

Carbohydrates

- structure: framework of cells
- CHO in 1:2:1 ratio
- ex: $C_6H_{12}O_6$ → store energy
- ring form or chain form

Glucose monosaccharide monomer

Simple Long chain of Glucose → in plants = starch
in animals = glycogen

Disaccharide

Polysaccharide
Complex Carb.
Polymer

Sep 25-1:30 PM

Lipids

Fatty Acid monomer

Saturated: F.A.
Contains max. # of Hydrogens

Unsaturated: FA's do not contain max # of Hydrogens

Triglyceride
Covalent bonds
polymer

Sep 25-1:55 PM

Proteins

Made up of Amino Acids
provide structure & function

Carboxyl Group

Amino Acid monomer
Covalent bonds
N, H, O, C

Functional group:
determines the function of the A.A.

Amino group

Amino Acid - Amino Acid bonds =
peptide bond

Sep 25-2:08 PM