

# 1 | Macromolecules

## 1.1 | Scales

**Macromolecules:** Measured on the scale of picometres. Extremely small + at atomic scales.

**Macromolecule Structure:** Measured on the scale of nanometres.

**Organelles + Viruses:** Measured on the scales of hundreds of nanometers

**Cells + Bacteria:** Measured on the scales of micrometers

## 1.2 | "Small Molecules" vs. "Macromolecules"

- Small molecules — < 30-40 atoms
- Macromolecules — > 30-40 atoms, joined by polymerization or just, are, big

## 1.3 | Some Macromolecules!

- KBhBIO101Carbs
- KBhBIO101Lipids
- KBhBIO101AminoAcids
- KBrefRubisco