

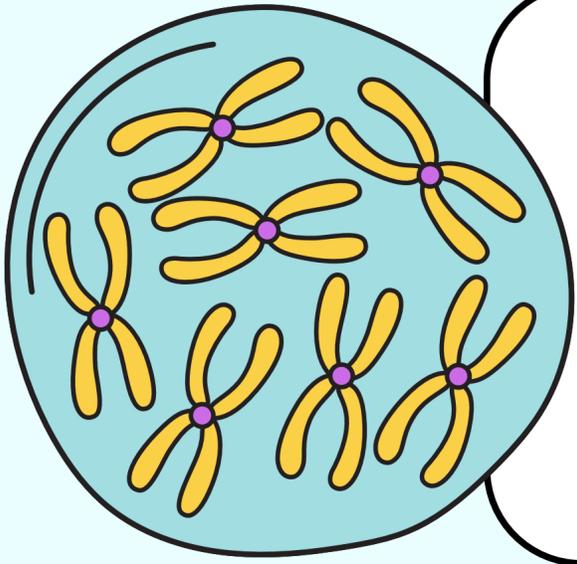


# INTRODUCTION TO GENE EDITING TECHNOLOGY

2112박은수 2127조현아 2128최예빈  
1116이승아 1620조정원



글 해석본

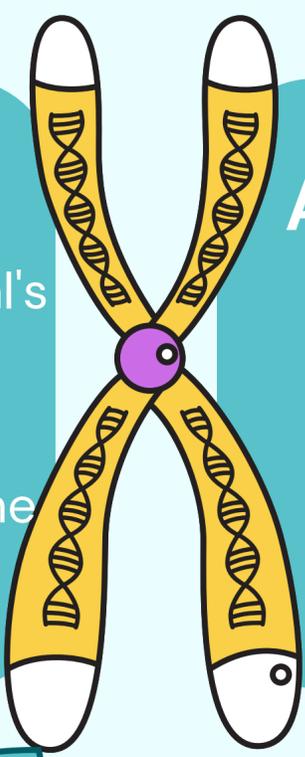


## What is gene editing technology?

Gene editing technology is a technology that modifies the gene sequence inside a DNA molecule, making it possible to change or modify the function of a gene. It is possible to manipulate or modify the genetic information of an individual

## Examples of application

- Transplantation of a modified animal's kidney into a human
- Only the cells in the area where the cancer cells spread are cut with gene scissors to remove the cancer cells



## Application field

- medical science
- farming industry
- Industry

## SOCIAL ASPECT

### Positive

1. Help in treating genetic diseases
2. Improve crop yield
3. enhance livestock for agriculture

### Negative

1. ethical concerns
2. the potential for unintended consequences
3. creating genetic inequalities

