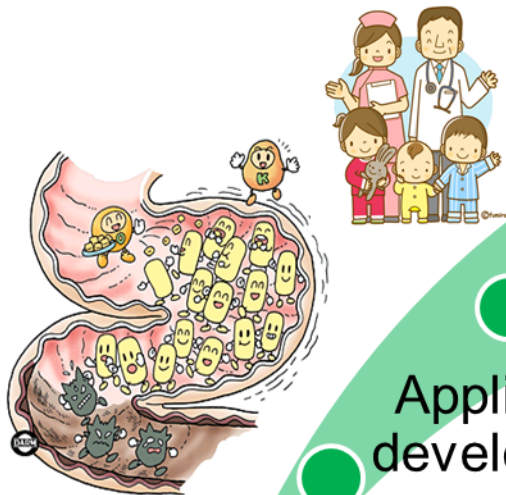


**Production development of novel carbohydrates  
possessing potential as functional food and  
medicine materials**

Functional bioactive properties  
such as prebiotic effects,  
antibacterial effects, and  
immunopotentiative actions

Contribution to health  
longevity society



**Functional  
oligosaccharides**



Production at  
industrial level

Application  
development

Functionality  
evaluation

High-Yield carbohydrates  
conversion techniques

**Construction of  
oligosaccharides library,  
including novel ones,  
from abundantly available  
natural carbohydrates**

**More than 200 kinds of  
oligosaccharides**