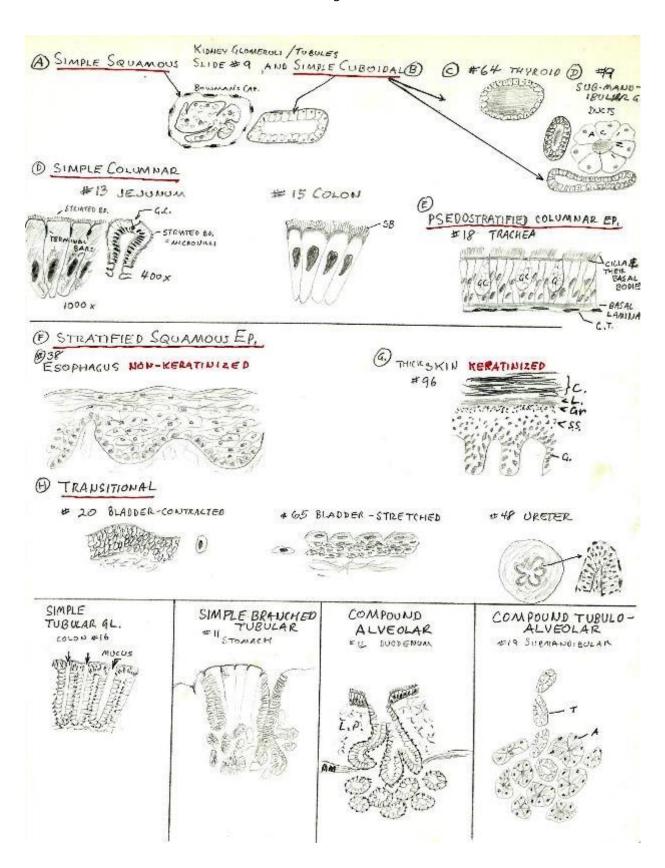
Illustrations of Histology Slides Drawn at the UMDNJ-NJ Medical School during the Fall, 1984 Human Gross, Microscopic Anatomy & Embryology Class by John E. B. Baker

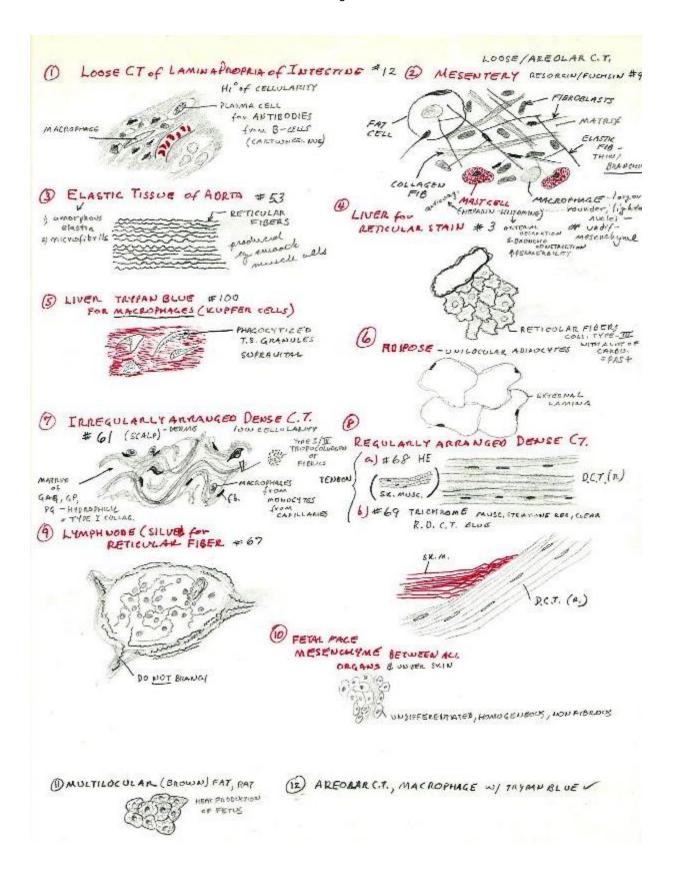


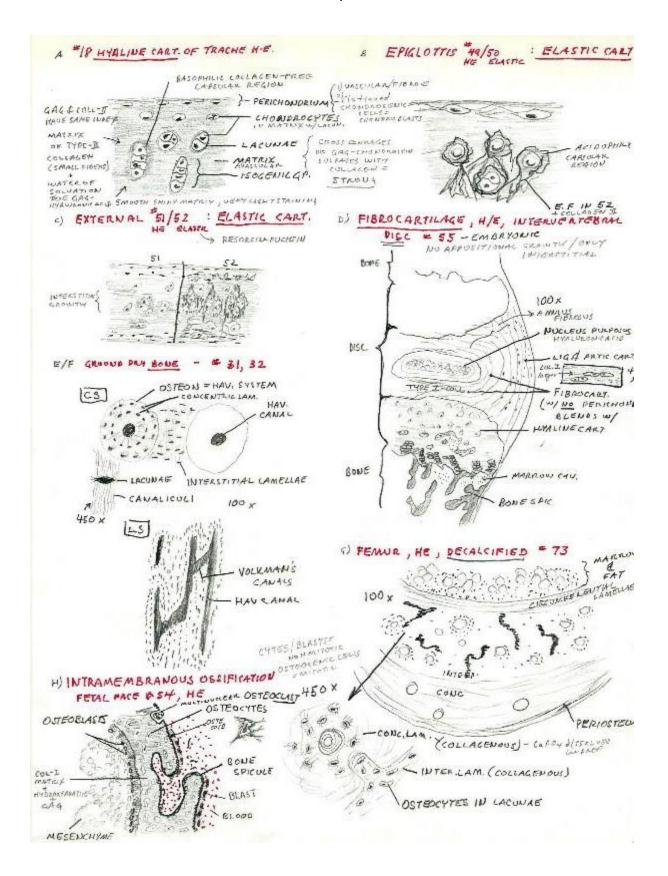
UMDNJ-NEW JERSEY MEDICAL SCHOOL DEPARTMENT OF ANATOMY MICROANATOMY SLIDE LIST 1984-1985

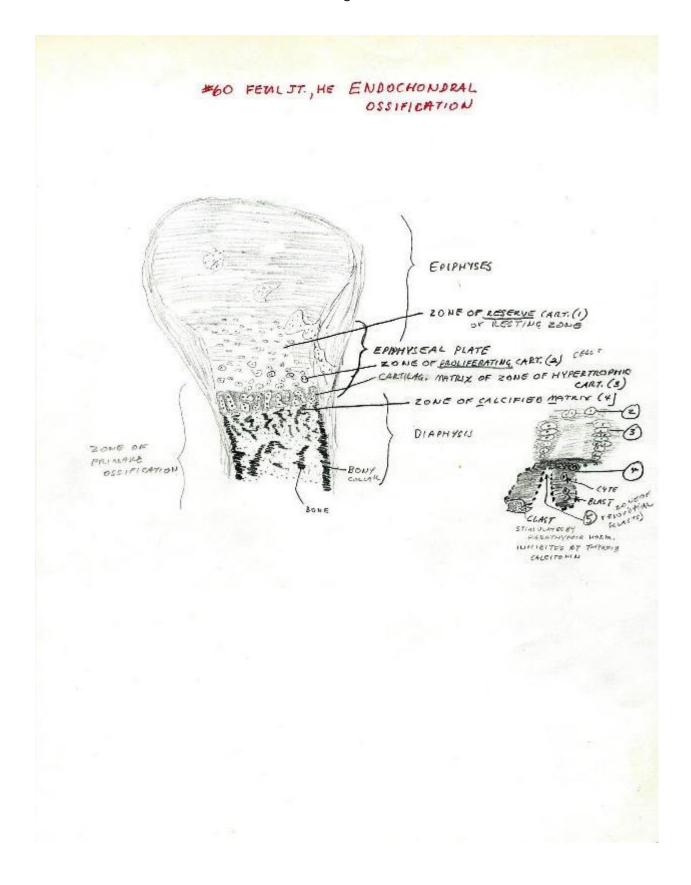
.IDE #	TISSUE/ORGAN AND SOURCE	STAIN
1	Liver, dog	Hematoxylin & Eosin
2	Liver, rat	Periodic Acid-Schiff &
		Hematoxyl in
3	Liver, human	Reticular (Gomori)
4	Pancreas, dog	Hematoxylin & Eosin
5	Ovary, human	Hematoxylin & Eosin
6	Mitosis, whitefish blastula	Hematoxylin & Eosin
6	Testis, Epididymis, human	Hematoxylin & Eosin
8	Chromosome Preparation, human	Geimsa
9	Kidney, human	Hematoxylin & Eosin
10	Stomach, Fundus, dog	Hematoxylin & Eosin
11	Stomach, Pylorus, monkey	Hematoxylin & Eosin
12	Small Intestine, Duodenum, monkey	Hematoxylin & Eosin
13	Small Intestine, Jejunum, monkey	Hematoxylin & Eosin
14	Small Intestine, Ileum, dog	Hematoxylin & Eosin
15	Large Intestine, L.S., monkey	Hematoxylin & Eosin
6	Large Intestine, X.S., monkey	Hematoxylin & Eosin
7	Larynx, human	Hematoxylin & Eosin
8	Trachea, monkey	Hematoxylin & Eosin
9	Submandibular gland, monkey	Hematoxylin & Eosin
20	Urinary Bladder, monkey	Hematoxylin & Eosin
1	Adipose tissue, human	Hematoxylin & Eosin
2	Eye, dog	Hematoxylin & Eosin
3	Skeletal Muscle, L.S., human	Hematoxylin & Eosin
4	Skeletal Muscle, X.S., human	
5	Cervix, human	Hematoxylin & Eosin
6	Spleen, human	Hematoxylin & Eosin Hematoxylin & Eosin
7	1 L 5 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L	
8	Appendix, human Internal Ear, guinea pig	Hematoxylin & Eosin
9		Hematoxylin & Eosin
0	Uterus, human	Hematoxylin & Eosin
1	Sympathetic Ganglion, human	Hematoxylin & Eosin
2	Ground Bone, L.S., human	Dry Mount
3	Ground Bone, X.S., human	Dry Mount
4	Bone Marrow smear, human	Geimsa
5	Peripheral Blood smear, human	Wright
6	Adrenal gland, human	Hematoxylin & Eosia
7	Mammary gland, resting, human	Hematoxylin & Eosin
8	Oviduct, Isthmus, human	Hematoxylin & Eosin
9	Esophagus, human	Hematoxylin & Eosin
0	Oviduct, Ampulla, human	Hematoxylin & Eosin
	Cardiac Muscle, human	Hematoxylin & Eosin
1	Lip, monkey	Hematoxylin & Eosin
2	Dorsal Root Ganglion, human	Hematoxylin & Eosin
3	Pituitary, human	Hematoxylin & Eosin
4	Placenta, full term, human	Hematoxylin & Eosin
5	Skin, thin, human	Hematoxylin & Eosin
6	Tongue, monkey	Hematoxylin & Eosin
7	Umbilical Cord, human	Hematoxylin & Eosin
8	Ureter, monkey	Hematoxylin & Eosin
9	Epiglottis, human	Hematoxylin & Eosin
0	Epiglottis, human	Elastic (Verhoeff)
		WINDSON A FRANCISCO I I

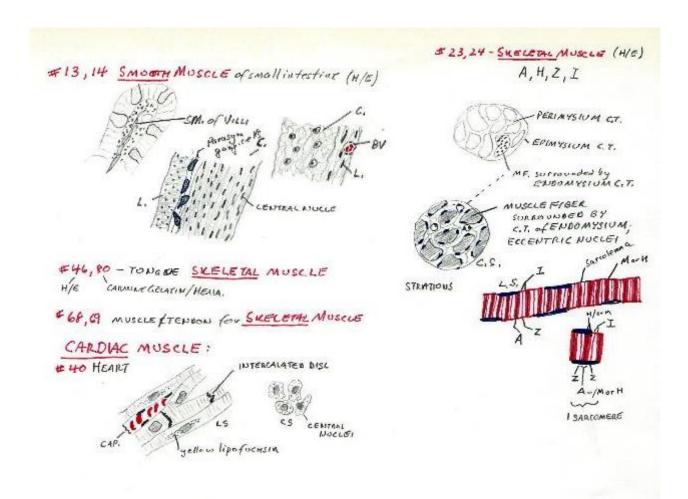
MICROANATOMY SLIDE LIST SLIDE # TISSUE/ORGAN AND SOURCE STAIN External Ear, human Hematoxylin & Eosin 52 Elastic (Verhoeff) Elastic (Verhoeff) External Ear, human 53 Aorta, human 54 Fetal Face, human Hematoxylin & Eosin 55 Intervertebral Disc, monkey or cat Hematoxylin & Eosin 56 Peripheral Nerve, L.S., human Hematoxylin & Eosin Peripheral Nerve, X.S., human 57 Trichrome (Gomori) 58 Thymus, adult, human Hematoxylin & Eosin 59 Thin Skin, pigmented, human Hematoxylin & Eosin 60 Fetal Joint, human Hematoxylin & Eosin 61 Scalp, human Hematoxylin & Eosin 62 Artery, Muscular, cat Gall Bladder, cat Hematoxylin & Eosin 63 Hematoxylin & Eosin 64 Thyroid, human Hematoxylin & Eosin 65 Stretched Bladder, kitten Hematoxylin & Eosin 66 Lymph Node, human Hematoxylin & Eosin 67 Lymph Node, human Reticular (Gomori) Muscle & Tendon, human Muscle & Tendon, human 68 Hematoxylin & Eosin 69 Trichrome (Gomori) 70 Kidney, dog Periodic Acid-Schiff and Hematoxylin 71 Parathyroid, human Hematoxylin & Eosin 72 Prostate, human Hematoxylin & Eosin 73 Femur, X.S., rabbit Hematoxylin & Eosin 74 Artery, Vein, & Nerve, human Hematoxylin & Eosin 75 Sperm smear, human Papanicolau 76 Aorta, human Hematoxylin & Eosin Corpus Luteum, dog 77 Hematoxylin & Eosin Perfused with Carmine Gelatin 78 Liver, rat stained with Hematoxylin Lung, Inflated, rat 79 Hematoxylin & Eosin 80 Tongue, rat Perfused with Carmine Gelatin stained with Hematoxylin Thymus, child, human Hematoxylin & Eosin 82 Bronchus, dog Hematoxylin & Eosin 83 Buccal Smear, human Cresyl Echt Violet 84 Liver, rat Feulgen (DNA) Vagina, human Spinal Cord, dog Hematoxylin & Eosin 85 86 Hematoxylin & Eosin Spinal Cord, dog 87 Luxol Blue & Cresyl Violet Parotid gland, monkey Seminal Vesicle, human 88 Hematoxylin & Eosin 89 Hematoxylin & Eosin Mammary gland, first trimester, monkey Mammary gland, lactating, monkey Tonsil, Lingual, dog Tonsil, Palatine, dog 90 Hematoxylin & Eosin 91 Hematoxylin & Eosin Hematoxylin & Eosin Hematoxylin & Eosin 92 93 94 Areolar Connective Tissue Elastic (Resorcin Fuchsin) and Hematoxylin & Eosin 95 Sublingual gland, monkey Hematoxylin & Eosin 96 Skin, Thick, fingertip, human Hematoxylin & Eosin Eyelid, human 97 Hematoxylin & Eosin 98 Coronary Artery, human Hematoxylin & Eosin 99 Bronchial Lymph Node, human Hematoxylin & Eosin 100 Liver, rat Intravital Trypan Blue stained with Eosin

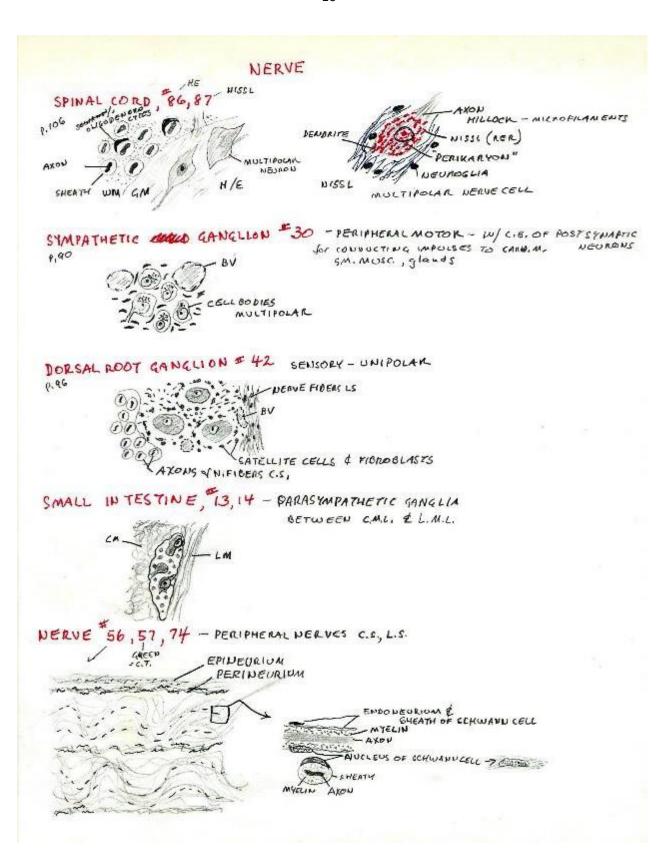


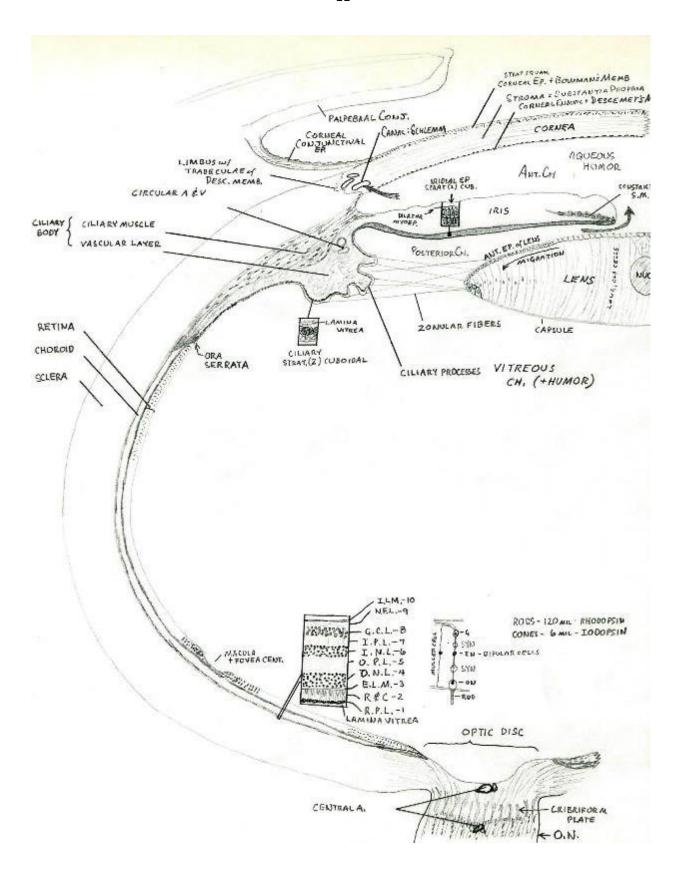


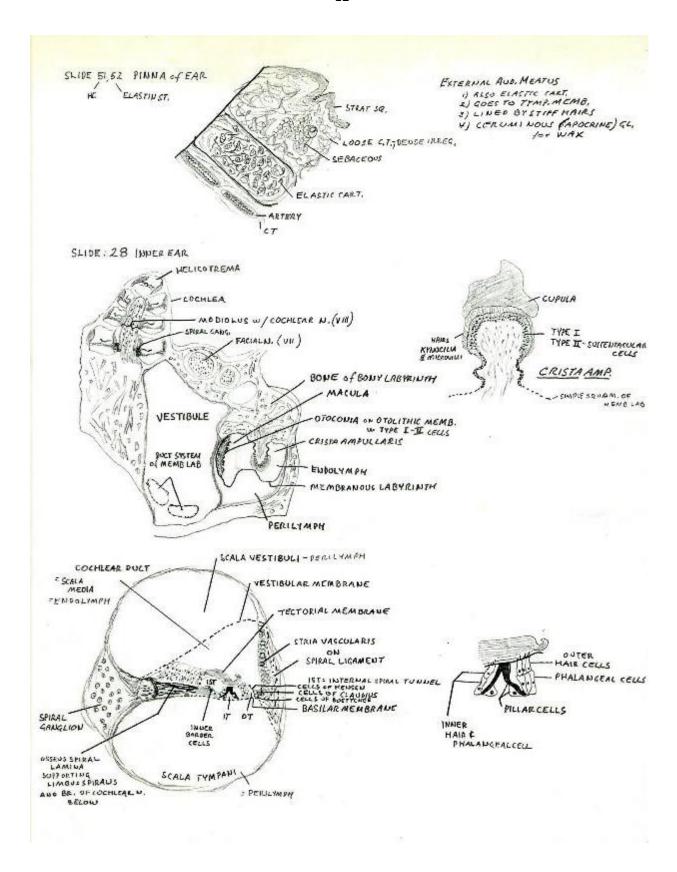


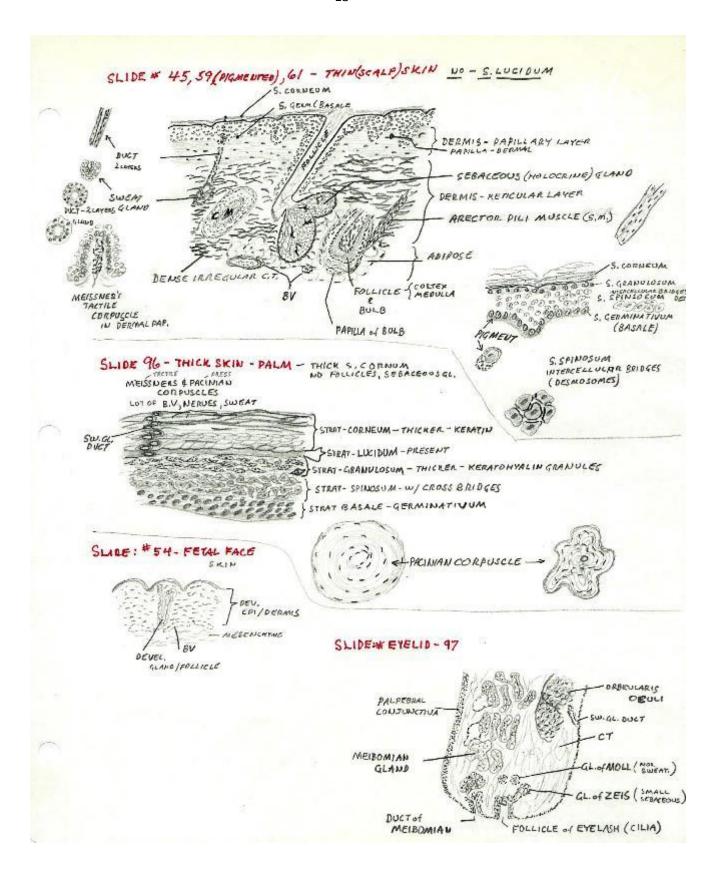


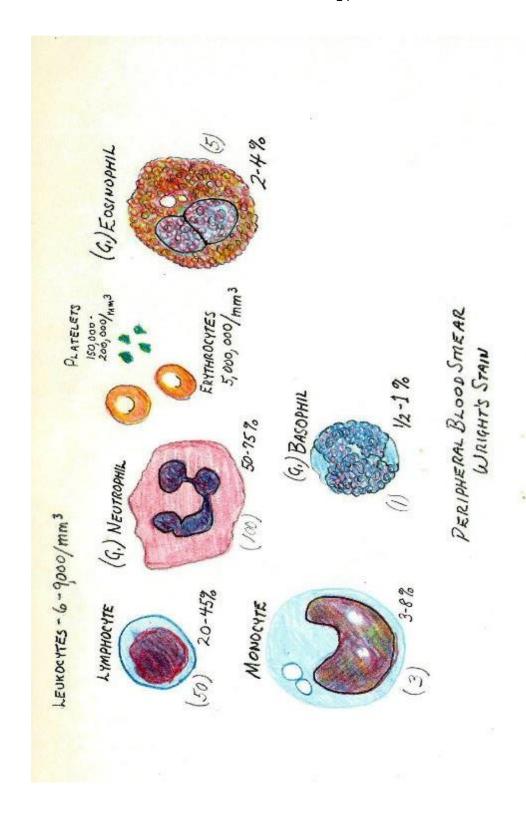


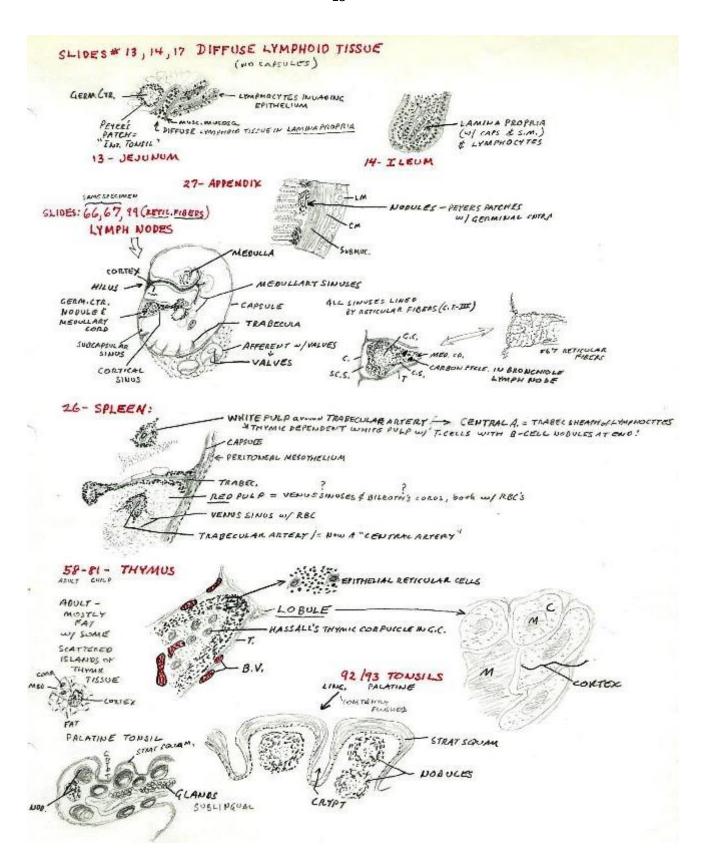


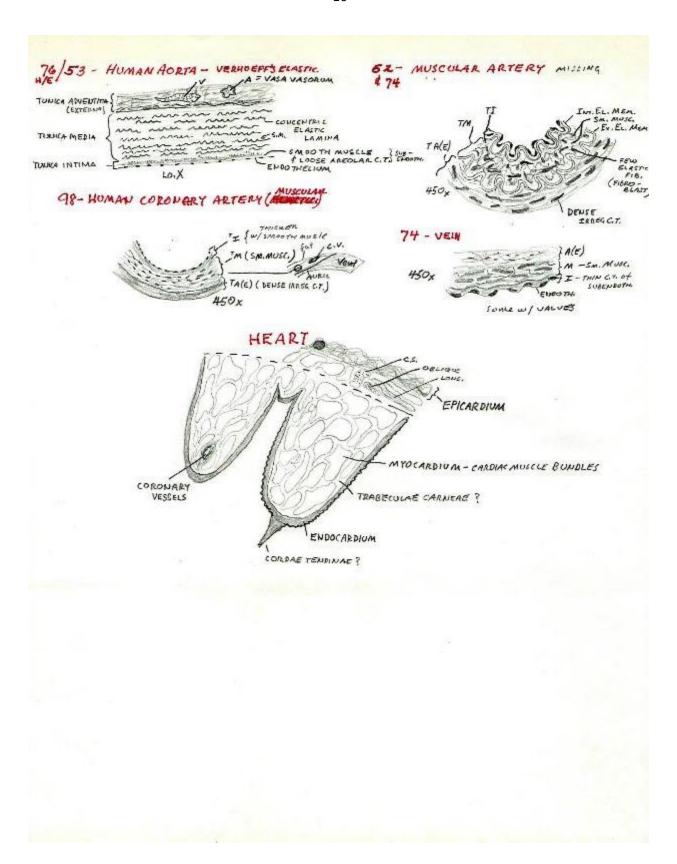


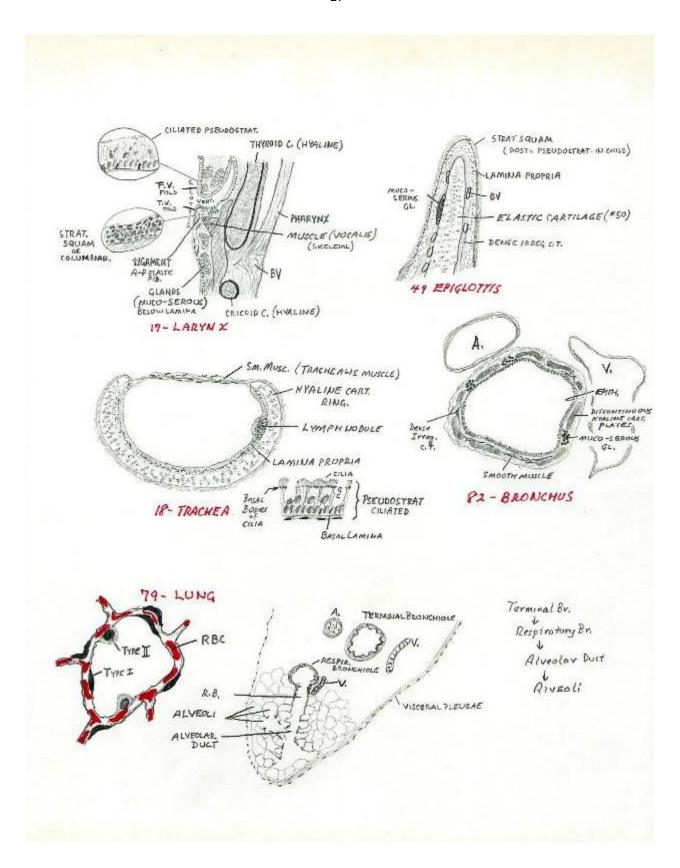


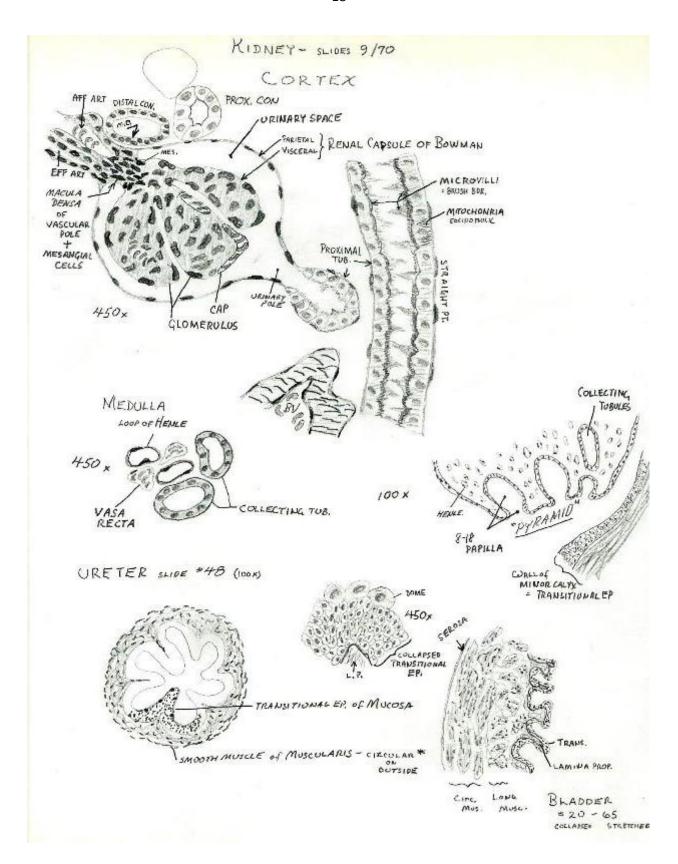


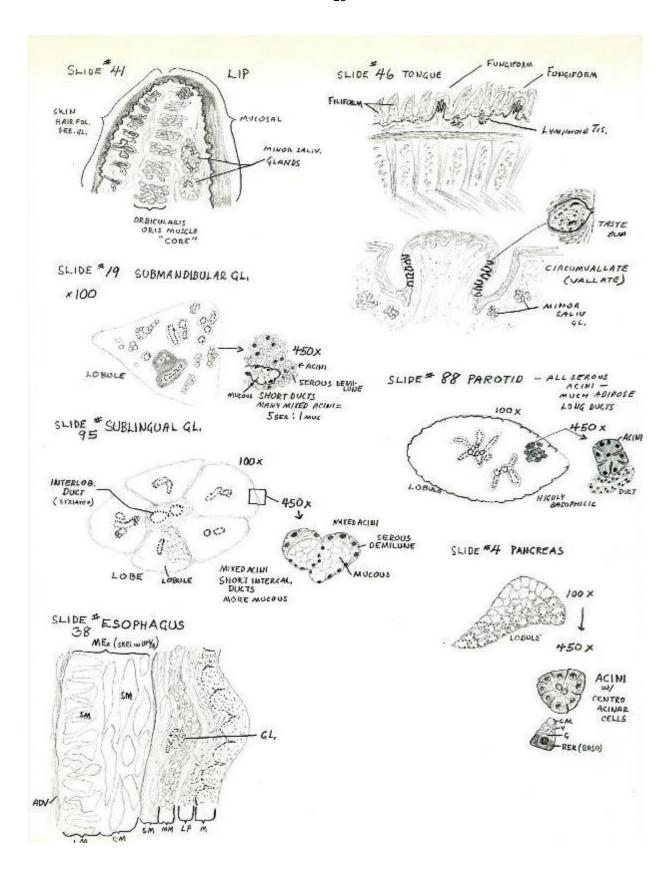


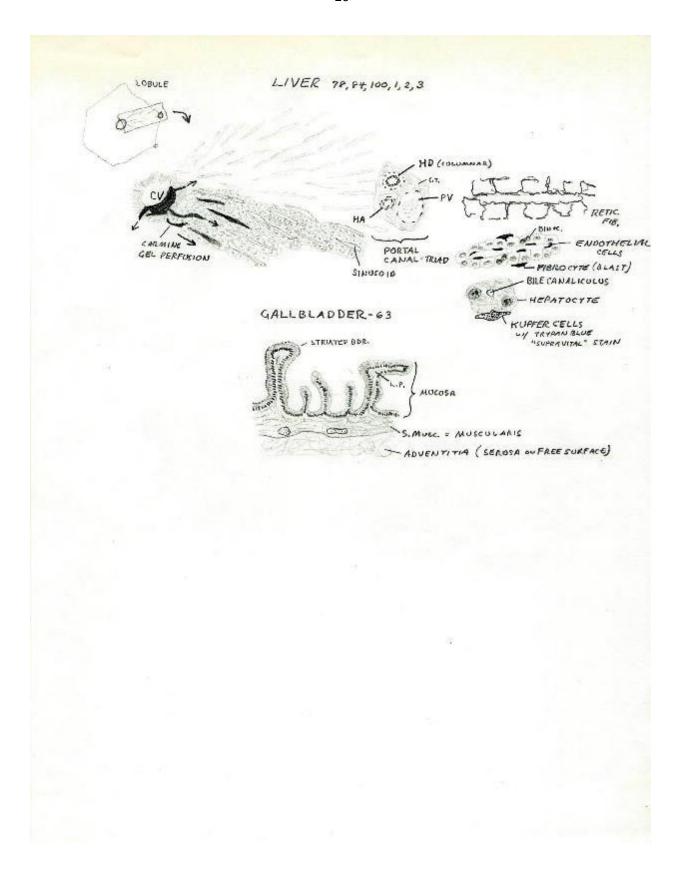


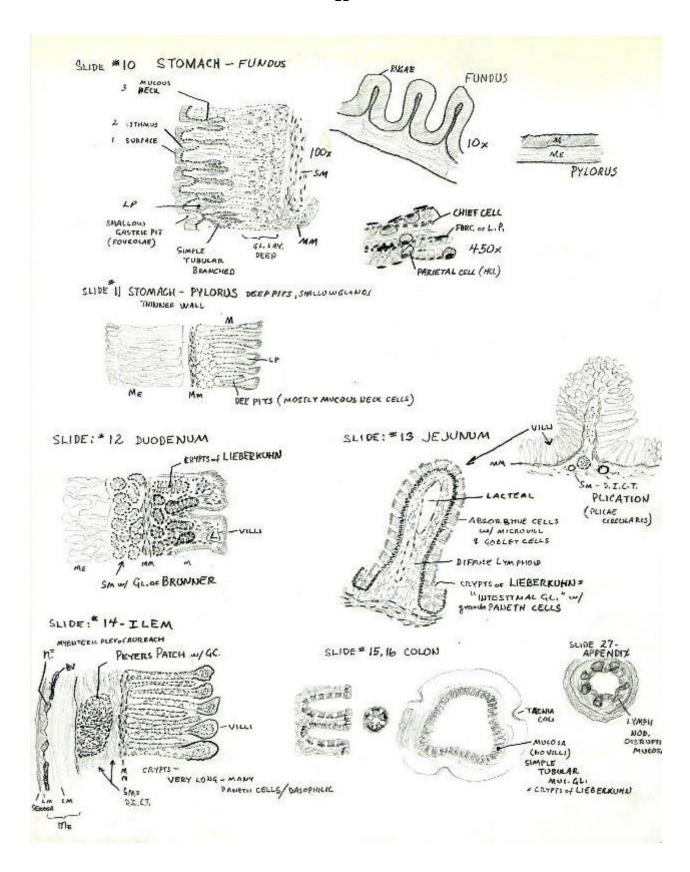


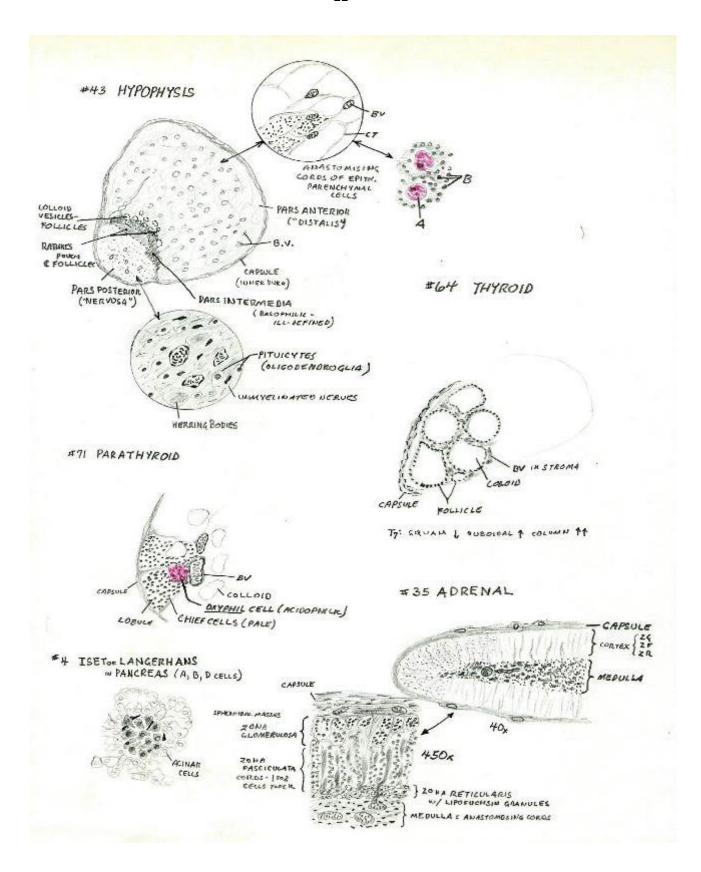


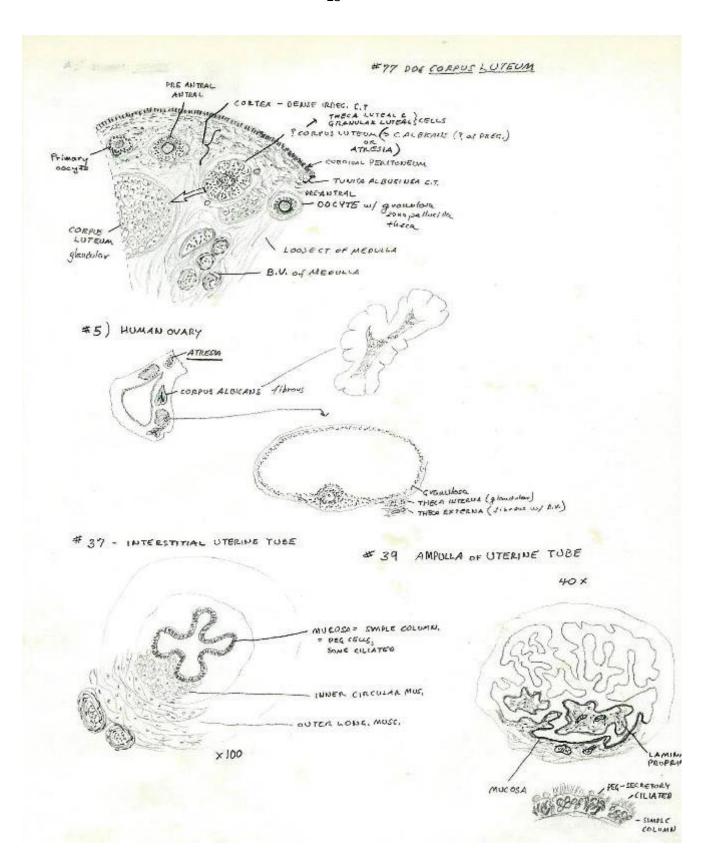


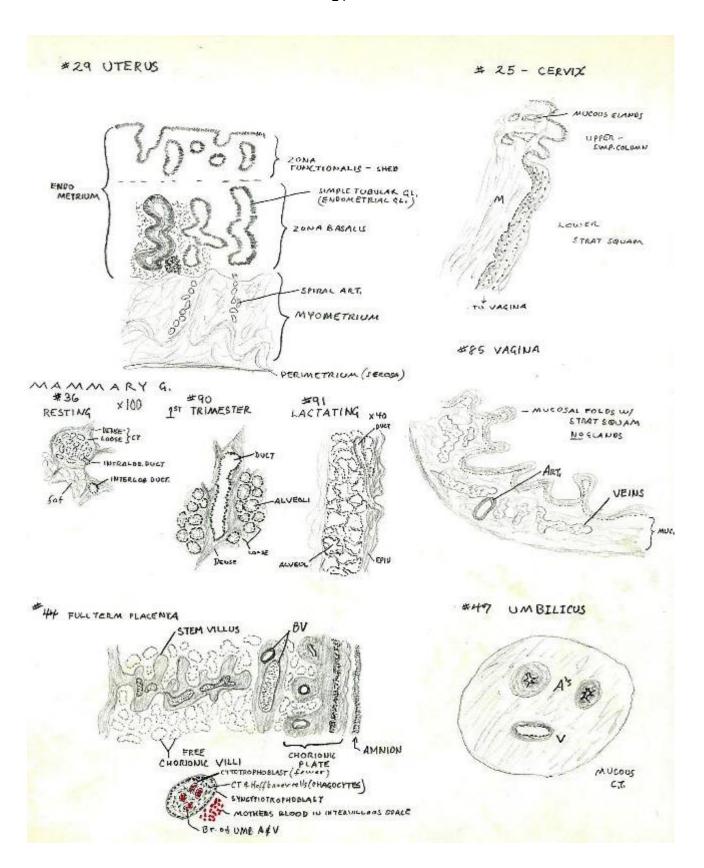


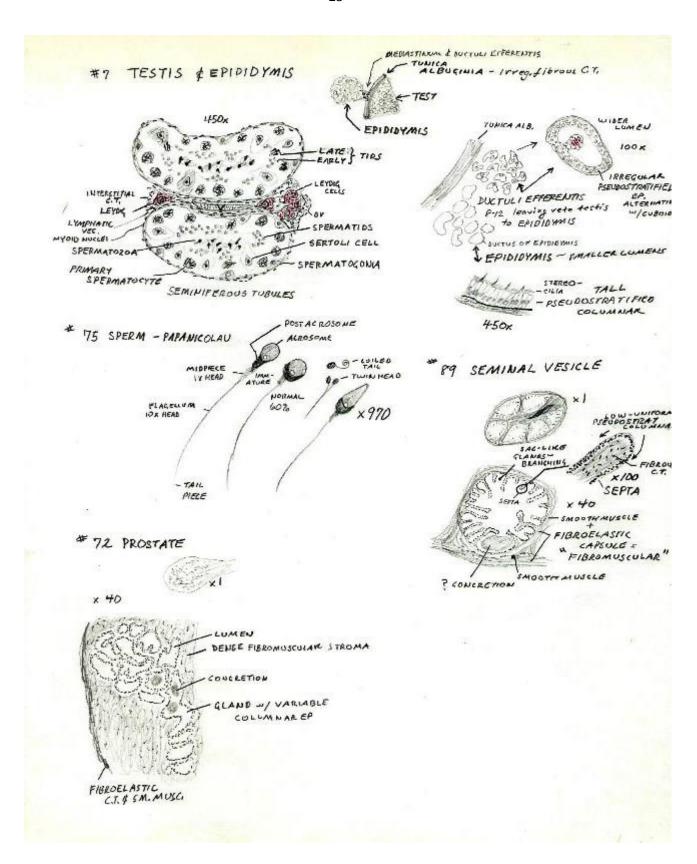




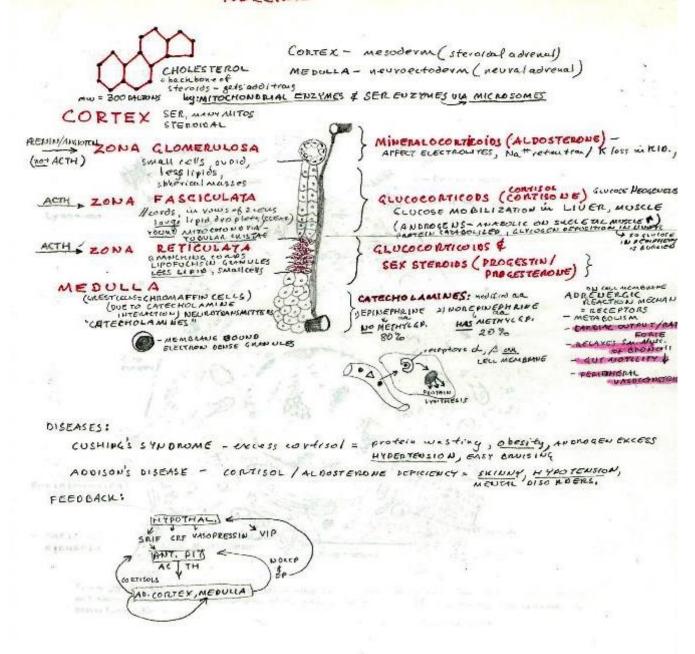








ADRENAL



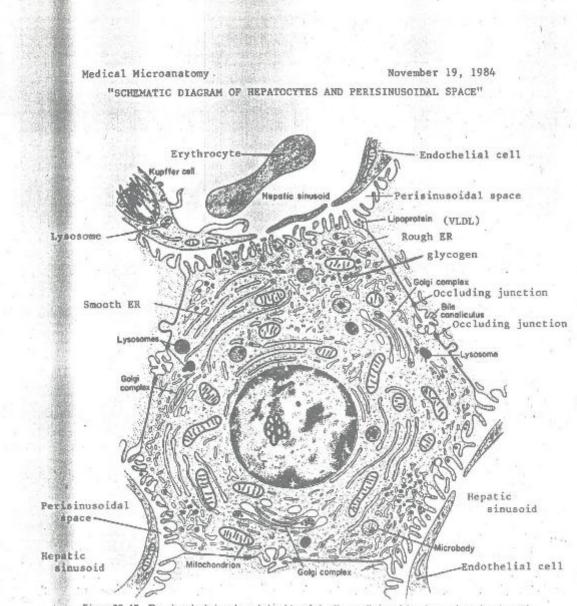
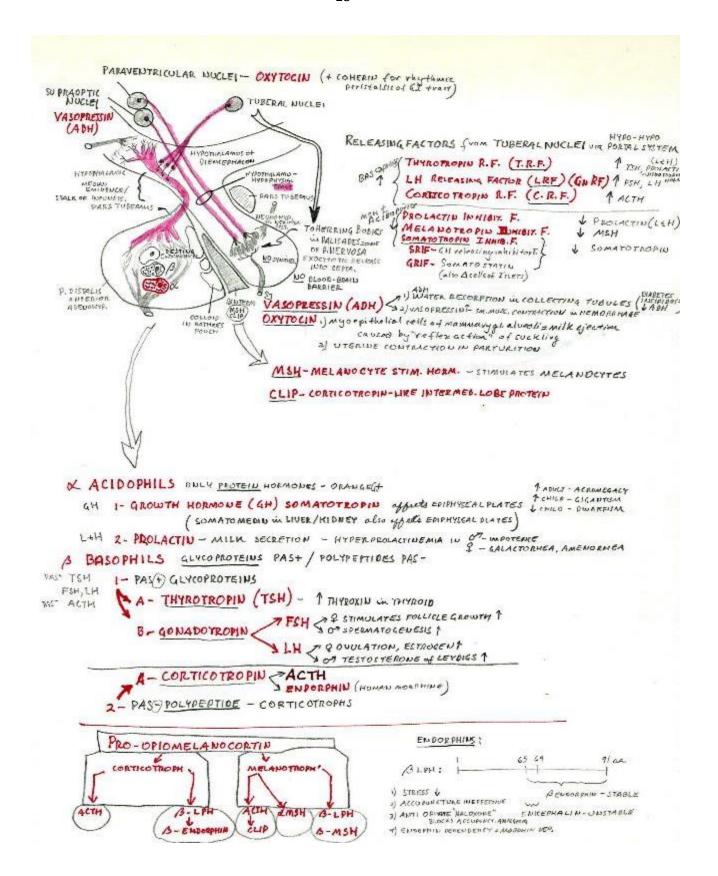


Figure 28-17 Drawing depicting the relationship of the liver cells to each other and to the sinusoids and showing the principal components of the hepatic cell as seen in electron micrographs. (Drawing by Sylvia Colard Keene.)

Modified from Bloom & Fawcett (1975)



PANCREATIC ISLETS OF LANGERHAUS 20-300 ym BLELLS (70%)-INSULIN-ANAGOLIC - COMPLEXED W/ ZINC - ANGULAR PROPRIED IN PARACHETALL INE CORE IN STAR (5800 AW) - GLUCOSE UTLIZATION IN MUSICEL FAT COLS HERS ACLYCOSEMENTS, - LIPOLENESU - DROMOTES CANCELLS, - LIPOLENESU - DROMOTES CANCELLS, - LIPOLENESU - DROMOTES CANCELLS (70%) GLUCOSE - LUCENT MALO ANDUNO E DEPSE COKE unions & d. CELL (20%) GLUCAGON -CATACOLIC - GLYCOGENOLYSIS, - GLUCOUED CONCESTS, mw 3500 LI PINS electron dense granules is moderate, honogeneous, A CELLS (5%)-SOMATOSTATIN larger - 14 as (1600 mm) - TUHIBITE DELEASE & BLUCASON & MASTER LANGUE (ALSO SECRETED IN MASTER ALANGE DEURONS (INC. SRIF) F (PP) CELLS (? %, 5 VARIETICS) SMAIL, PRINCEPARTE polypeptides, INHIEIT ACIDAR CELL SCORETIONS INSULIN DEFICIENCY = 1 GLUCOSE = DIABETES: 1) GLUCOSE UTILIZATION OF IN PERIPHENAL TISSUES 21 GLUCODEO SED ESIS A - more chance 3) LIDOLYSIS D HEPATOCYTES ACTIVITY 1 = 1) GLYCOGENOLYSIS @ 2) GLUCONEOGENESIS A

