Group 1
Cellular Level

If foreign DNA could integrate into a cell's genome, what could happen to gene expression and cell function?

Group 2
Individual Level

What would it mean for a person's health if cells could not defend against foreign DNA?

Group 3
Generational Level

What if foreign DNA could alter the DNA in reproductive cells (eggs and sperm)?

Group 4
Evolutionary Level

How has the evolution of these defense mechanisms contributed to species survival?