

Source: [\[KBhBIO101Cells\].md](#)

# 1 | Organelles in Eukaryotic Cells

## 1.1 | Chloroplast and Mitochondria

- **Chloroplast** — found in plants + does photosynthesis
- **Mitochondria** — found in animals + store ATP and extract energy from ATP

## 1.2 | Rough Endoplasmic Reticulum (ER) and Smooth ER

- Rough ER — covered by ribosomes and folds [\[KBhBIO101Proteins\]](#)
- Smooth ER — not covered by ribosomes and makes [\[KBhBIO101Lipids\]](#)