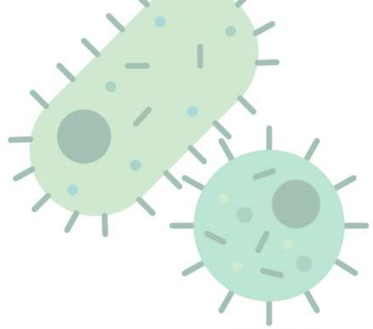
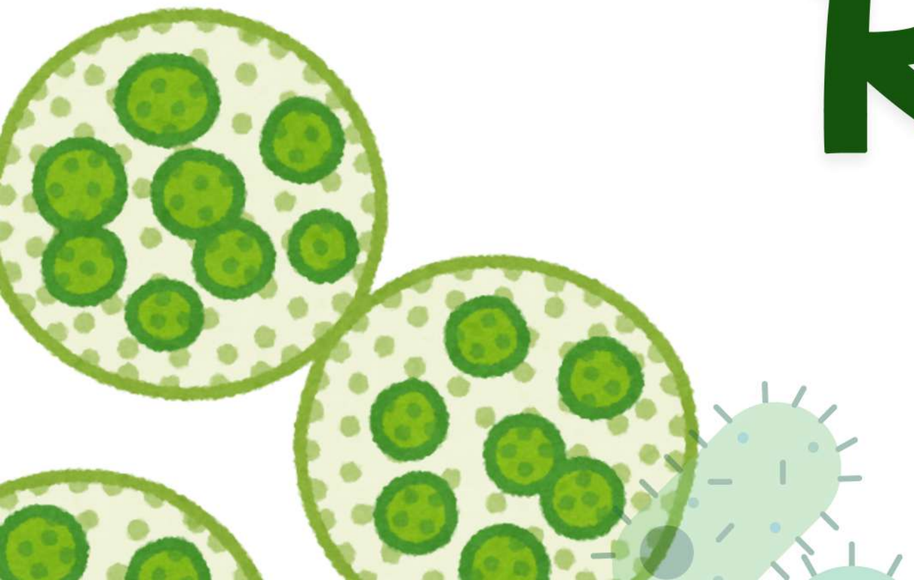
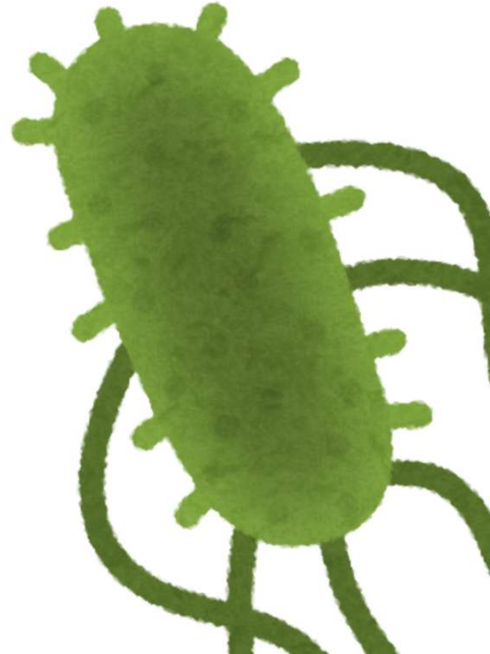


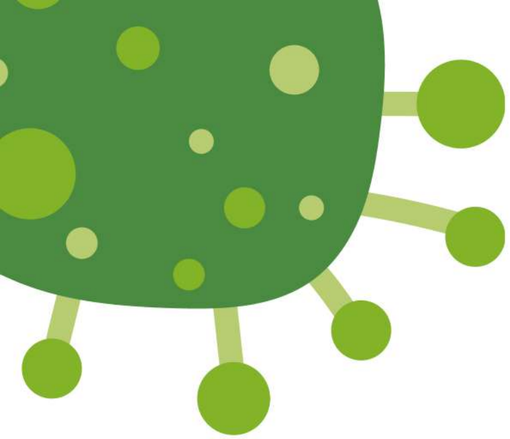
How to Read Literature Review

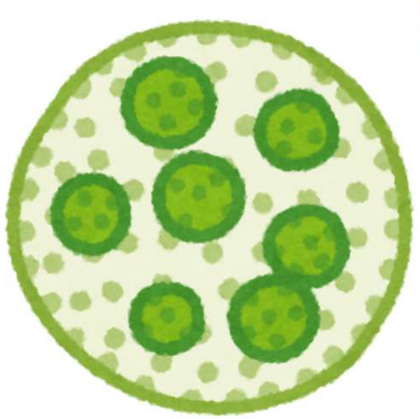




NCState iGEM

What is Literature Review



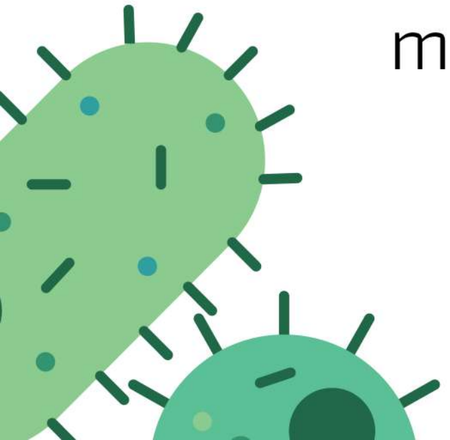


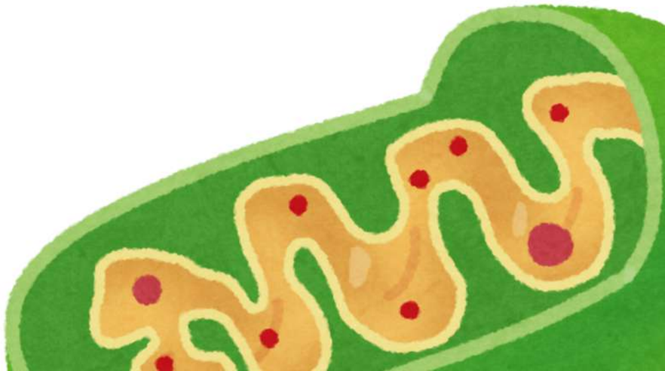
A literature review is important because it:

🔍 Summarizes and analyzes existing research from many studies

🧠 Helps you understand the big picture of a topic

🧩 Identifies what's been done and what's still missing

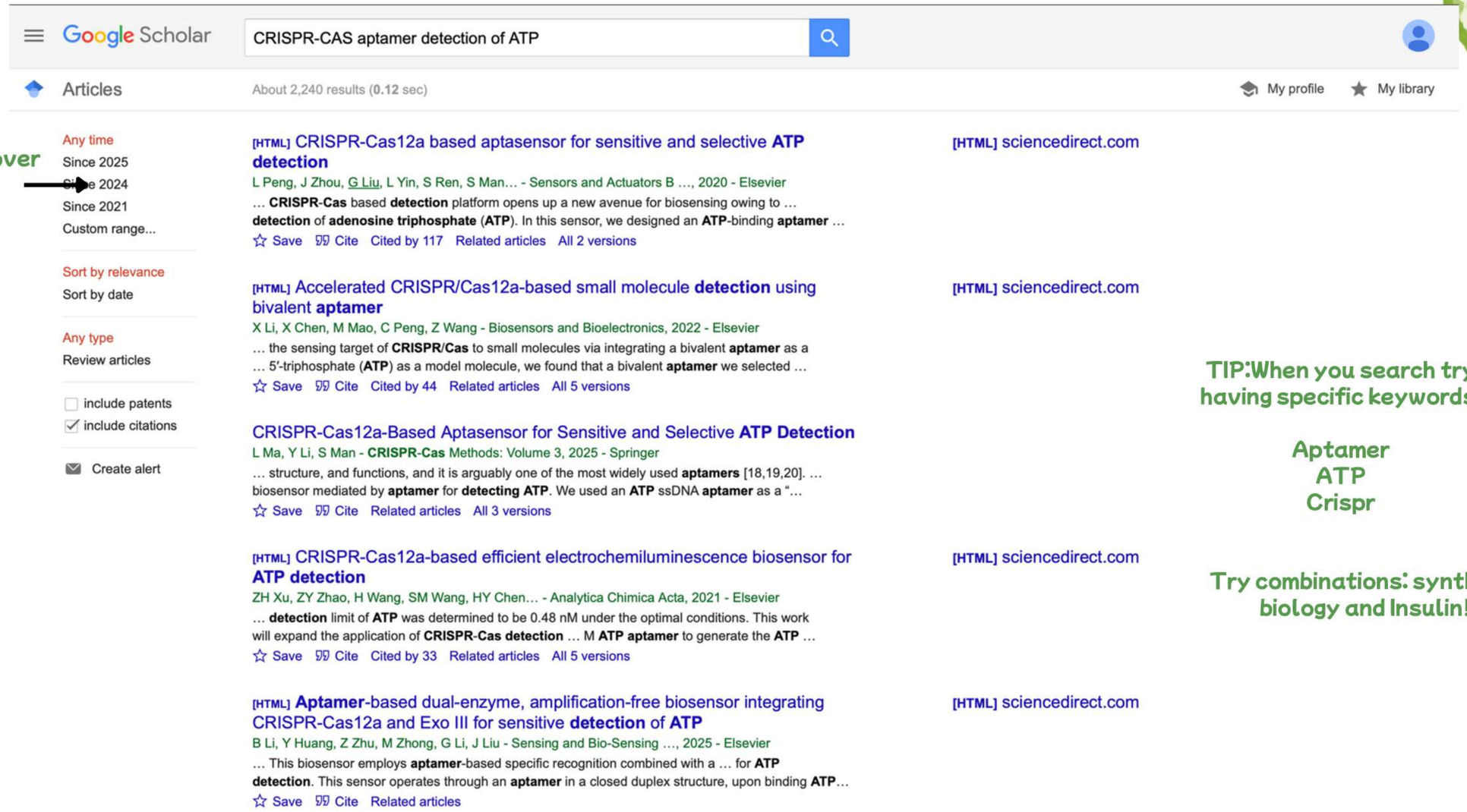




Where can you find Papers?

1. Google Scholar
2. ResearchRabbit
3. Pubmed

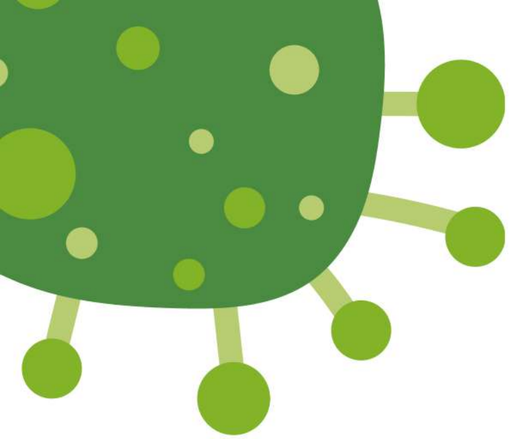
You can filter by year over here!



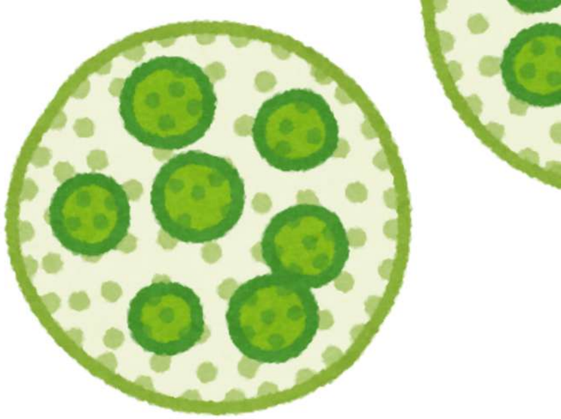
TIP:When you search try having specific keywords.

Aptamer
ATP
Crispr

Try combinations: synthetic biology and Insulin!



How to Read it?

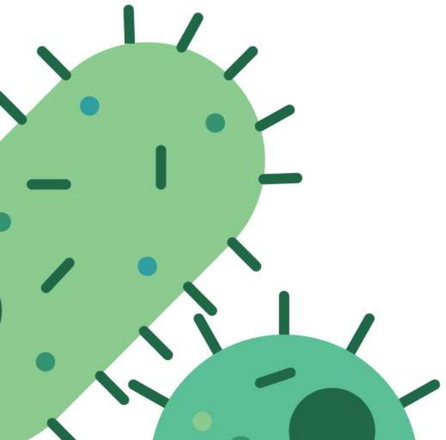


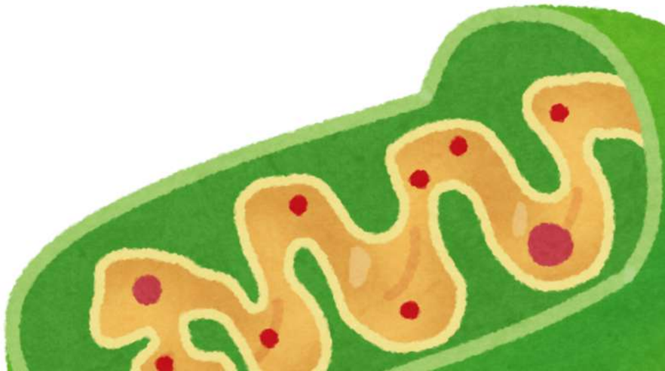
How to Read a Paper

- Title & abstract → does it match your question?
- Figures & results → what did they find?
- Conclusion → main takeaway

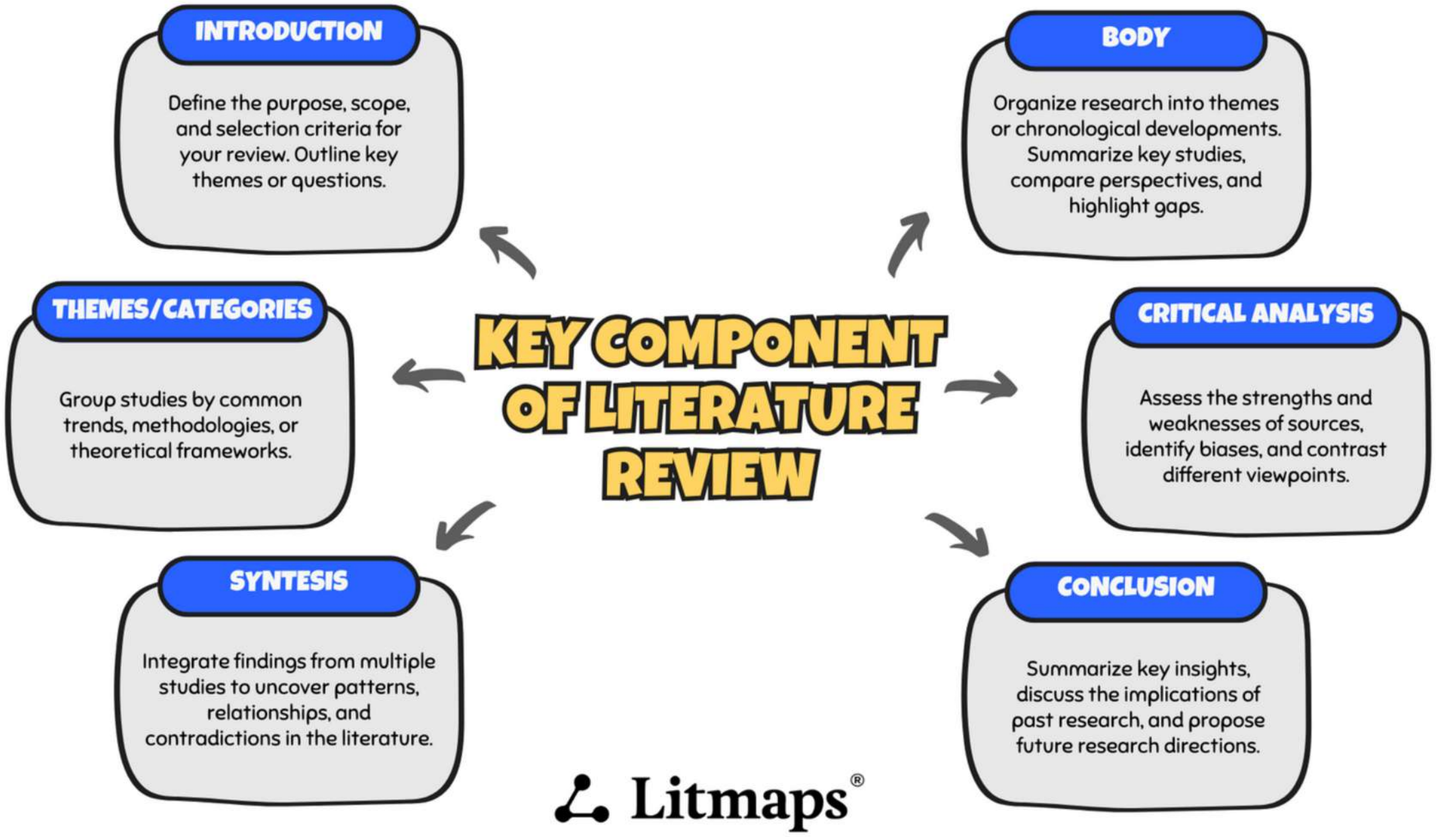
Don’t get stuck on every detail; focus on the big picture

Ask Questions!





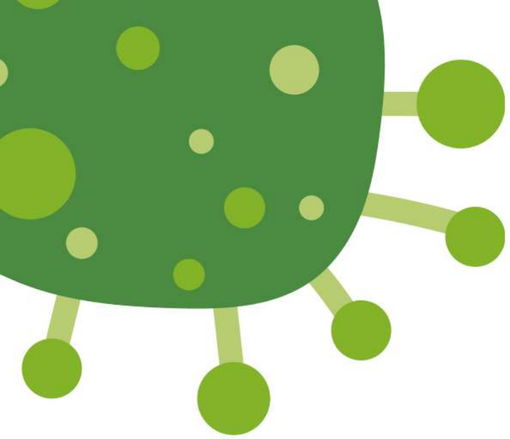
Analysis

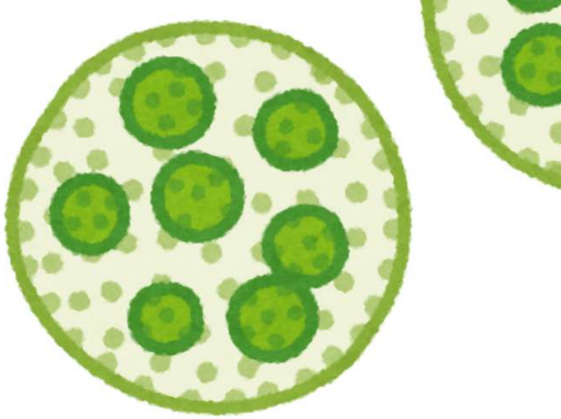


Litmaps®

Always cite your sources

https://www.litmaps.com/articles/what-is-a-literature-review

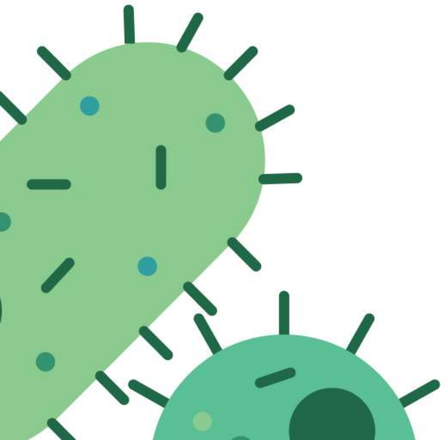


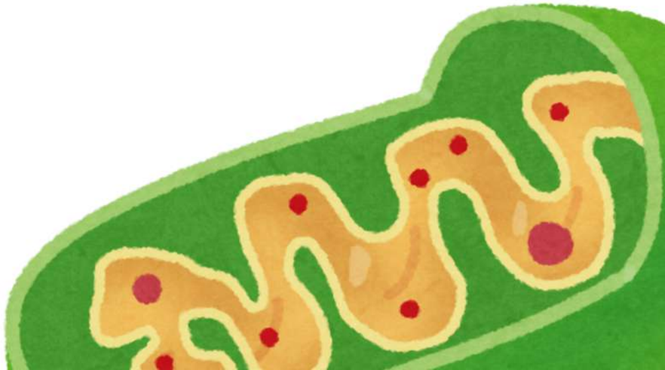


Example:

Can Bacteria Degrade Plastic?

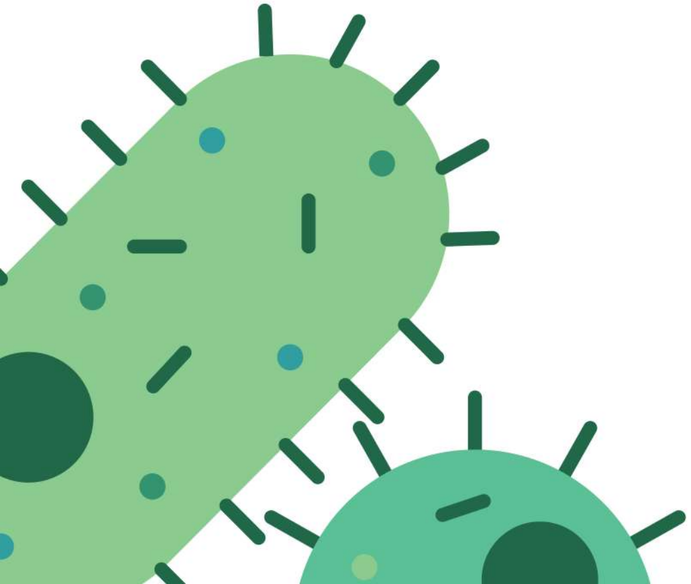
What would you consider?





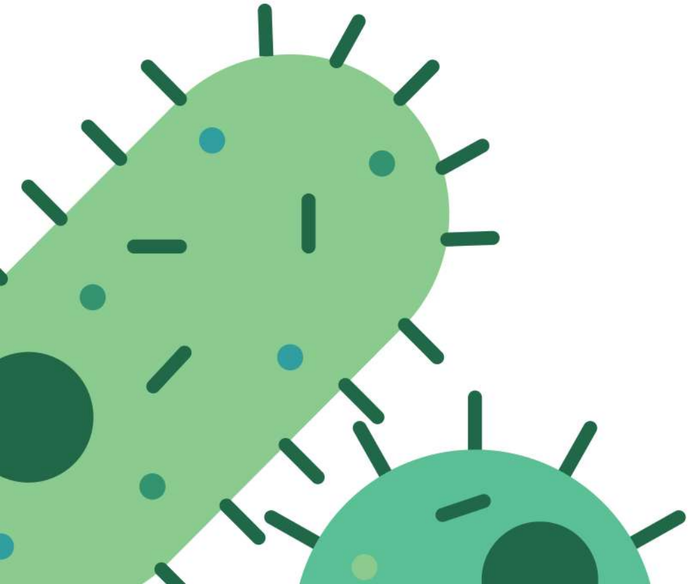
Idea Board

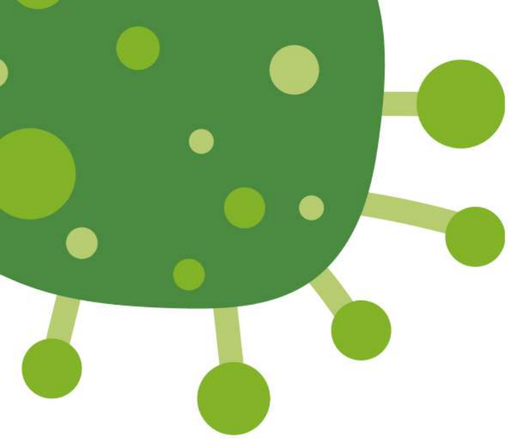
students can add sticky notes on their ideas over here

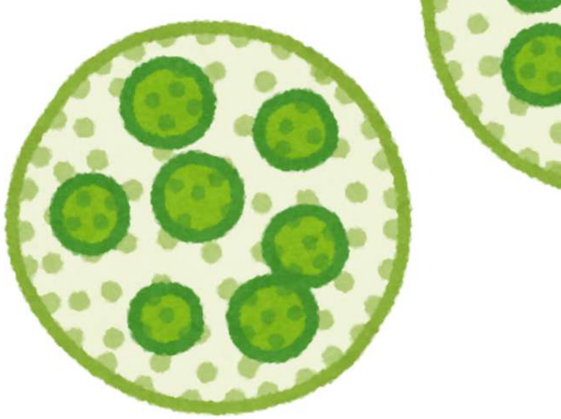


What did you find?

students can add their findings in this page

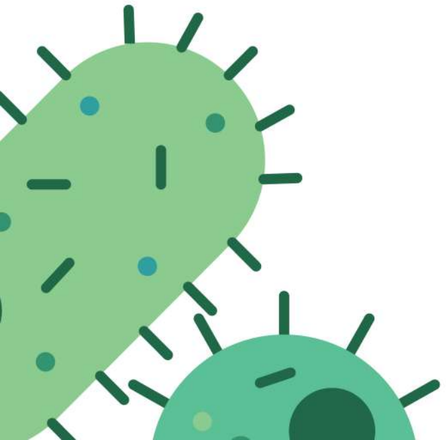


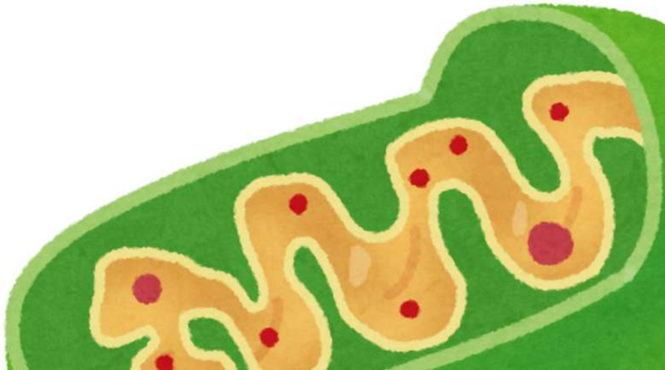


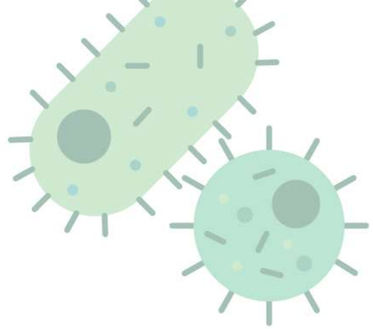
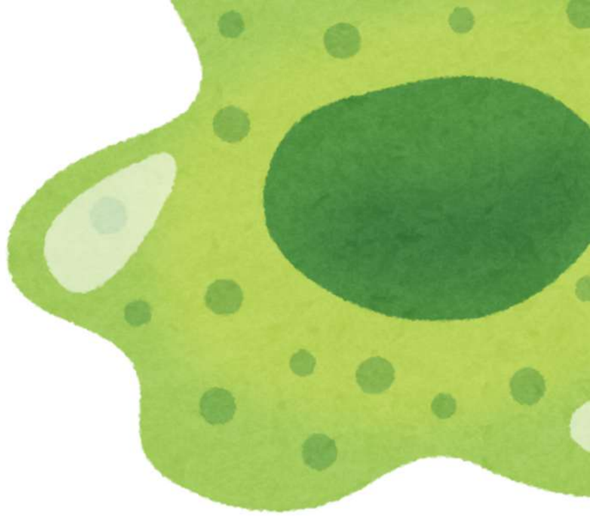


QnA Time

Any Question ?





Thank You