

We investigated about proteoglycan

Proteoglycan excel in moisture retention the same as collagen and hyaluronic acid. And also it can retain water and soften shock



This is Aomori PG's mark

AOMORI

PROTEOGLYCAN

Certification

System



Blessea PG tablet

It is proteoglycan's supplements

PGα

It is beauty essence.



PG-in

Nebuta Face pack

It is face pack



Theme

The application of proteoglycan for production.

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1 Purpose

- We investigate the proteoglycan element.

We want to make various goods by blending proteoglycan.

2 Hypothesis

- Proteoglycan is effective recovery early to heal quickly

So, we observe whether it is effective or not when we blend the bandage with it

Therefore we use the planaria and investigate the effect by proteoglycan

3. Research content

The planarian has quick regeneration of capacity and it is used as model creature in rebirth research. At present, so we are researching experiment that first process. We expect result of experiment. Proteoglycan is effective to heal injuries quickly so we expect that in compounding proteoglycan can heal injuries more quickly than water. Also we expect that concentration of 1% is the most effective. If we get this result, they may heal injury in humans. In consideration, we didn't finish experiment. So we didn't find result. Allowing for the hypothesis, proteoglycan is effective to heal quickly. Proteoglycan has moisture retention efficacy. Also the condition of having a high density is better. If we



develop a successful experiment, it is possible to apply to humans life, there is some possibility of producing goes by proteoglycan's capacity