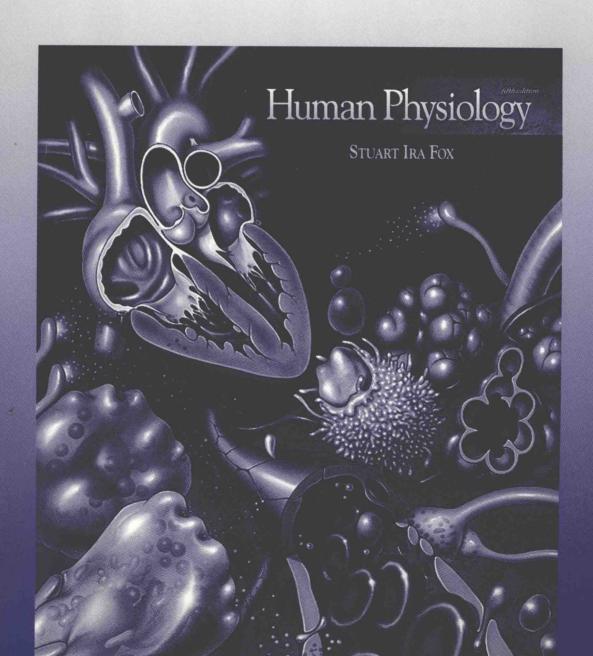
ART NOTEBOOK





student study ART NOTEBOOK



Human Physiology

STUART IRA FOX

Pierce College

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TO INSTRUCTORS AND STUDENTS

This Student Study Art Notebook is a gratis ancillary to assist students in note taking during lectures. On each page, there are one, two, or sometimes three figures faithfully reproduced from the textbook. Each figure also corresponds to one of the 150 acetates available to instructors who adopt this textbook.

The intention is to place the acetate art in front of students (via the notebook) as the instructor uses the

overhead during lectures. The advantage to the student is that he/she will be able to see all labels clearly, and take meaningful notes without having to make hurried sketches of the acetate figure.

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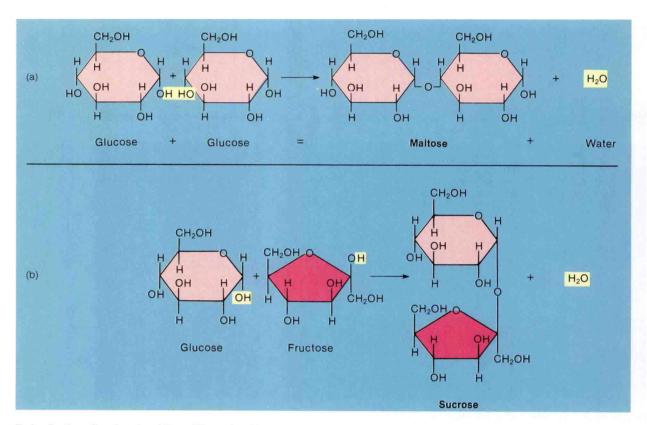
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TO ACCOMPANY STUART I. FOX HUMAN PHYSIOLOGY, 5ED.

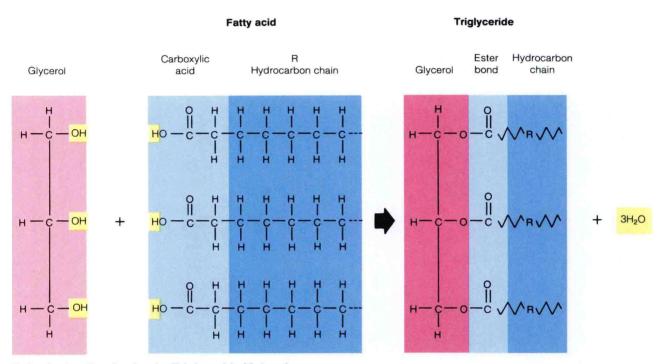
Chapter 2 Dehydration Synthesis of Two Disaccharides Figure 2.15 Dehydration Synthesis of a Triglyceride Molecule Figure 2.18 Chapter 3 The Fluid-Mosaic Model of the Cell Membrane Figure 3.2 Genetic Transcription and Translation	1 2 3	Nicotinic Acetylcholine Receptors Figure 7.22 Muscarinic ACh Receptors and G-Proteins Figure 7.23 AChE in the Postsynaptic Cell Membrane Figure 7.24 Release and Inactivation of Norepinephrine at the Synapse Figure 7.27 Effect of Norepinephrine in the	20 21 22 23
Figure 3.22 Synthesis of a Polypeptide Chain Figure 3.25	4 5	Postsynaptic Cell Figure 7.28 Chapter 8 The Lobes of the Left Cerebral	24
Chapter 4 The Lock-and-Key Model of Enzyme Action Figure 4.2 Metabolic Pathways Showing Inborn Errors of Metabolism Figure 4.10	6	Hemisphere Figure 8.6 Motor and Sensory Areas of the Cerebral Cortex Figure 8.7 The Basal Nuclei Figure 8.11 A Midsagittal Section Through the Brain Figure 8.15	25 26 27 28
Interrelationships of Glycogen, Fat, and	7 8 9 10	Chapter 9 Comparison of Somatic Motor and Autonomic Reflex Figure 9.1 The Collateral Sympathetic Ganglia Figure 9.5 The Autonomic Nervous System Figure 9.7 Chapter 10	29 30 31
	11	Tonic and Phasic Receptors Figure 10.2 The Labyrinth of the Inner Ear Figure 10.13	32 32
Different Mechanisms of Glucose	12 13	Sensory Hair Cells Within the Vestibular Apparatus Figure 10.14 The Ear Figure 10.18 The Structures of the Middle Ear	33 34
Chapter 7		Figure 10.19 The Structure of the Cochlea Figure 10.20	35 36
Unmyelinated and Myelinated Axons Figure 7.6 Formation of a Myelin Sheath by Oligodendrocytes Figure 7.7 The Diffusion of Na+ and K+ During an	14 15	Effect of Sound Frequency on the Basilar Membrane Figure 10.21 The Organ of Corti Figure 10.23 The Internal Anatomy of the Eyeball	37 38
	16	Figure 10.27 Refraction of Light by Structures of the Eye	39
	17	Figure 10.31 Changes in the Shape of the Lens During	39
The Conduction of a Nerve Impulse	18	Accommodation Figure 10.34 The Ability of the Eyes to Focus Light	40
A Gap Junction Figure 7.19 The Release of Neurotransmitters from	18 19	Figure 10.35 The Layers of the Retina Figure 10.36 Cones Provide Acuity, Rods Provide	41 42
.5		Sensitivity Figure 10.41	43

Chapter 11 Simplified Biosynthetic Pathways for Steroid Hormones Figure 11.2 Mechanism of Action of Steroid Hormones Figure 11.4 The Mechanism of the Action of T3 on the Target Cells Figure 11.5 The Function of Cyclic AMP as a Second Messenger in Hormone Action Figure 11.6 Hormones Activating PLC Use Ca++ as a Second Messanger Figure 11.7 Structure of Pituitary Gland Figure 11.9 Hormones Secreted by the Anterior Pituitary Figure 11.11 Control of the Anterior Pituitary by Hormones Secreted by the Hypothalamus into Portal Blood Vessels Figure 11.12 Negative Feedback Control of Gonadotropin Secretion Figure 11.14 Structure of Adrenal Gland Figure 11.15 Lack of Adequate Iodine in the Diet Interferes with the Negative Feedback Control of the TSH Secretion Figure 11.22 The Pancreas and the Islets of Langerhans Figure 11.26 Chapter 12 The Motor End Plate Figure 12.6 Skeletal Muscle Fiber Figure 12.8 Myofibrils Showing A, H, and I Bands Figure 12.9 Myofibrils of a Muscle Fiber Figure 12.10 The Sliding Filament Theory of Contraction Figure 12.11 Bonding of Myosin to ATP and Actin Figure 12.12 The Cross-Bridge Cycle Figure 12.13 Attachment of Ca++ to Troponin Switches on Muscle Contraction Figure 12.15 Relationship Between Myofibrils and the Sarcoplasmic Reticulum Figure 12.16 The Length-Tension Relationship in Skeletal Muscles Figure 12.17 Structure and Innervation of Muscle Spindles Figure 12.18 The Knee Jerk Reflex Figure 12.19 A Diagram of Reciprocal Innervation Figure 12.21 The Crossed-Extensor Reflex Figure 12.22	44 45 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	Time Course for Myocardial Action Potential and Contraction Figure 13.18 The Electrocardiogram Indicates the Conduction of Electrical Impulses Through the Heart Figure 13.19 The Placement of the Bipolar Limb Leads and the Exploratory Electrode for the Unipolar Chest Leads in an Electrocardiogram Figure 13.20 Relationship Between Impulse Conduction in the Heart and the ECG Figure 13.21 Relationship Between the ECG, Pressure Changes in the Ventricles, and the Heart Sounds Figure 13.22 The Action of the Venous Valves Figure 13.26 Chapter 14 The Frank-Starling Mechanism Figure 14.2 Regulation of Venous Return and End-Diastolic Volume Figure 14.5 The Daily Intake and Excretion of Body Water Figure 14.6 The Negative Feedback Control of Blood Volume and Blood Osmolality Figure 14.9 The Renin-Angiotensin-Aldosterone System Figure 14.10 Relationships Between Blood Flow, Vessel Radius, and Resistance Figure 14.12 Blood Pressure in Different Vessels of the Systemic Circulation Figure 14.13 The Distribution of Blood Flow During Rest and Heavy Exercise Figure 14.17 Cardiovascular Adaptations to Exercise Figure 14.18 Relationship Between the Total Cross-Sectional Area of Blood Vessels and the Blood Pressure Figure 14.22 The Action of the Baroreceptor Reflex Figure 14.25 Chapter 15 B Lymphocytes Have Antibodies on Their Surface That Function as Receptors for Specific Antigens Figure 15.5 A Macrophage Presents Antigens to Helper T Lymphocytes Figure 15.19 Interaction Between Macrophages, Helper T Lymphocytes, Killer T Lymphocytes,	80 81 81 82 83 84 85
Chapter 13 The Blood Cells and Platelets Figure 13.3 Extrinsic and Intrinsic Clotting Pathways Figure 13.6 Structure of the Heart, the AV, and Semilunar Valves Figure 13.8 Relationship Between Intraventricular Pressure and Heart Sounds Figure 13.11 The Conduction System of the Heart Figure 13.17	67 68 69 70	T Lymphocytes, Killer T Lymphoctyes, and Infected Cells Figure 15.20 Interaction Between Macrophages, Helper T Lymphocytes, and B Lymphocytes Figure 15.21 Chapter 16 A Cross Section of the Thoracic Cavity Figure 16.8 The Production of Pulmonary Surfactant by Type II Alveolar Cells Figure 16.12	86 87 88 89

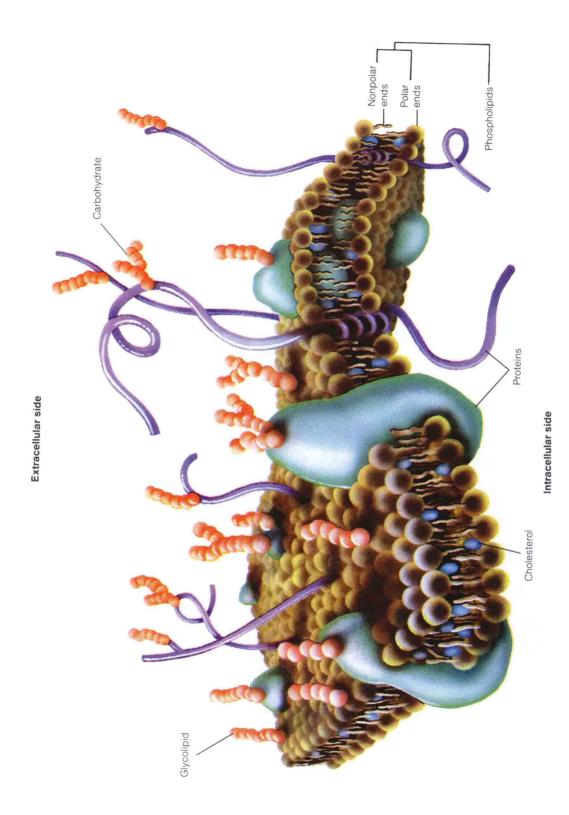
The Principal Muscles of Inspiration and Expiration Figure 16.14 Mechanics of Pulmonary Ventilation Figure 16.15 Relationship Between Bronchioles, Alveoli, and Pulmonary Capillaries Figure 16.22 Effect of Gas Exchange on the PO2 and PCO2 of Arterial and Venous Blood Figure 16.24 The Negative Feedback Control of Ventilation Figure 16.29 Effect of pH on the Oxyhemoglobin Dissociation Curve Figure 16.34 Carbon Dioxide Transport and the Chloride Shift in Tissue Capillaries Figure 16.37 Carbon Dioxide Transport in Pulmonury Capillaries Figure 16.38 Chapter 17 The Structure of the Kidney Figure 17.2 The Nephron Tubule and Its Associated Blood Vessels Figure 17.5 Position of Nephrons Within the Kidney Figure 17.6 Relationship Between Glomerular Capillaries and the Inner Layer of Bowman's Capsule Figure 17.8 Mechanism of Salt and Water Reabsorption in the Proximal Tubule Figure 17.14 Ascending Limb of the Loop of Henle Figure 17.15 The Countercurrent Multiplier System Figure 17.16 Countercurrent Exchange in the Vasa Recta Figure 17.17 Osmolality of Different Regions of the Nephron Tubules Figure 17.19 Filtration, Reabsorption, and Secretion Figure 17.20 The Renal Clearance of Inulin Figure 17.21 The Juxtaglomerular Apparatus Figure 17.25 Bicarbonate Reabsorption by the Renal Nephron Figure 17.28 Chapter 18	90 91 92	Flow of Blood and Bile in a Liver Lobule Figure 18.21 The Enterohepatic Circulation of Urobilinogen Figure 18.23 Steps in the Digestion of Fat Figure 18.33 The Absorption of Fat Figure 18.34	110 111 112 113
	93 94 94 95 95	Insulin Regulation of the Blood Glucose Concentration Figure 19.7 The Inverse Relationship Between Insulin and Glucagon Secretion and Action Figure 19.9 Cyclic AMP as a Second Messenger in the Action of Epinephrine and Glucagon Figure 19.13 The Formation of 1,25-Dihydroxyvitamin D ₃ Figure 19.20 The Negative Feedback Regulation of the Blood Ca ⁺⁺ Concentration Figure 19.22 Chapter 20 The Structure of the Testis Figure 20.12 Spermatogenesis Within the Semeniferous Tubules Figure 20.17 Organs of the Male Reproductive System Figure 20.21 Structure of the Penis Figure 20.22 A Dorsal View of Female Reproductive Organs Figure 20.24 Organs of the Female Reproductive System Figure 20.25 Photomicrographs of Primary and Graafian Follicles Figure 20.27 Diagram of the Cyclic Changes Within an Ovary Figure 20.32 Sample Values for LH, FSH, Progesterone, and Estradiol During the Menstrual Cycle Figure 20.33 The Cycle of Ovulation and Menstruation Figure 20.34 The Endocrine Control of the Ovarian Cycle Figure 20.36 Fertilization, Early Development of the	114 114 115
	96 97		117 118
	98 99		118 119 120
	100 100		121 122 123
	101 102 103		124 125
	104 105 106		126 127
	107 107		128 129
Major Layers of the Intestine Figure 18.3 The Major Regions and Structures of the Stomach Figure 18.5 Structure of an Intestinal Villus Figure 18.13	108 109 110	Arteries and Veins Figure 20.47 Credits	130 131



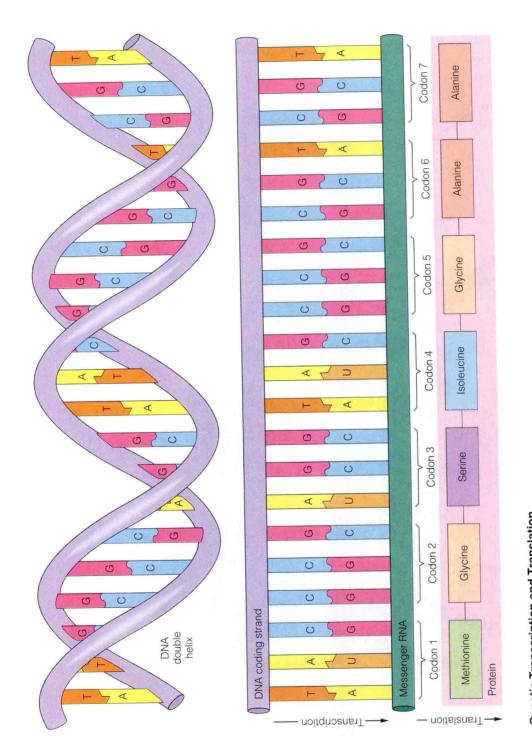
Dehydration Synthesis of Two Disaccharides Figure 2.15



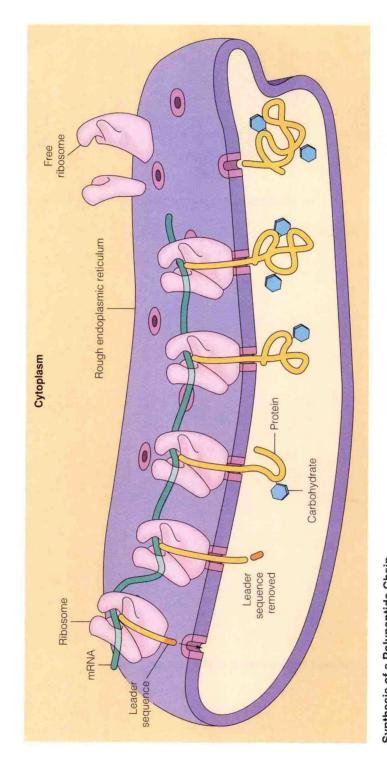
Dehydration Synthesis of a Triglyceride Molecule Figure 2.18



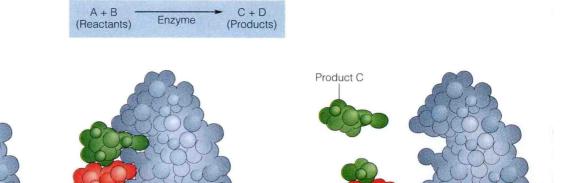
The Fluid-Mosaic Model of the Cell Membrane Figure 3.2



Genetic Transcription and Translation Figure 3.22



Synthesis of a Polypeptide Chain Figure 3.25



Product D

(a) Enzyme and substrates

Substrate A

Substrate B

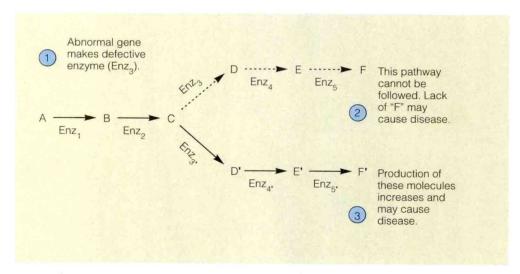
Active sites

(b) Enzyme-substrate complex

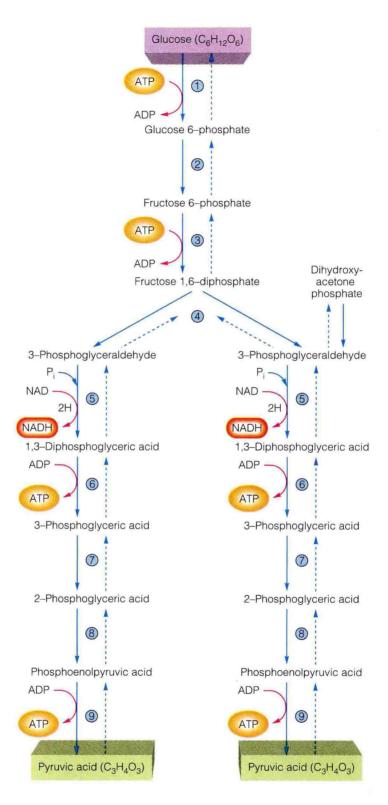
(c) Reaction products and enzyme (unchanged)

The Lock-and-Key Model of Enzyme Action Figure 4.2

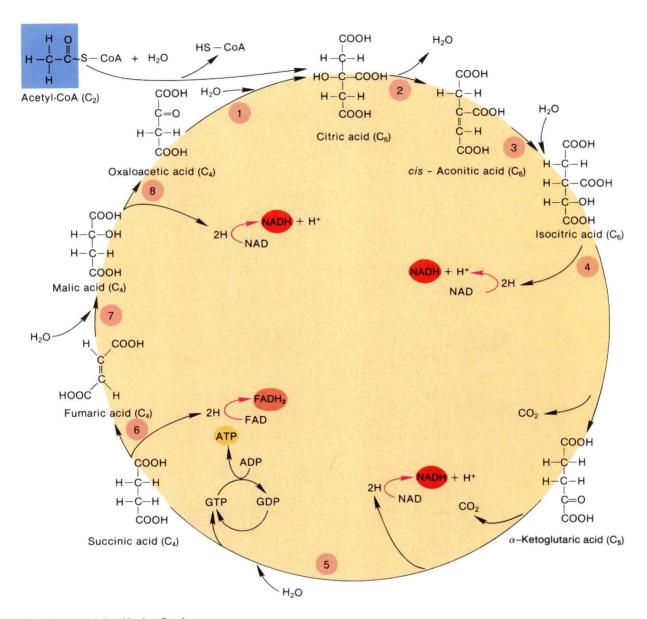
Enzyme



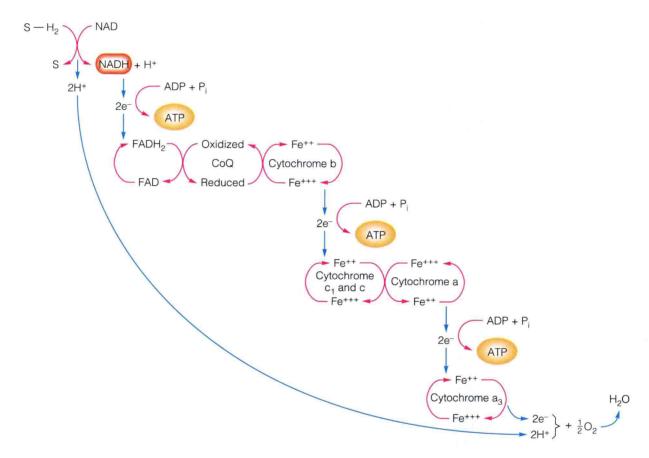
Metabolic Pathways Showing Inborn Errors of Metabolism Figure 4.10



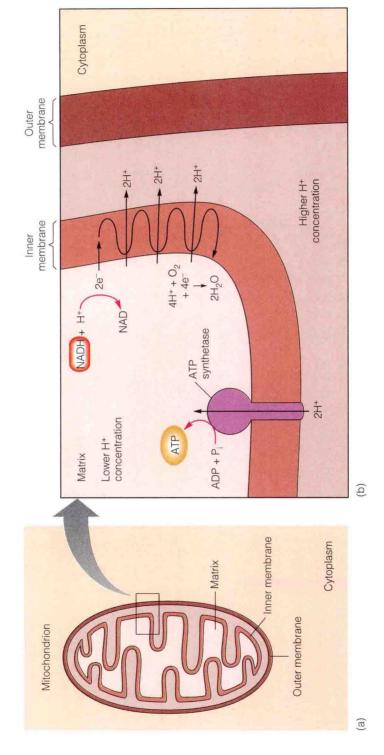
Steps of Glycolysis Figure 5.2



The Steps of the Krebs Cycle Figure 5.7



Electron Transport and Oxidative Phosphorylation Figure 5.8



The Chemiosmotic Theory of Oxidative Phosphorylation Figure 5.10