Proteins- Proteins-  
Primary structure Secondary structure

Proteins- Proteins-   
Tertiary structure Quaternary structure

PROTEINS CARBOHYDRATES

CHITIN CELLULOSE

GLYCOGEN POLYSACCHARIDES

PEPTIDE BOND GLYCOSIDIC LINKAGE

GLUCOSE NUCLEIC ACID

AMINO ACID PYRIMIDINE

PURINE ENZYME

ACTIVE SITE ALLOSTERIC SITE

PLASMA MEMBRANE LYSOSOME

MITOCHONDRIA CHLOROPLAST

ROUGH-ER SMOOTH-ER

GOLGI BODY PLASMODESMATA

GLYCOPROTEIN FEEDBACK INHIBITION

ANAPHASE PROPHASE

HOMOZYGOUS HETEROZYGOUS

INCOMPLETE DOMINANCE ALLELE

SOMATIC CELL GAMETES

GEOMETRIC ISOMER CHAPERONIN

POLY-A TAIL 5’ GTP CAP

NUCLEOLUS 9+2 ARRANGEMENT

CELL WALL EXTRACELLULAR MATRIX

HYPOTONIC HYPERTONIC

SODIUM-POTASSIUM RECEPTOR-MEDIATED PUMP ENDOCYTOSIS

LIGAND PROTON PUMP

SIGNAL TRANSDUCTION G-PROTEIN  
PATHWAY

PROTEIN KINASE HYDROGEN BOND

ENANTIOMER AMINO GROUP

DISULFIDE BRIDGE PHOSPHATE GROUP

α 1-4 LINKAGE NONDISJUNCTION

RANDOM FERTILIZATION TELOMERE

TELOMERASE HELICASE

HOMOLOGOUS MISSENSE MUTATION  
CHROMOSOME

NONSENSE MUTATION FRAMESHIFT MUTATION

GENOTYPE HETEROZYGOUS

PEDIGREE X-LINKED RECESSIVE

SICKLE CELL ANEMIA CYSTIC FIBROSIS

KARYOTYPE DOWN SYNDROME

LINKED GENES MONOSOMY

LAGGING STRAND LEADING STRAND

PRIMASE SEMI-CONSERVATIVE REPLICATION

INTRONS SPLICEOSOMES

t-RNA AMINO ACYL t-RNA SYNTHETASE

si-RNA’S UBIQUITIN

POST TRANSCRIPTIONAL HISTONES  
PROCESSING

DNA METHYLATION HISTONE ACETYLATION

PROKARYOTES EUKARYOTES

TRANSLATION REVERSE TRANSCRIPTASE

LYTIC CYLE LYSOGENIC CYCLE

POLYPEPTIDE TRANSFORMATION

CONJUGATION TRANSDUCTION

BACTERIOPHAGE PROPHAGE

RESTRICTION ENDONUCLEASES RFLP ANALYSIS

PCR PLASMID

RETROVIRUS ORIGIN OF REPLICATION

OPERATOR PROMOTER

RNA POLYMERASE REPRESSOR PROTEIN

OPERON TRANSPOSON

*lac* OPERON ATP

REPRESSIBLE OPERON HEMOGLOBIN

APOPTOSIS CATALASE

m-RNA ONE GENE-ONE POLYPEPTIDE  
 HYPOTHESIS

MITOSIS POLAR BODIES

BARR BODY POLYPLOIDY

AUTOSOMES AMNIOCENTESIS

HAPLOID DIPLOID

GAMETOPHYTE SPOROPHYTE

ALTERNATION OF SYNAPSIS  
GENERATIONS

CROSSING OVER PHOSPHOLIPIDS

OSMOSIS PRIONS

ANTIBIOTIC RESISTANCE HYDROPHOBIC

POLAR MOLECULE PLASMOLYSIS

THYLAKOIDS CRISTAE

CENTRAL DOGMA HOMEOSTASIS

OOGENESIS ALLELE

BINARY FISSION F1 GENERATION

RECESSIVE DNA

HETEROCHROMATIN NUCLEOSOME

LIGASE NITROGEN BASE

OKAZAKI FRAGMENT CYCLIN

PLEIOTROPY KINASE

CYCLIN-DEPENDENT AUTOTROPH  
KINASE

NUCLEOID REGION CENTROMERE

CENTROSOME KINETOCHORE

CILIA FLAGELLA

MICROTUBULE POSTSYNAPTIC CLEFT

COTRANSPORT FACILITATED DIFFUSION

DIFFUSION HYBRID