

< What's a Proteoglycan? >

"Proteoglycan" is compound sugar and protein. It is identical to animal cartilage principal ingredient with collagen. Moreover, its water holding capacity is excellent and it can be edible.

< Utilization method >

"Proteoglycan" is mainly used for many cosmetics. Because it supports the generation of moisturizing formulas such as collagen and hyaluronan. In addition to this, its also used in many ingredients. We can have a beauty effect by taking proteoglycan. But, we have to eat the ingredients including the collagen and hyaluronan together.

< The goods sold at present >

Skin care cosmetics

Gel cream

Aroma Massage oil

Face Pack

Soap

Lip cream

Hand cream

Healthy food

Supplement

Apple vineger

Drinkable yogurt

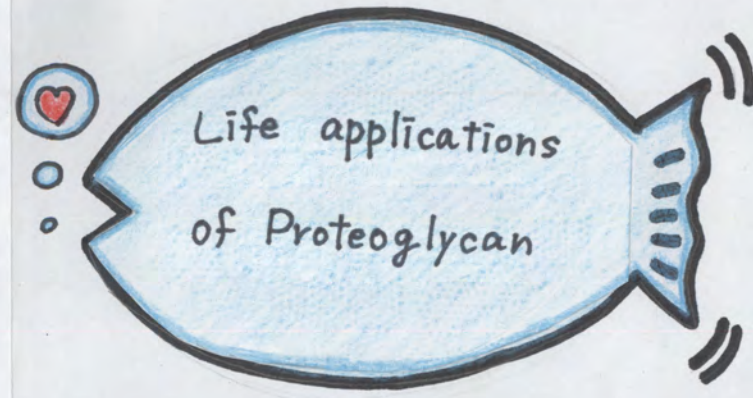
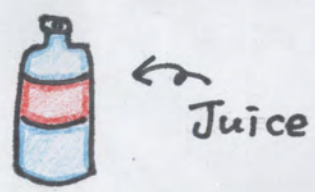
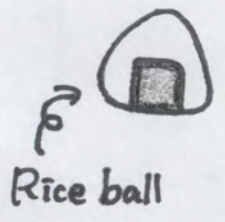
Juice

Rice ball

Salad

Tablets

Lotion



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MENU

Our group has studied for the purpose of making products using proteoglycans for women nationwide suffering from skin problems.



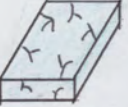




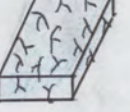
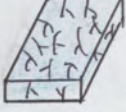



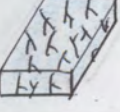

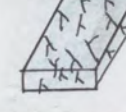
~ Hypothesis ~

1. Whether the components of proteoglycan are not as good as collagen and hyaluronic acid.
2. Proteoglycans are expensive and are not becoming familiar to people, so if we proceed with commercialization we can apply it to our lives.

Process of experiment

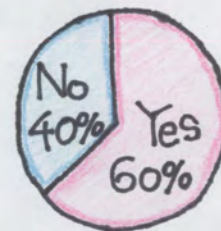
Prepared items ... five rice cakes, proteoglycan, hyaluronic acid, glycerin, water

Method ... Apply the above items on rice cakes and wait a few hours.

	An hour later	Two hours late	Three hours late
Proteoglycan	A few crack 	A few crack 	A few crack 
hyaluronic acid	No crack 	A few crack 	A lot of crack 
glycerin	A few crack 	A lot of crack 	A lot of crack 
water	A few crack 	A lot of crack 	A lot of crack 
nothing	A lot of crack 	A lot of crack 	A lot of crack 

☆ Questionnaire

Q1. Do you know about Proteoglycan?



Q2. Where did you learn about it?

- (1) NEWS PAPER and TV
- (2) SCHOOL
- (3) FROM TEACHER

Q3. In what things are Proteoglycan used?

( COSMETICS TOILETRIES and HEALTH FOOD )

Consideration

I found the percentage of people who know about proteoglycan account for 60 percent of the people in 1.HR. But some people don't know about proteoglycan. So we want everyone to learn by watching proteoglycan advertisement and so on.