

## BIOCHEMISTRY

<b>Terms</b>	<b>Definition</b>
3D- Structure	
Activation energy	
Active site	
ADP	
Allosteric modulation	
Alpha helix	
Amino acids	
Amphipathic molecules	
Anabolic reaction	
Anti- parallel strands	
ATP	
Base pairing	
Beta pleated sheet	
Carbohydrate	
Catabolic reaction	
Catalyst	

<b>Chemical forces (bonds)</b>	
<b>Cis- Fat</b>	
<b>Coenzyme</b>	
<b>Cofactor</b>	
<b>Competitive inhibitor</b>	
<b>Condensation (dehydration) reaction</b>	
<b>Coupling reaction</b>	
<b>Covalent Bond</b>	
<b>Cytoskeletal proteins</b>	
<b>Denaturation</b>	
<b>Deoxyribose</b>	
<b>Di- saccharide</b>	
<b>Disulphide bond</b>	
<b>DNA</b>	
<b>Double helix</b>	
<b>Electronegativity</b>	
<b>Endergonic reaction</b>	

<b>Enthalpy</b>	
<b>Entropy</b>	
<b>Enzyme</b>	
<b>Enzyme kinetics</b>	
<b>Exergonic reaction</b>	
<b>Fatty acids</b>	
<b>Feedback regulation</b>	
<b>Free Energy</b>	
<b>Glycolipids</b>	
<b>Glycoproteins</b>	
<b>Glycosidic linkage (bond)</b>	
<b>Homeostasis</b>	
<b>Hydrogen bond</b>	
<b>Hydrolysis reaction</b>	
<b>Hydrophobic interaction</b>	
<b>Ionic bond</b>	
<b>Irreversible inhibitor</b>	

<b>Kinetic energy</b>	
<b>Lipids</b>	
<b>Macromolecules</b>	
<b>Membrane</b>	
<b>Metabolism</b>	
<b>Micelle</b>	
<b>Monomer</b>	
<b>Monosaccharide</b>	
<b>mRNA</b>	
<b>Non- competitive inhibitor</b>	
<b>Non- polar molecule</b>	
<b>Nucleic acids</b>	
<b>Nucleoside</b>	
<b>Nucleotide</b>	
<b>Peptide bond</b>	
<b>Phosphodiester bond</b>	
<b>Phospholipid</b>	

<b>Polar molecule</b>	
<b>Polymer</b>	
<b>Polysaccharide</b>	
<b>Potential energy</b>	
<b>Primary structure of protein</b>	
<b>Protein</b>	
<b>Protein folding</b>	
<b>Proteoglycans</b>	
<b>Purine</b>	
<b>Pyrimidine</b>	
<b>Quaternary structure of protein</b>	
<b>Reaction equilibrium</b>	
<b>Reaction rate</b>	
<b>Redox reactions</b>	
<b>Ribose</b>	
<b>RNA</b>	
<b>rRNA</b>	

<b>Saturated fat</b>	
<b>Secondary structure of protein</b>	
<b>Side chains</b>	
<b>Spontaneous reaction</b>	
<b>Steroid</b>	
<b>Substrate</b>	
<b>Sugar - phosphate backbone</b>	
<b>Tertiary structure of protein</b>	
<b>Trans Fat</b>	
<b>Transition state</b>	
<b>Transmembrane proteins</b>	
<b>Triglyceride</b>	
<b>tRNA</b>	
<b>Unsaturated fat</b>	

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