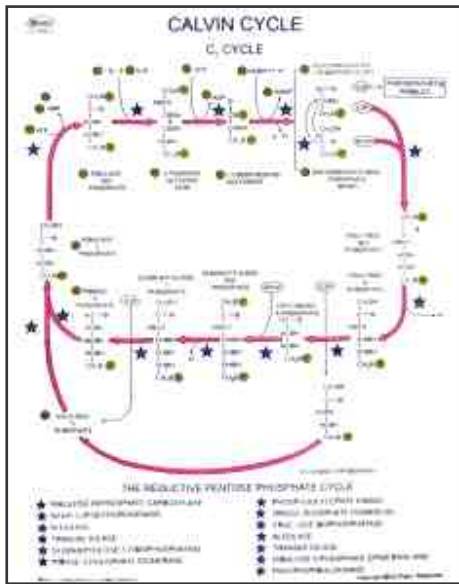
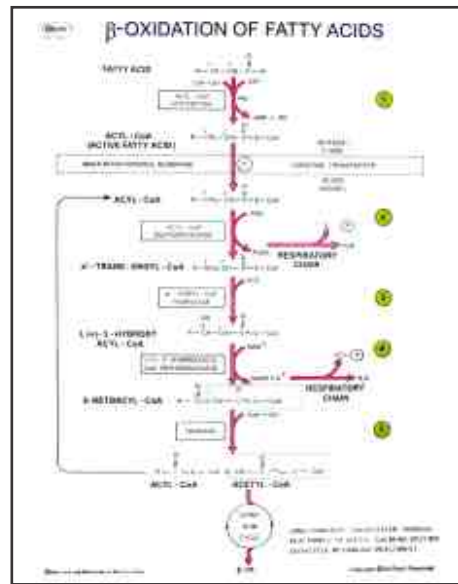


## BIO-CHEMISTRY TOTAL 37 CHARTS

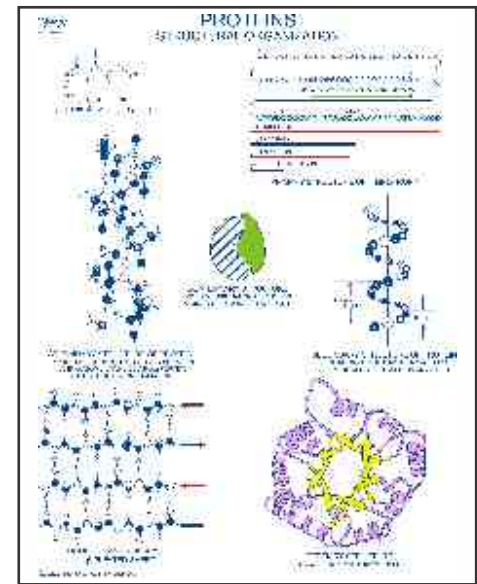
- CH 04 Structure of Mitochondria
- CH 06 Chloroplast structure
- CH 1100 Calvin Cycle (C<sub>3</sub>Cycle)
- CH 1100A Photo Respiration (C<sub>2</sub>Cycle)
- CH 1101 Carbohydrates - I
- CH 1102 Carbohydrates - II
- CH 1103 Lipids
- CH 1104 b oxidation of fatty acids
- CH 1108 Urea Cycle
- CH 1113 Ribosomes & Lysosomes
- CH 1114 Transcription & Translation factors
- CH 1115 Aminoacyl-t RNA biosynthesis
- CH 1117 Carbohydrate metabolism - TCA Cycle
- CH 1118 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 1126 Electrophoresis
- 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)



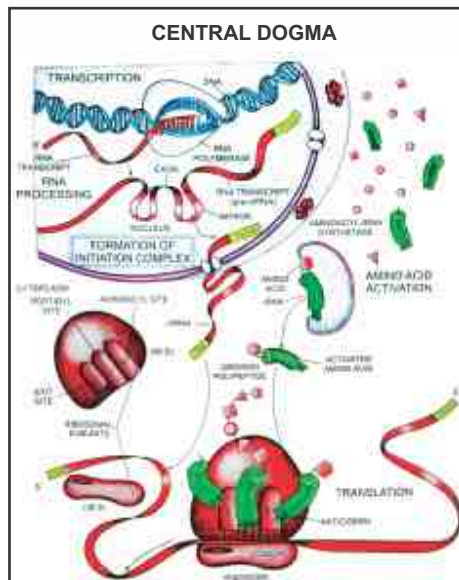
CH 1125



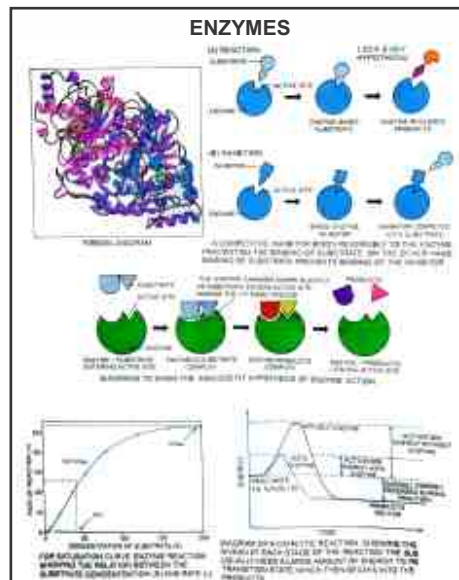
CH 1127



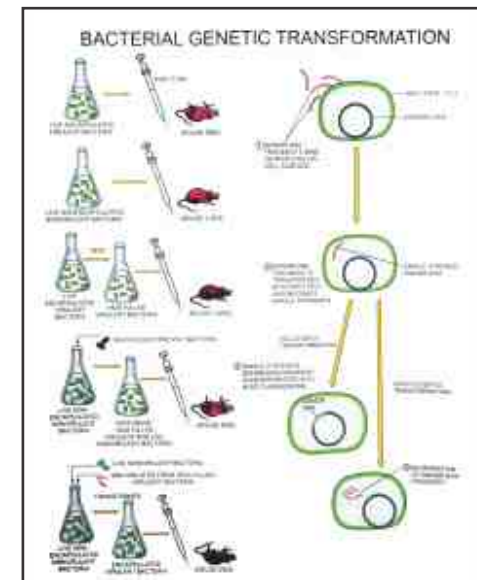
CH 1153



CH 1125



CH 1127



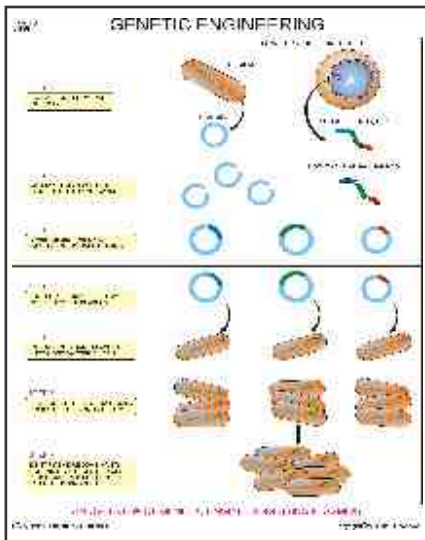
# BIO-TECHNOLOGY

Dbios Charts size 75x100cms. On Black / White Raxine

## BIO- TECHNOLOGY

TOTAL 46 CHARTS

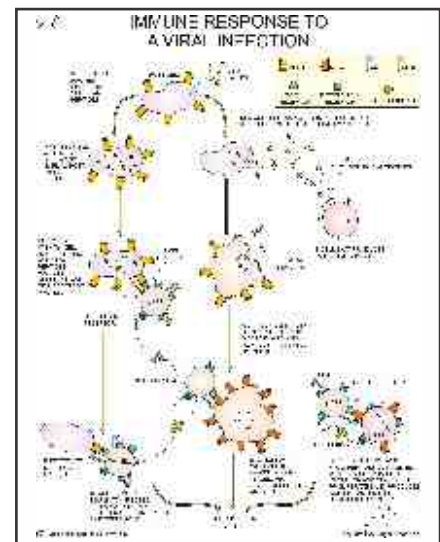
|         |                                       |          |                                  |
|---------|---------------------------------------|----------|----------------------------------|
| CH 10   | DNA-Structure                         | CH 1170  | Genetic Disorders                |
| CH 18   | Mendelian Laws of Inheritance         | CH 1171  | Microbial Genetics               |
| CH 22A  | Mutations and chromosomal Aberrations | CH 1172  | Immunoglobulin Structure         |
| CH 22B  | Linkage and Crossing Over             | CH 1173  | B & T Lymphocytes                |
| CH 1151 | Method of sterilization               | Ch1174   | Humoral & Cell Mediated Immunity |
| CH 1152 | Microbial Species and Strains         | CH 1175  | PCR (Polymerase Chain Reaction)  |
| CH 1153 | Hypersensitive Reactions              | CH 1176  | Complement System                |
| CH 1154 | Immune Response to an Infection       | CH 1177  | MHC Clan- I Molecule             |
| CH 1155 | Blotting Techniques                   | CH 1178  | MHC Clan- II Molecule            |
| CH 1156 | DNA Replication                       | CH 1179  | DNA Repair Mechanism             |
| CH 1157 | HIV Life Cycle                        | CH 1179A | DNA Finger Printing              |
| CH 1158 | Genetic Code                          | CH 1180  | Monoclonal Antibody Production   |
| CH 1159 | Prokaryotic Gene Expression           | CH 1181  | Nuclear Splicing                 |
| CH 1160 | The immune System                     | CH 1183  | Yeast Artificial Chromosome      |
| CH 1161 | Antigen - Antibody Interactions       | CH 1184  | Gene Therapy                     |
| CH 1162 | Cell Culture (Primary & Secondary)    | CH 1186  | Retroviruses & Retroposons       |
| CH 1163 | Genetic Engineering                   | CH 1187  | Transposons                      |
| CH 1164 | Recombinant DNA Technology            | CH 1188  | Signal Transduction              |
| CH 1165 | Gene Cloning and Transfer             | DBT 01   | Nucleotides & Biosynthesis       |
| CH 1166 | Transgenic Animals                    | DBT 02   | Growth Hormone                   |
| CH 1167 | Environmental Biotechnology           | DBT 03   | Active - Passive Transport       |
| CH 1169 | Gene Interactions                     | DBT 04   | Antigens                         |
|         |                                       | DBT 05   | Total count of Blood             |
|         |                                       | DBT 06   | Electrophoresis                  |



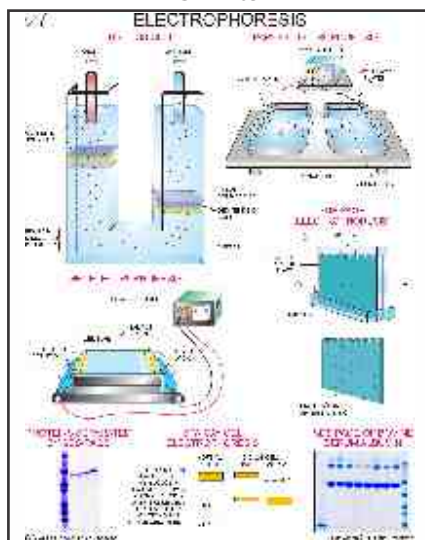
CH 1163



CH 1157



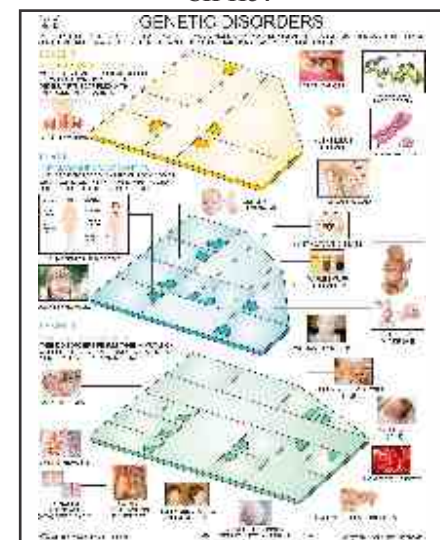
CH 1154



CH 1126



CH 47A



CH 1170

# Dbios Biochemistry Pioneers

Size 30x 45 cms. Laminated & Framed on NU-Wood Board

Size 50x 65 cms. Laminated and Attached with Durable Strips

Size 50x 65 cms. Laminated & Framed on NU-Wood Board

## 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        | Poliomyelitis Viruses                      |
| 1958 | Joshua Lederberg            | Genetic Material Or Bacteria               |
| 1958 | Edward Lawrie Tatum         | Genes                                      |
| 1958 | George Wells Beale          | 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                      |

30x 45 cms.



50x 65 cms.

