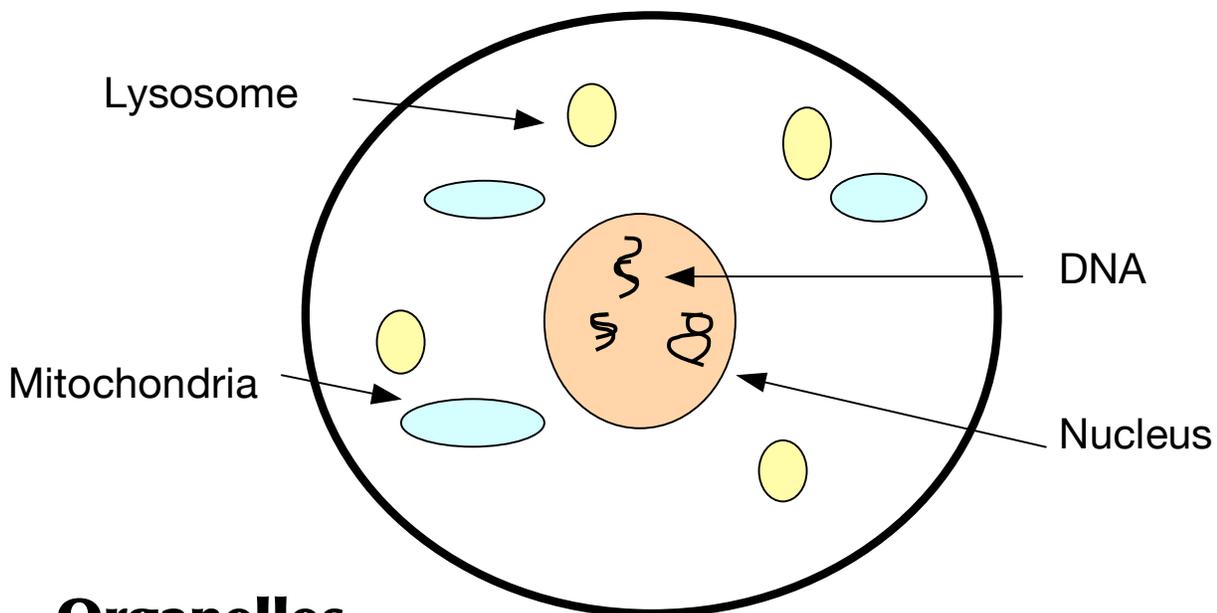


ANIMAL CELLS AND DNA

- All animals, including fish and humans, are made up of trillions of cells.
- The **cell** is the smallest building block in our body.
- All animal cells have structures in them called **organelles** to carry out the duties of the cell.



Organelles

1. **Nucleus** – Contains **DNA** (deoxyribonucleic acid) and controls all cell function.
2. **Mitochondria** – Changes sugars into energy for the cell. The energy is called ATP (adenosine triphosphate).
3. **Lysosome** – Digests all nutrients delivered to the cell. Blood then carries the nutrients to each and every cell throughout your body.