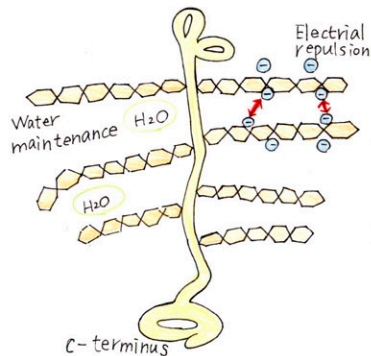


WHAT IS PROTEOGLYCAN?

Proteoglycan has a unique structure.

It has glycan and protein compounds.

It is extracted from the nose cartilage of salmon.



PAST PROBLEM

Once, proteoglycan cost 30,000 yen for only 1g!

Proteoglycan was discovered and named in 1970.

It was an up-and-coming ingredient then.

However, extraction was difficult and production costs were very expensive.

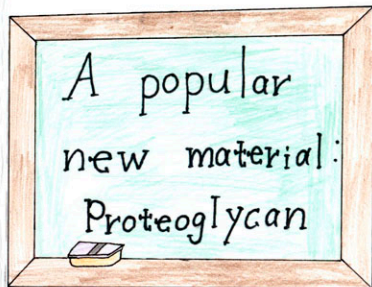
It was difficult to use Proteoglycan.

salmon nose cartilage



Hirosaki University developed an inexpensive extraction.

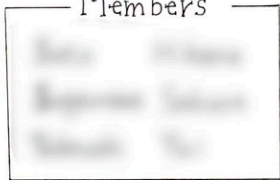
In 1990, they found that salmon cartilage had concentrated proteoglycan.



HIROSAKI MINAMI
HIGH SCHOOL

First graders 14HR group 6

Members

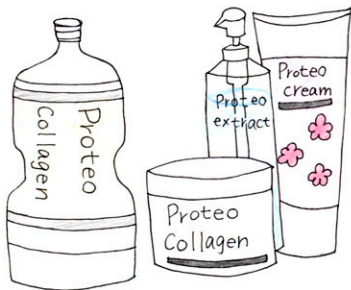


MOTIVE

These days, we often see and hear about Proteoglycan on the TV and Internet.

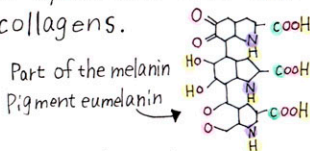
So, we are interested in it.

We wanted to know: what effects does Proteoglycan have, what does it effect?



EFFECTS

- It has high moisture and a moisturizing effect.
- Improves skin problems and fine wrinkles.
- It promotes the production of hyaluronic acid and collagens.



- It controls melanin spots.
- It prevents decomposing pigments.
- It helps prevent life style-related diseases.
- It improves the intestinal environment.

BETTER EFFECTS

- Beautiful skin effect
- Relaxes arthritis
- Skin whitening action
- Improves skin elasticity

