Usability of the enzyme found in deep sea

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The sea is deeper than 200m, where the light does not shine. The deep sea creature living there uses various methods to survive. Our subject is “How functional is the sea creature useful for our daily lives?”

In our research, we pay attention to an enzyme called *agarase*, which is a microbe. This breaks down a sugar called agarose, which is the main ingredient for the agar and has two kinds. When the agarose breaks down, it becomes *agarooligo saccharides*.

Each of the agarooligo saccharides have different effects. It can be applied to medical care as well as health foods. It even uses the enzyme to break down agarose, which we can do. But I think that you should use the enzyme while you push the study forward.

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