

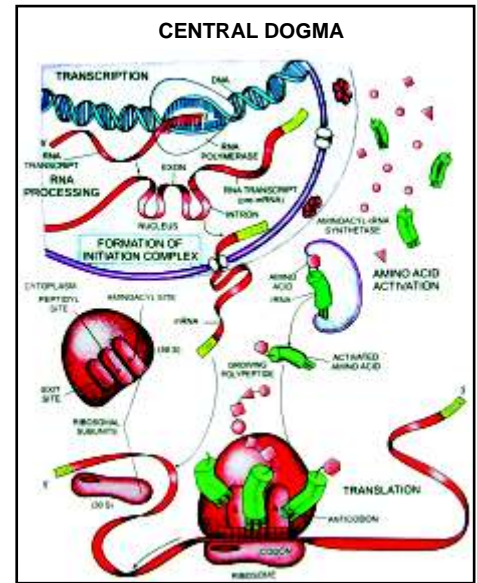
These charts are available on Superfine White Rexine which are waterproof and fitted with light weight plastic rollers.

**BIO-CHEMISTRY-**  
total 36 CHARTS

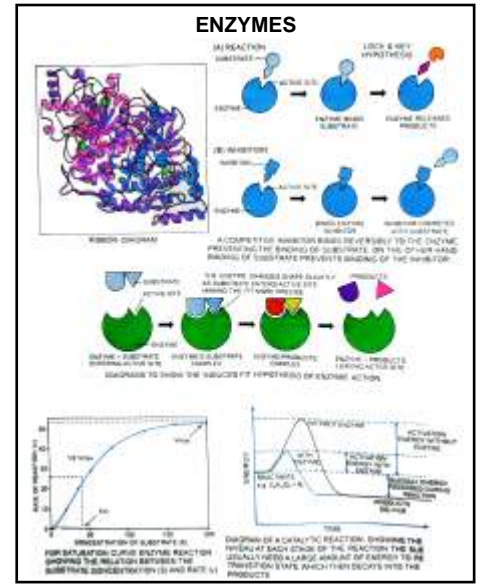
- CH 04 # Structure of mitochondria
- CH 06 # Chloroplast structure
- CH 1100 Calvin Cycle (C<sub>3</sub>Cycle)
- CH 1100A Photo Respiration (C<sub>2</sub>Cycle)
- CH 1101 Carbohydrates - I
- CH 1102 Carbohydrates - II
- CH 1103 Lipids
- CH 1104 b oxidation of fatty acids
- CH 1108 Urea Cycle
- CH 1113 # Ribosome
- CH 1114 Transcription factors
- CH 1115 Aminoacyl-t RNA biosynthesis
- CH 1117 Carbohydrate metabolism - TCA Cycle
- CH 1118 Photosynthesis: Photosynthetic Electron Transport Chain
- CH 1119 Lac Operon
- CH 1120 Carbohydrate metabolism - Glycogenesis & Glycogenolysis
- CH 1122 Proteins (Structural Organization)
- CH 1123 Nucleic Acid - DNA
- CH 1124 Nucleic Acid -RNA
- CH 1125 Central Dogma
- CH 1127 Enzymes Detailed
- CH 1128 Carbohydrate metabolism - Glycolysis
- CH 1129 DNA Protein interaction
- CH 1130 Carbohydrate metabolism - Gluconeogenesis
- CH 1133 C<sub>4</sub> Cycle and CAM Plants
- CH 1134 Biosynthesis of Triglycerides & Cholesterol
- CH 1135 Biosynthesis of saturated Fatty Acids
- CH 1136 Essential & Non Essential Amino Acid
- CH 1137 Amino Acid Metabolism
- CH 1139 Bacterial Genetic Transformation
- CH 1140 Hershey - Chase Experiment
- CH 1142 Mechanism of Blood Coagulation
- CH 1143 Hormones and their Physiological Roles
- CH 1144 Biochemical Aspects of Diabetes Mellitus
- CH 1145 ABC Transporters
- CH 1146 Phosphotransferase System (PTS)

**BIO-TECHNOLOGY-**  
total 40 CHARTS

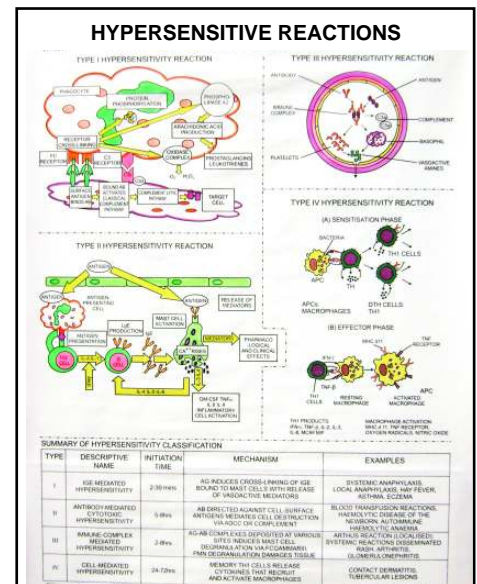
- CH 10 # DNA-Structure
- CH 18 # Mendelian Laws of Inheritance
- CH 22A Mutations and chromosomal Aberrations
- CH 22B # Linkage and Crossing Over
- CH 1151 Method of sterilization
- CH 1152 Microbial Species and Strains
- CH 1153 Hypersensitive Reactions
- CH 1154 Immune Response to an Infection
- CH 1155 Blotting Techniques
- CH 1156 DNA Replication
- CH 1157 HIV Life Cycle
- CH 1158 Genetic Code
- CH 1159 Prokaryotic Gene Expression
- CH 1160 The immune System
- CH 1161 Antigen - Antibody Interactions
- CH 1162 Cell Culture (Primary & Secondary)
- CH 1163 Genetic Engineering
- CH 1164 Recombinant DNA Technology
- CH 1165 Gene Cloning and Transfer
- CH 1166 Transgenic Animals
- CH 1167 Environmental Biotechnology
- CH 1169 Gene Interactions
- CH 1170 Genetic Disorders
- CH 1171 Microbial Genetics
- CH 1172 Immunoglobulin Structure
- CH 1173 B & T Lymphocytes
- Ch1174 Humoral & Cell Mediated Immunity
- CH 1175 PCR (Polymerase Chain Reaction)
- CH 1176 Complement System
- CH 1177 MHC Clan- I Molecule
- CH 1178 MHC Clan- II Molecule
- CH 1179 DNA Repair Mechanism
- CH 1179A DNA Finger Printing
- CH 1180 Monoclonal Antibody Production
- CH 1181 Nuclear Splicing
- CH 1183 Yeast Artificial Chromosome
- CH 1184 Gene Therapy
- CH 1186 Retroviruses & Retroposons
- CH 1187 Transposons
- CH 1188 Signal Transduction



CH 1125



CH 1127



CH 1153

# Dbios Biochemistry Model

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DBCM 4	Adenine	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub>	1800/-	DBCM 17	Protein Structure		6000/-
DBCM 5	Guanine	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O	1800/-				
DBCM 6	Thymine	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	1800/-				
DBCM 7	Uracil	C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> O <sub>2</sub>	1400/-				
DBCM 8	Steroid	C <sub>19</sub> H <sub>28</sub> O <sub>2</sub>	5000/-				
DBCM 9	Vitamin D	C <sub>27</sub> H <sub>44</sub> O	6000/-				
DBCM 10	Cholesterol	C <sub>27</sub> H <sub>46</sub> O	6000/-				



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## BIOLOGIST

SB 01	Lamark Jean Baptist	SB 10	Jagdish Chander Bose
SB 02	Charles Robert Darwin	SB 29	H.G. Khorana
SB 03	Gregor John Mendel	SB 50	Hugo De-Vries
SB 04	Louis Pasteur	SP 01	Hippocrates
SB 05	P. Maheswari	SP 08	Theodor Schwann
SB 07	Birbal Sahni	SP 14	Karl Landsteiner
SB 08	Aristotle	SP 24	J.D. Watson & H.F.C. Crick
SB 09	Alexander Fleming	SP 25	Jacob & Monod
		SP 42	Sir Ronald Ross

## FAMOUS NOBEL PRIZE WINNERS IN THE FIELD OF BIO-TECHNOLOGY

Year	Name	Field
1952	Selman Abraham Waksman	Streptomycin
1954	John Franklin Enders	Poliimyelitis Viruses
1958	Joshua Lederberg	Genetic Material Or Bacteria
1958	Edward Lawrie Tatum	Genes
1958	George Wells Beable	Genes
1959	Kornberg	Ribonucleic Acid And Deoxyribonucleic Acid
1960	Sir Frank Macfarlane Burnet	Immunological Tolerance
1968	Robert W. Holley	Protein Synthesis
1969	Max Delbruck	Genetic Structure of Viruses
1969	Alfred D. Hershey	Genetic Structure of Viruses
1969	Salvador E. Luria	Genetic Structure of Viruses
1972	Rodney R. Porter	Antibodies
1972	Gerald M. Edelman	Antibodies
1980	Baruj Benacerraf	Major Histocompatibility Complex
1980	George D. Snell	Major Histocompatibility Complex
1980	Jean Dausset	Major Histocompatibility Complex
1984	Cesar Milstein	Monoclonal Antibodies
1984	Georges J. F. Kohler	Monoclonal Antibodies
1984	Niels K. Jerne	Monoclonal Antibodies



www.dbioscharts.com

## DESH BIOLOGICAL WORKS

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