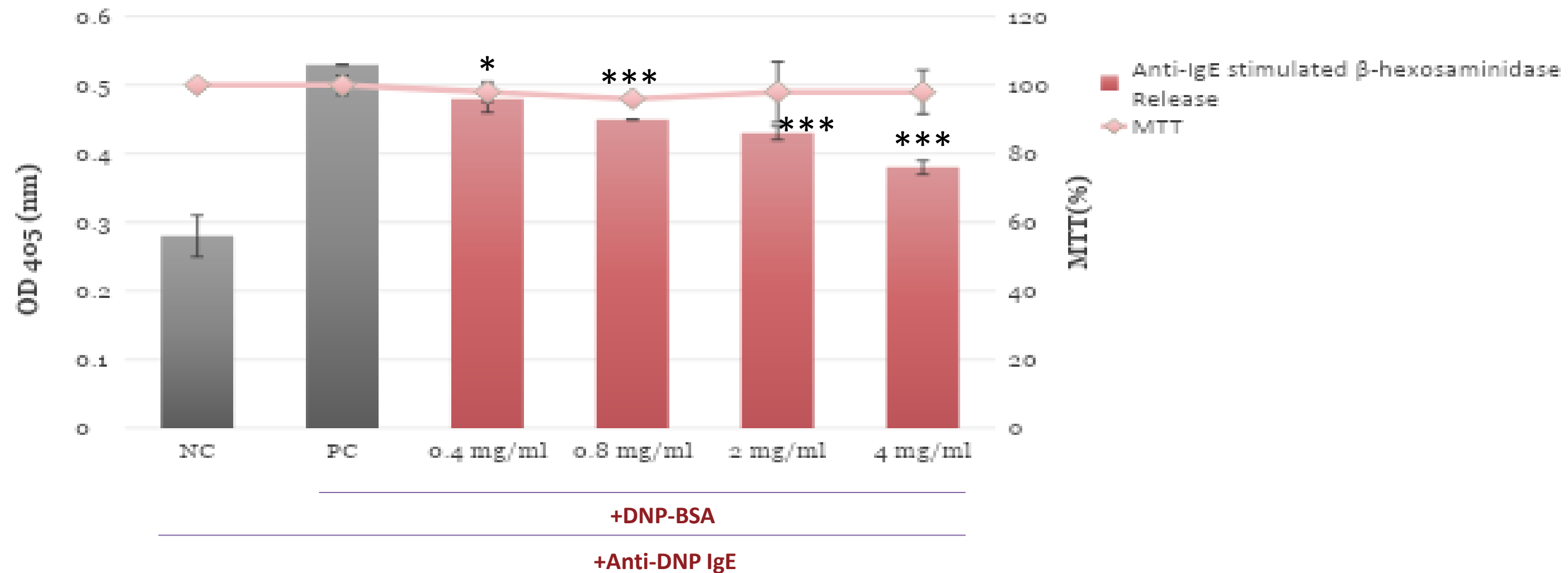


- 2mg/ml of Verperle[®], the inhibition rate is over 60%
- 4mg/ml of Verperle[®], the inhibition rate almost reach to 100%

Cell Degranulation Assay

Great Anti-Allergy Potential

The result from sensitization analysis by using the Mast Cell activation test shown, Verperle[®] can inhibit β -hexosaminidase release induced by anti-IgE without cytotoxicity. The higher the concentration, the more obvious the effect of anti-allergic reaction.

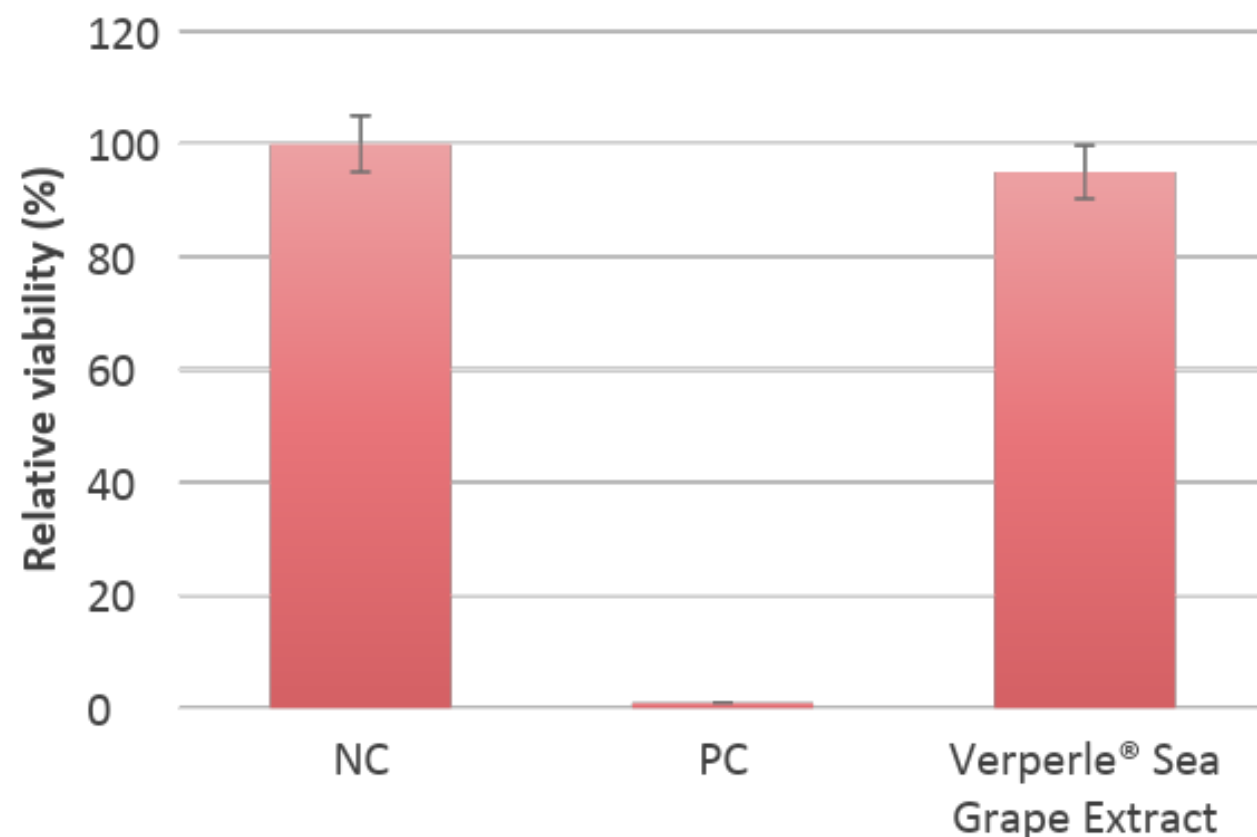


Safety Evaluation Experiment

Classified as Non-Irritant and Non-Sensitive

- No carcinogen. (Ames test)
- No skin irritation (OECD 439).
- No phototoxicity, no photosensitivity. (AMA Laboratories)
- No irritation and no sensitization. (RIPT by AMA Laboratories)

SkinEthic™ Skin Irritation Test



50 HUMAN SUBJECT REPEAT INSULT PATCH TEST SKIN IRRITATION/SENSITIZATION EVALUATION (Occlusive Patch)

AMA Ref. No.: MS15.RIPT.O2426O.50.FEN
Date: October 26, 2015
Sponsor: Teh Fong Min International CO., LTD.
No. 84, Minzu West Road, Datong District,
Taipei, R.O.C. 10365
Taiwan

1.0 Objective:
Consumer products or raw materials designed for consistent reapplication to areas of the skin may, under proper conditions, prove to be contact sensitizers or irritants in certain individuals. It is the intention of a Repeat Insult Patch Test (RIPT) to provide a basis for evaluation of this irritation/sensitization potential if such exists.

2.0 Test Material:
2.1 Test Material Description:
On August 31, 2015 one test sample labeled CAULERPA TAXIFOLIA EXTRACT was received from Fenix Biotechnology Ltd. and assigned AMA Lab No. O-2426.

2.2 Handling:

Upon arrival at AMA Laboratories, Inc., the test material is assigned a unique laboratory code number and entered into a daily log identifying the lot number, sample description, sponsor, date received and tests requested.

Samples are retained for a period of three months beyond submission of final report unless otherwise specified by the sponsor or, if sample is known to be in support of governmental applications, representative retained samples are kept two years beyond final report submission.

AMA Lab No.: O-2426
Client No.: CAULERPA TAXIFOLIA EXTRACT

No.	Subject ID	R A E C X	S E	1	2	3	4	5	6	7	8	9	24 HR	48 HR	Chall.	Score
1	00 0002	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
2	27 8204	H	M	0	0	0	0	0	0	0	0	0	0	0		0.0
3	32 9523	C	M	0	0	0	0	0	0	0	0	0	0	0		0.0
4	38 5937	H	F	0	0	0	0	0	0	0	0	0	0	0		0.0
5	38 8908	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
6	38 9739	C	M	0	0	0	0	0	0	0	Dc	Dc	Dc	Dc		0.0
7	40 0533	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
8	40 1523	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
9	40 3984	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
10	42 5472	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
11	44 3503	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
12	44 7314	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
13	44 8295	H	F	0	0	0	0	0	0	0	0	Dc	Dc	Dc	Dc	N/A
14	44 9258	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
15	48 0738	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
16	48 6153	H	M	0	0	0	0	0	0	0	0	0	0	0		0.0
17	50 1810	C	M	0	0	0	0	0	0	0	0	0	0	0		0.0
18	50 3772	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
19	50 8924	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
20	52 3942	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
21	52 4442	H	M	0	0	0	0	0	0	0	0	0	0	0		0.0
22	54 3289	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
23	54 3619	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
24	54 5868	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
25	54 6237	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
26	54 6664	H	F	0	0	0	0	0	0	0	0	0	0	0		0.0
27	54 9619	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
28	56 3379	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0
29	56 3466	C	F	0	0	0	0	0	0	0	0	0	0	0		0.0

AMA Laboratories, INC. certified by U.S. FDA.

Evaluation Period: This study was conducted from September 9, 2015 through October 14, 2015.

Herbal Foundation Compendium

- 唐本草.海藥本草.日華子本草.本草綱目

Coral

is widely used in traditional Chinese Medicine with several applications, such as anti-inflammation, wound healing, etc.,

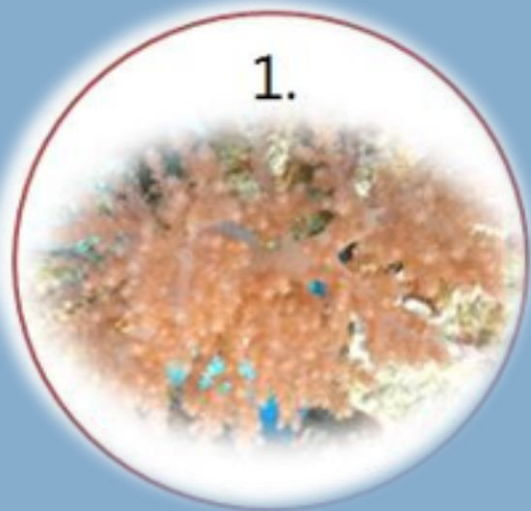




Nephthea Columnaries

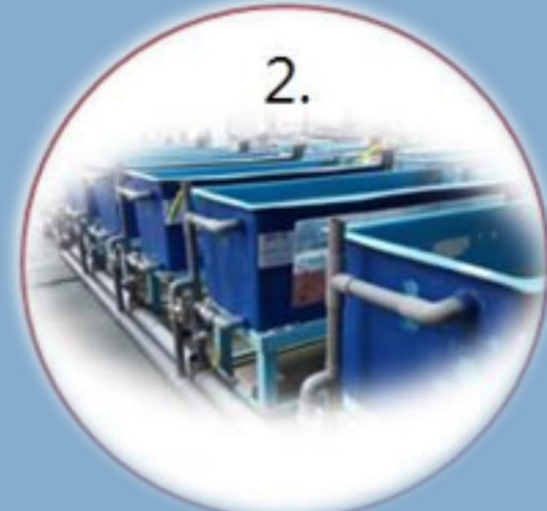
*From the purest ocean belongs to the
southeast Taiwan.*

Nephthea Columnaries develops unique bioactive ingredients to protect itself from enemies and environmental threats. The ingredients also show excellent effects on skin regeneration, booting and healing.



01

Cora classification



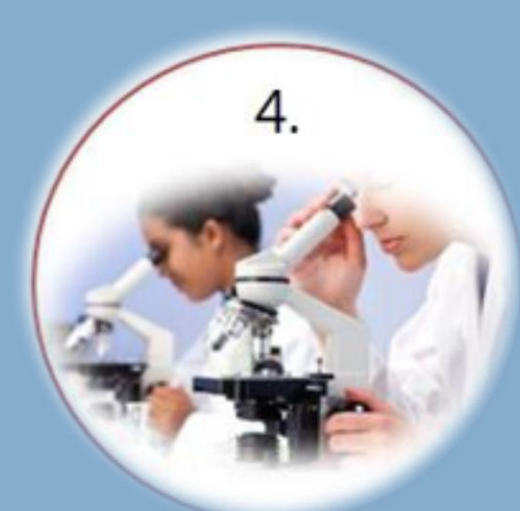
02

Incubation bays



03

Extraction and
purification



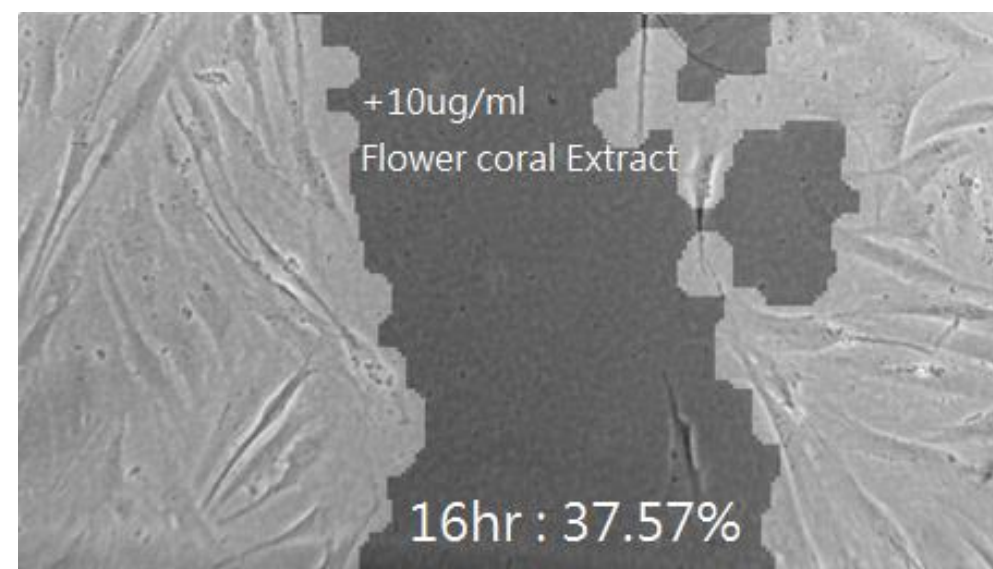
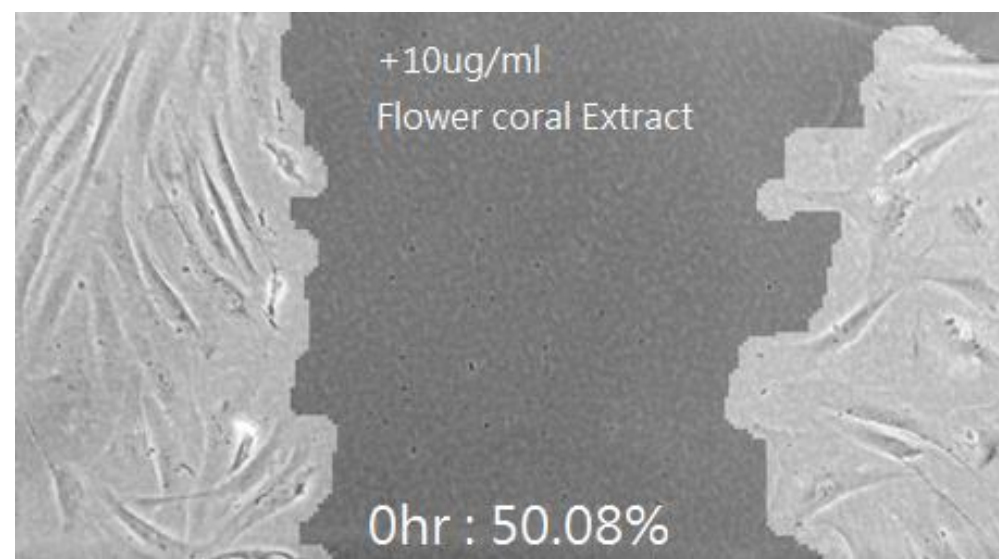
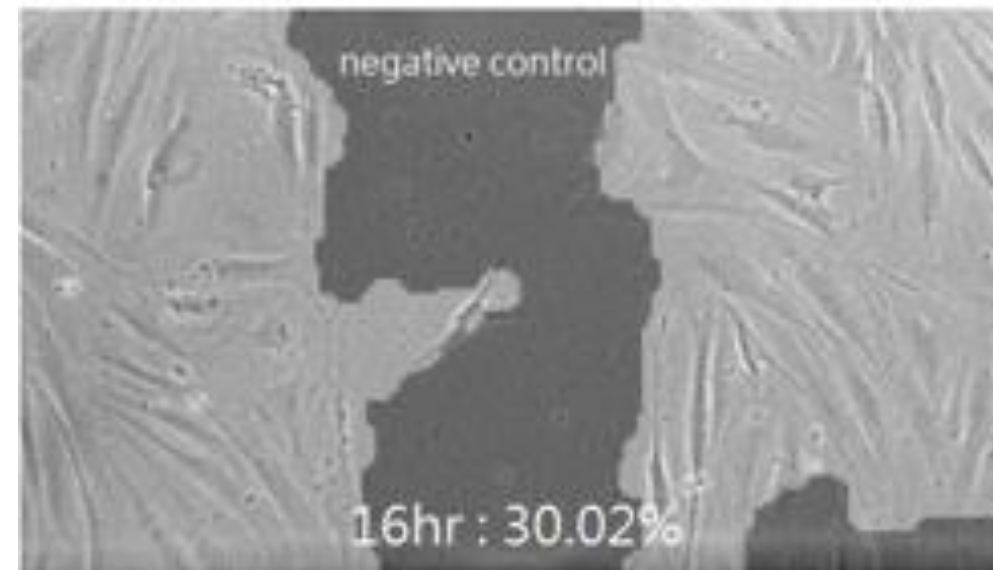
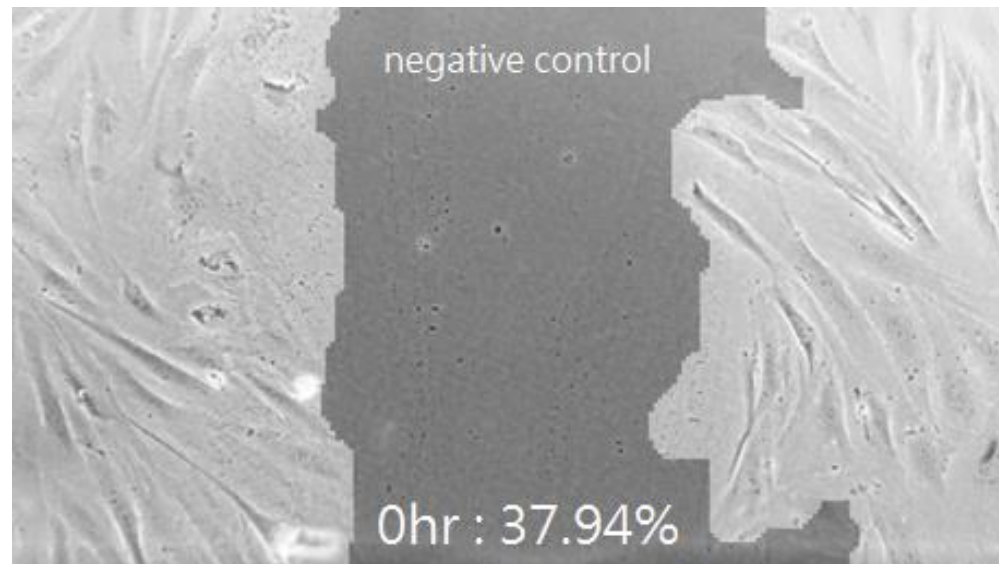
04

Activities mapping and
pharmaceutical tests

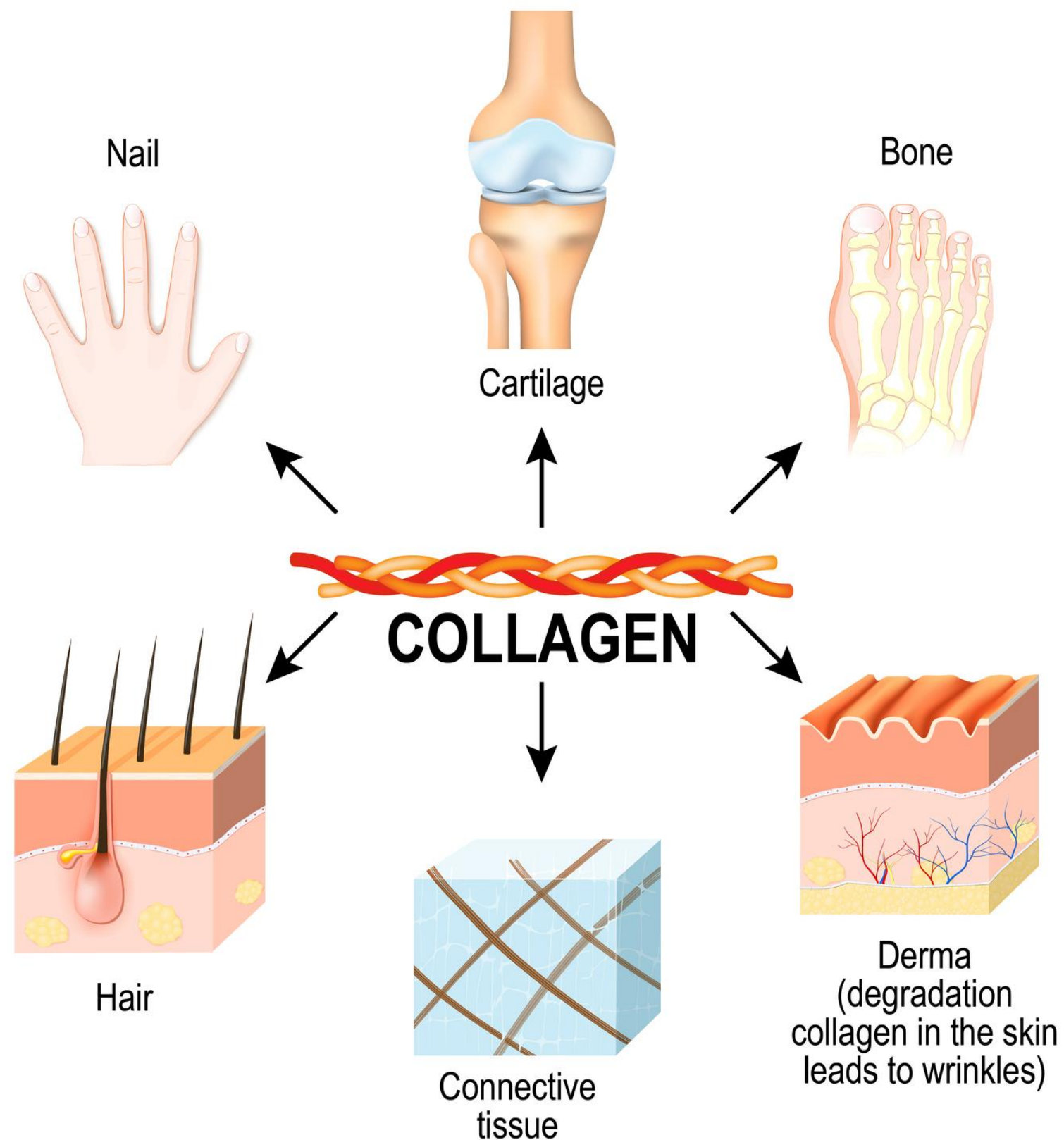
Patented production process

Imdermalab[®] V-CoraTight

Fibroblast Wound Healing Test



Improve **140 %**

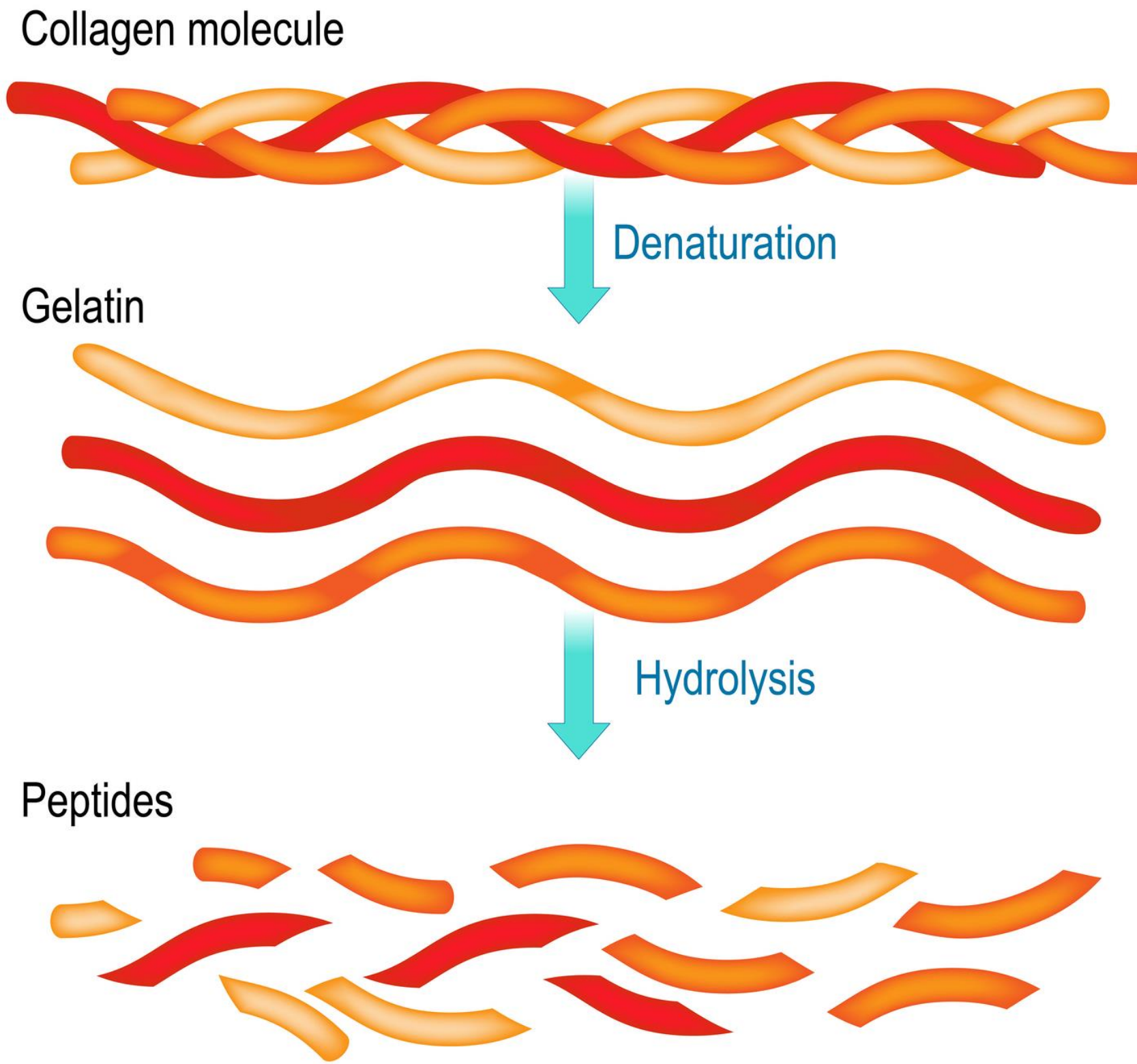


Collagen

is the main structural protein in the extracellular matrix found in the body's various connective tissues. As the main component of connective tissue, it is the most abundant protein in mammals, making up from 25% to 35% of the whole-body protein content.

Its triple helix structure give collagen specific biological function in human body. Over 90% of the collagen in the human body is type I collagen.

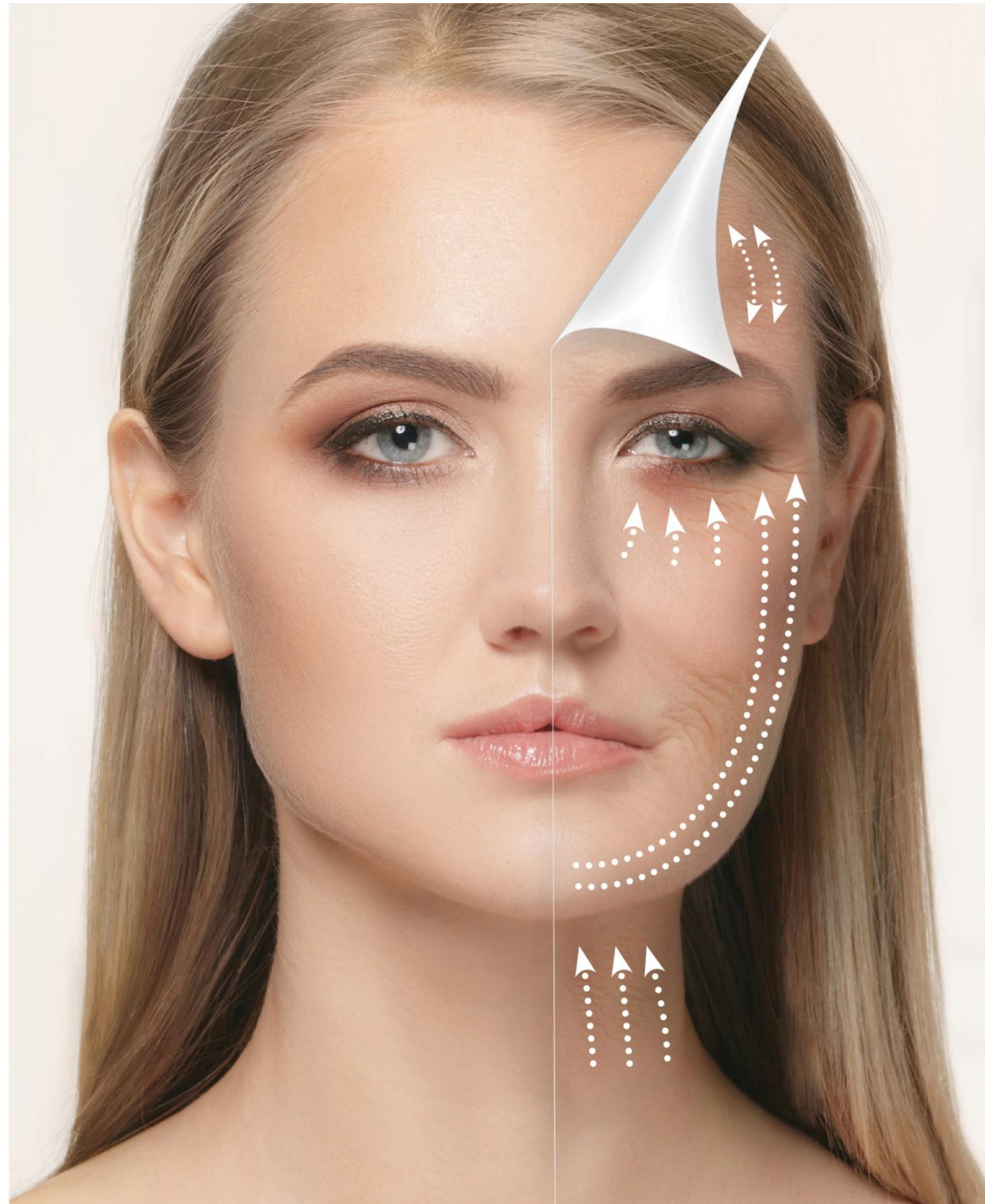
Collagen Peptides



- MW < 2000 Da
- Easy to absorb
- Moisturizing
- Brightening
- No crumbs

Imdermalab® V-CoraTight

Marine Sprites



- Anti-inflammation, re-balance skin
- Patented activities
- Instant lifting
- Long lasting effect
- Regeneration

Imdermalab® V-CoraTight

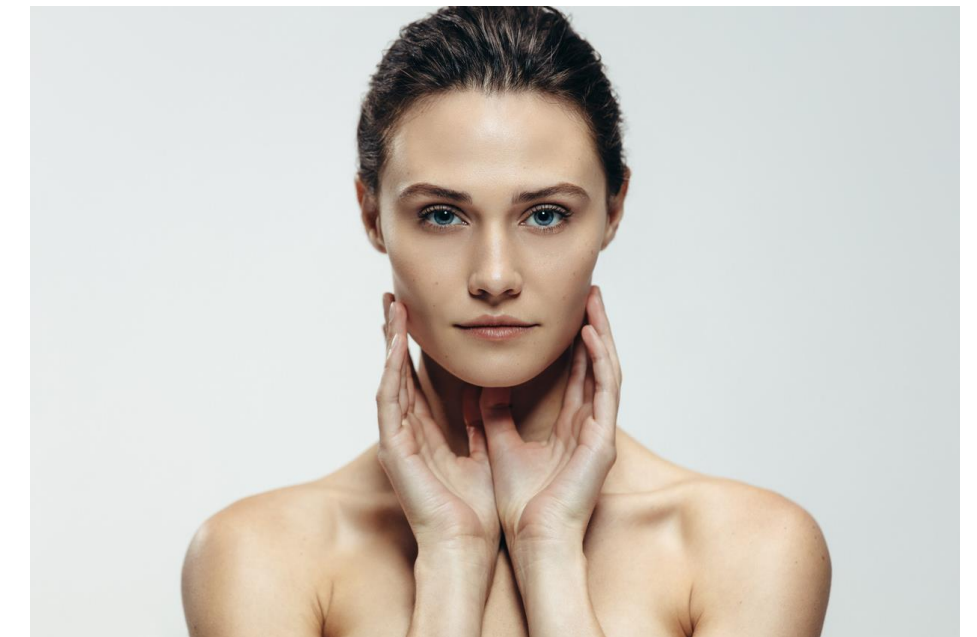
Marine Sprites



Adopted



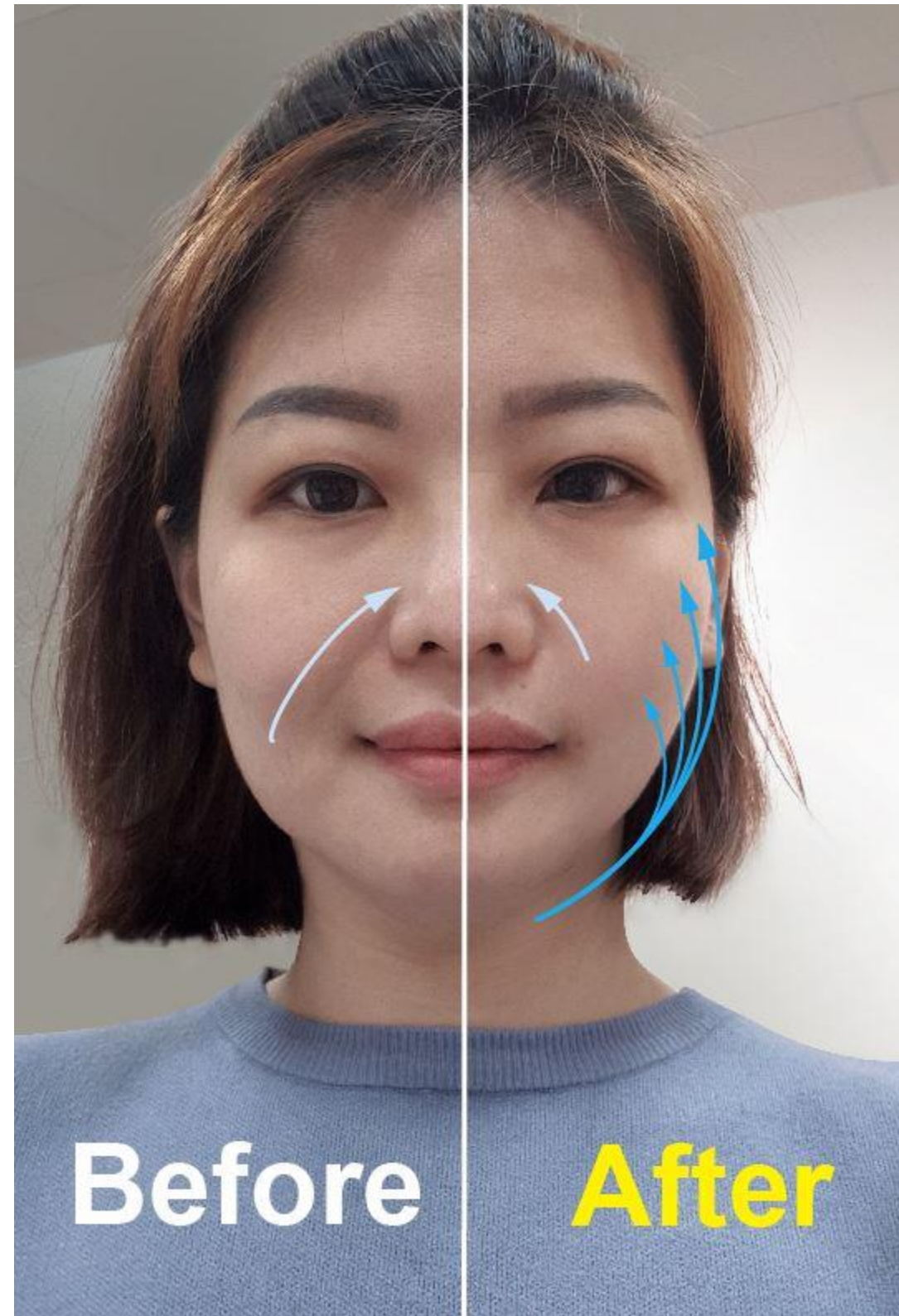
**Massage 2-3
times**

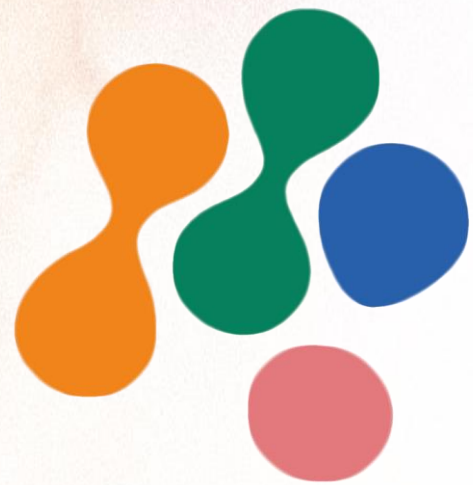


Stay for 10s

Imdermalab[®] V-CoraTight

Marine Sprites





ImDerma
LABORATORIES

BioScience Integrated Platform

We offer one-stop solution from
customized ingredient development to industry
application.

ImDerma Laboratories Co., LTD



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