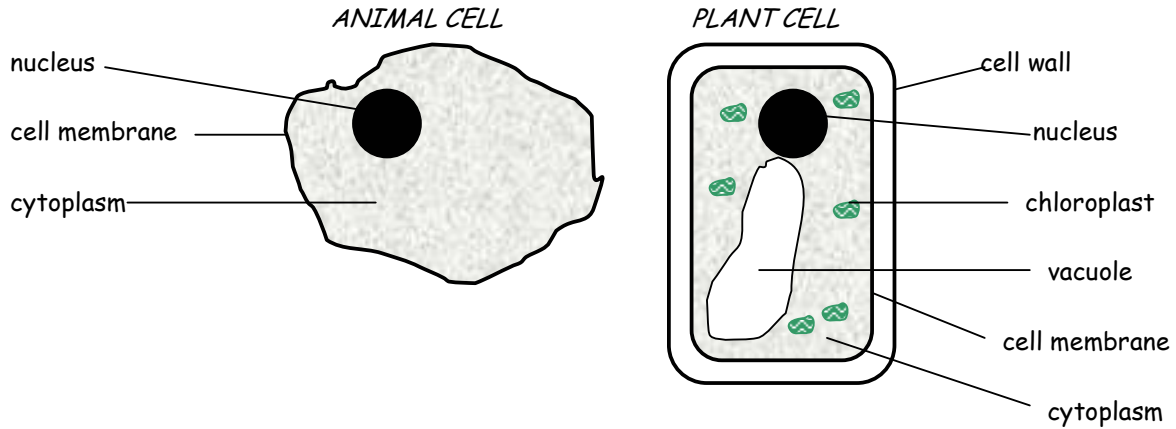


Intermediate 2 Biology
Chapter 1 - Cell Structure and Function Revision Notes

Cell structure



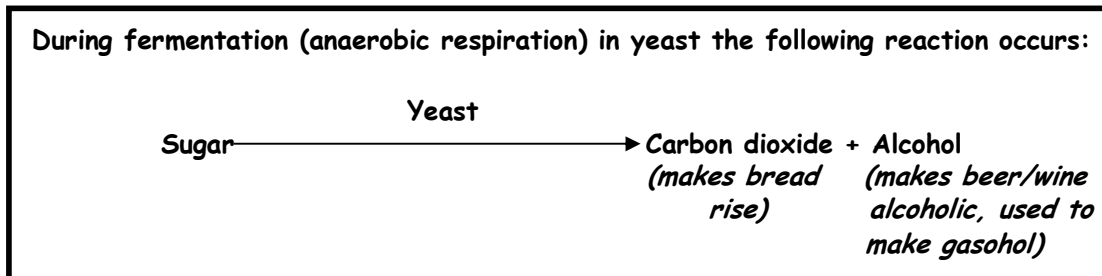
<u>Cell Structure</u>	<u>Function</u>
Nucleus	Contains genetic information. Controls cell activities.
Cell membrane	Controls entry and exit of substances.
Cytoplasm	Site of chemical reactions.
Chloroplast	Site of photosynthesis. Contains chlorophyll.
Cell wall	Maintains rigid cell shape. Made of cellulose.
Vacuole	Contains cell sap.

Commercial and Industrial Uses of Cells

Yeast

Yeast is a single-celled fungus. It is used in:

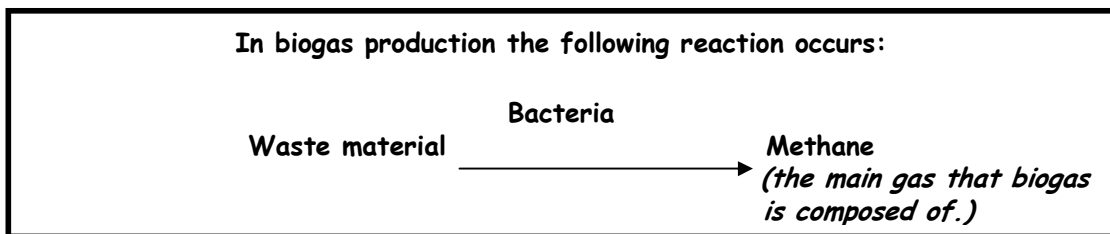
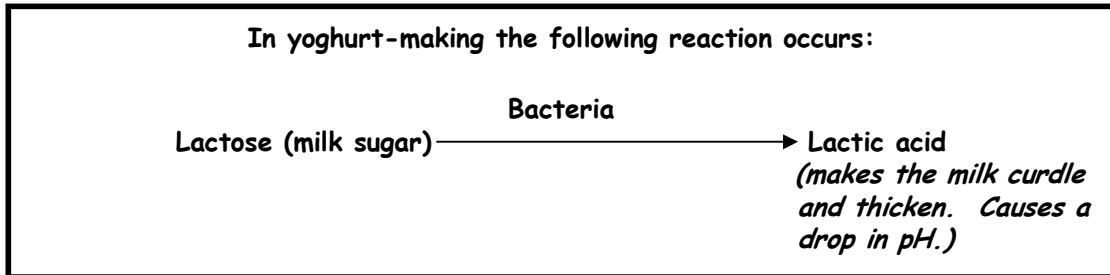
- Beer-making
- Wine-making
- Bread-making
- Gasohol (alternative fuel) production



Bacteria

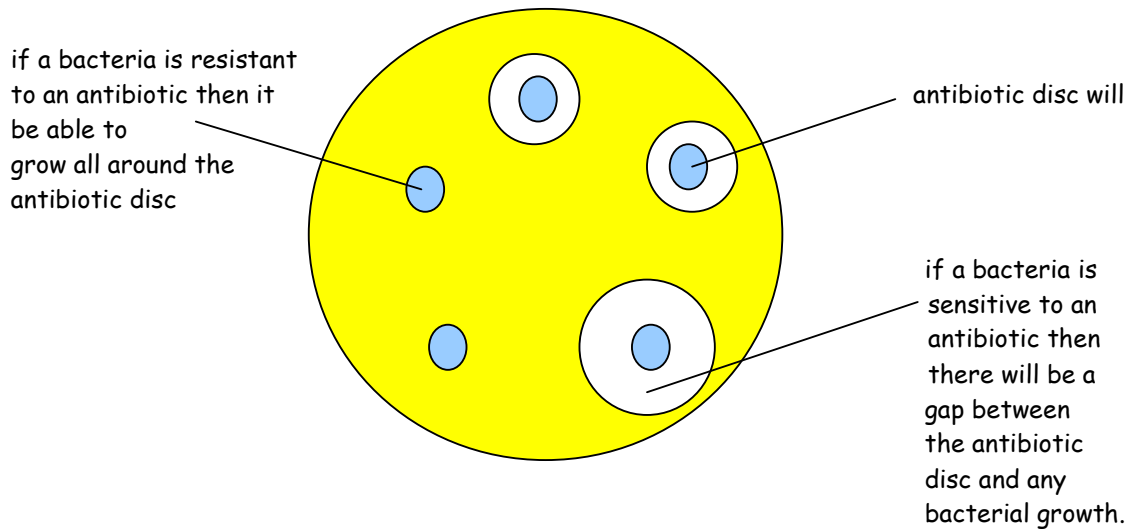
Bacteria are microscopic organisms. They are used in the production of:

Yoghurt
Biogas (alternative fuel)



Fungi

Fungi (such as *Penicillium*) are used in the production of antibiotics.



Remember - there has been an increase in the number of bacteria which are resistant to antibiotics this is because of OVERUSE OF ANTIBIOTICS.