

Macromolecules

CARBOHYDRATE



- monomer: Sugar (saccharides)
- provide immediate energy

Carbon, hydrogen, oxygen

CHO

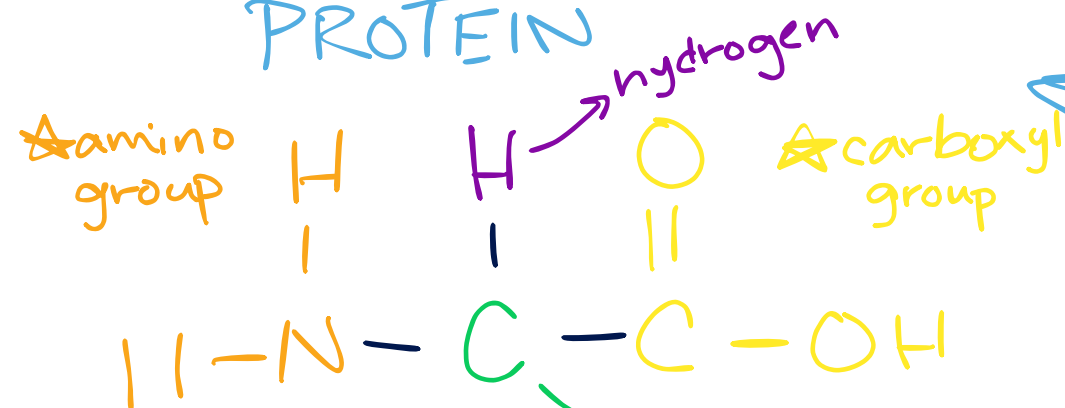
LIPID



CHO

- monomer: doesn't technically have one
- glycerols and fatty acids
- ★ membranes = lipids

PROTEIN

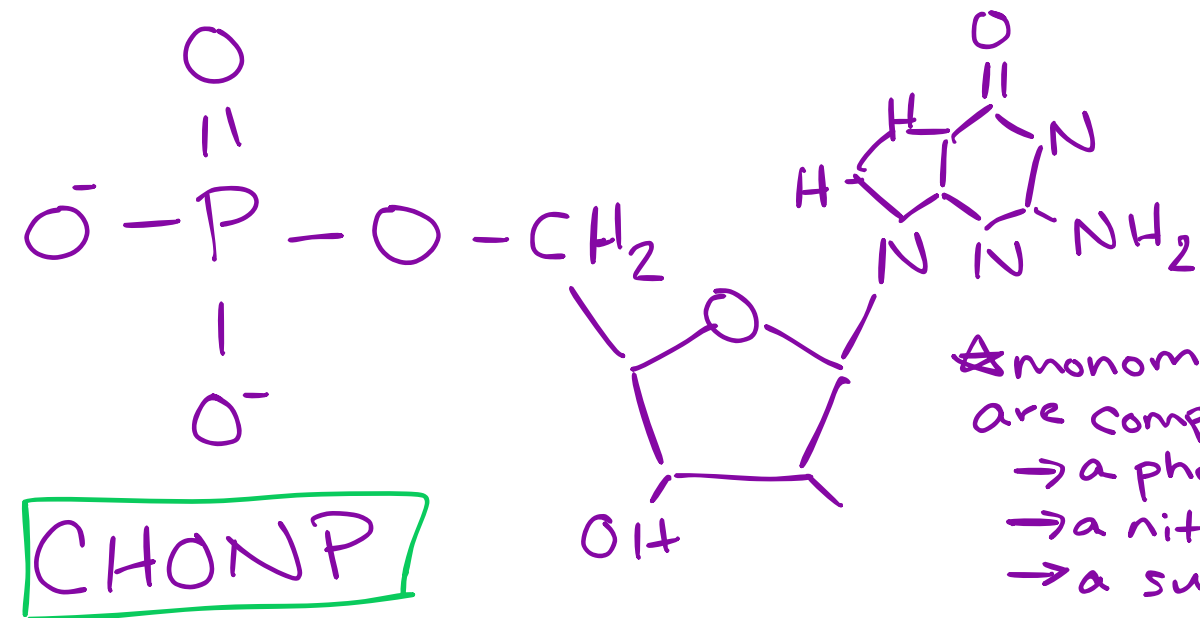


R group

CHON

- monomer: amino acids
- differentiated by R-groups

NUCLEIC ACID



CHONP

- ★ monomer: nucleotide, which are comprised of:
- a phosphate group
- a nitrogen base
- a sugar (ex. ribose, deoxyribose, etc)