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1 | Macromolecules

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

“Small Molecules” vs. “Macromolecules”

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

Some Macromolecules!

- [\[KBhBIO101Carbs\]](#)
- [\[KBhBIO101Lipids\]](#)
- [\[KBhBIO101AminoAcids\]](#)
- [\[KBrefRubisco\]](#)