

INDEX

Serial No.	Topics	Signature of Staff	Page No.
I	Interpretation of Histologic Sections		1
II	Epithelial tissue		
E 1	Simple Squamous Epithelium		2
E 2	Simple Cuboidal Epithelium		3
E 3	Simple Columnar Epithelium		4
E 4	Pseudostratified Ciliated Columnar Epithelium		5
E 5	Stratified Cuboidal Epithelium		6
E 6	Stratified Squamous Keratinized Epithelium		7
E 7	Stratified Squamous Non-keratinized Epithelium		8
E 8	Transitional Epithelium		9
III	Connective Tissue		
CT1	Individual Cells of Connective Tissue		10-11
CT2	Loose Areolar Connective Tissue		12
CT3	Dense Connective Tissue		13
CT4	Adipose Tissue		14
CT5	Tendon		15
IV	Cartilage		
C1	Hyaline Cartilage		16
C2	Elastic Cartilage		17
C3	Fibrous Cartilage		18
V	Bone		
B1	Compact Bone (C.S)		19
B2	Compact Bone (L.S.)		20
B3	Compact Bone (Decalcified)		21
B4	Cancellous Bone		22
B5	Bone Marrow		23

VI	Blood		
BL1	Individual cells of blood		24-26
VII	Muscle Tissue		
M1	Striated Muscle		27
M2	Smooth Muscle		28
M2	Cardiac Muscle		29
VIII	Nervous Tissue		
N1	Neuron		30
N2	Nerve (Transverse Section)		31
IX	Circulatory System		
CS1	Elastic Artery		32
CS2	Muscular Artery		33
CS3	Arterioles		34
CS4	Vein		35
X	Lymphoid System		
LS1	Palatine Tonsil		36
LS2	Lymph Node		37
LS3	Thymus		38
LS4	Spleen		39
XI	Integument		
I1	Skin		40
XII	Digestive system		
DS1	Esophagus		41
DS2	Stomach		42
DS3	Duodenum (small intestine)		43
DS4	Jejunum (small intestine)		44
DS5	Ilium (small intestine)		45

DS6	Colon (large intestine)		46
DS7	Appendix		47
DS8	Liver		48
DS9	Pancreas		49
XIII	Respiratory system		
RS1	Trachea		50
RS2	Lung		51
XIV	Endocrinal system		
ES1	Adrenal Gland		52
ES2	Thyroid Gland		53
XV	Urinary System		
US1	Kidney		54

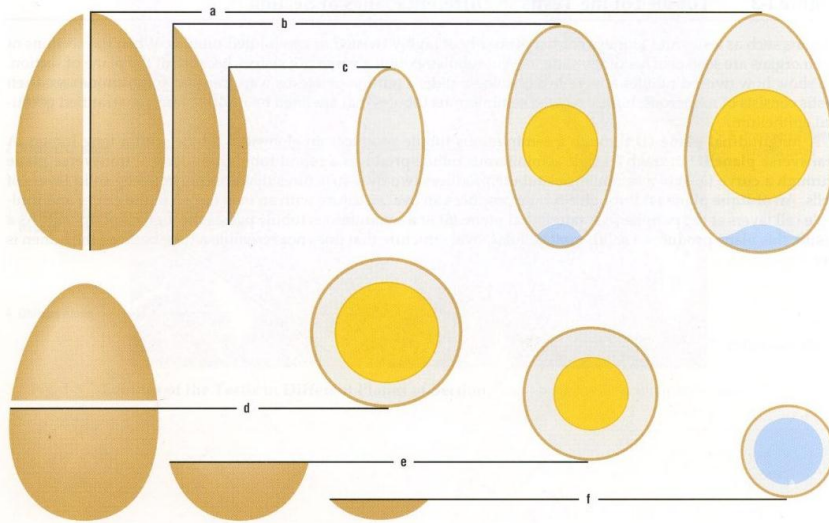
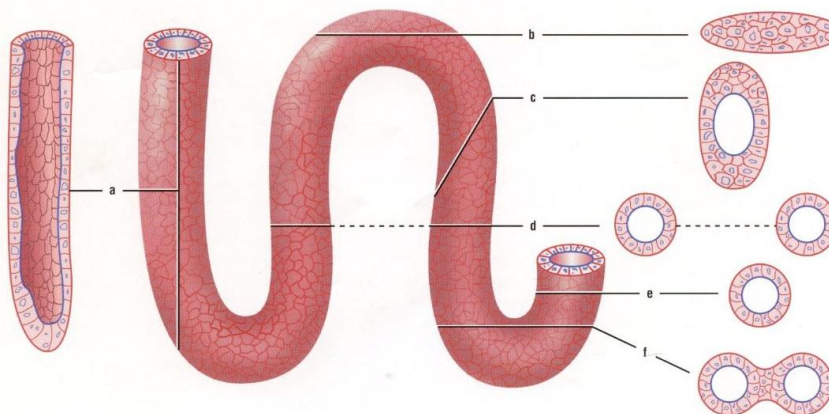
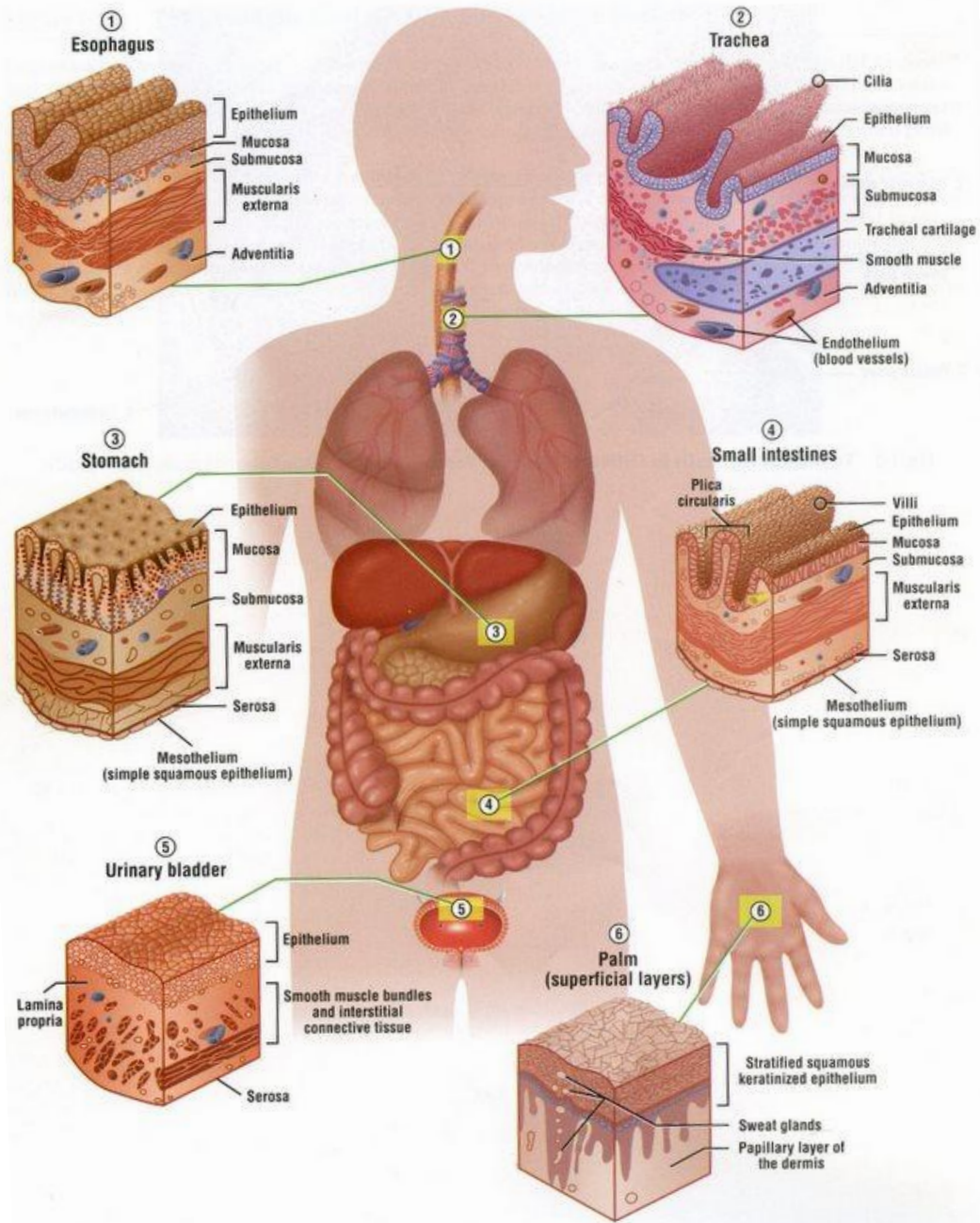


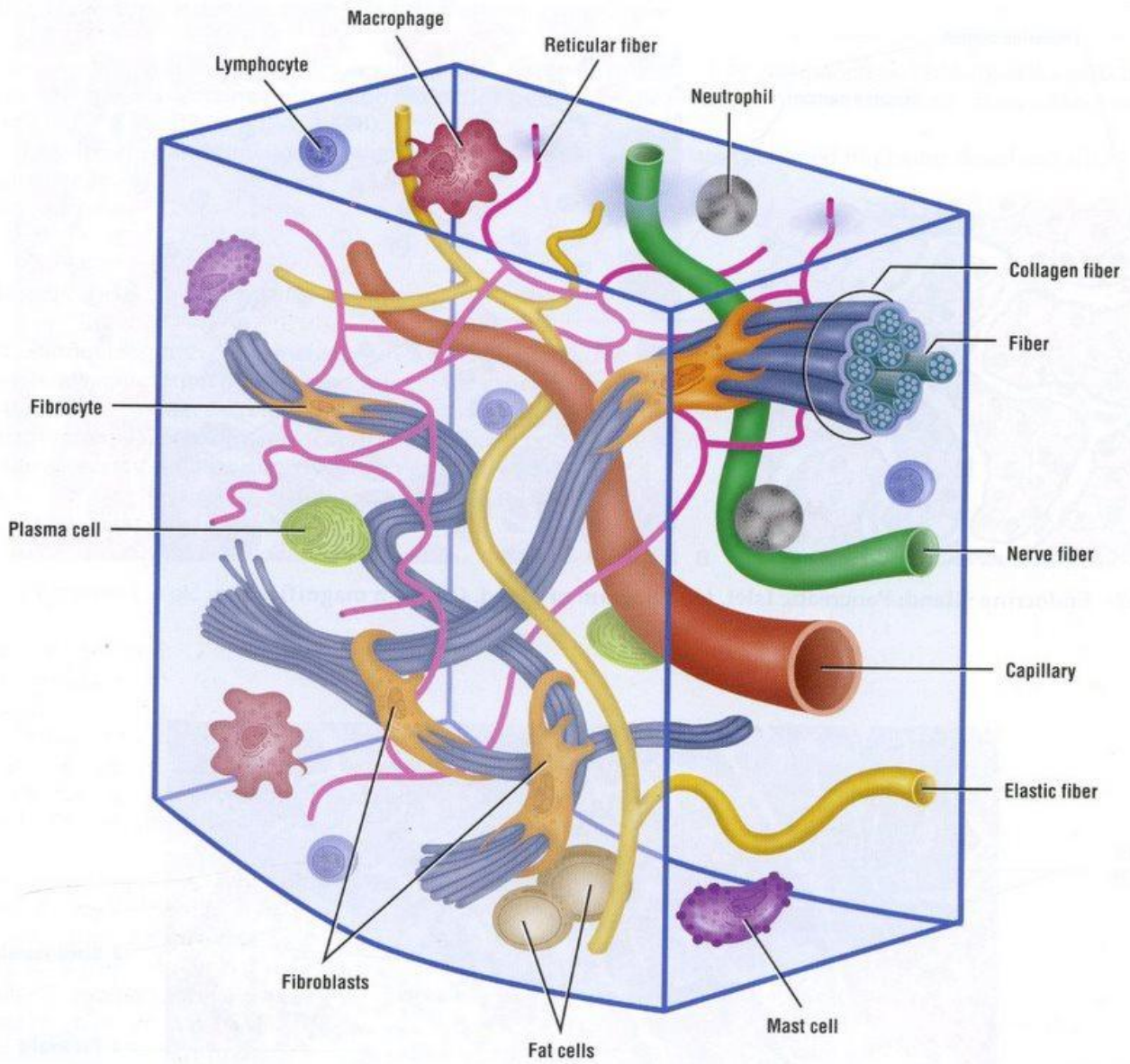
Fig. I-1 Planes of Section of a Round Object.



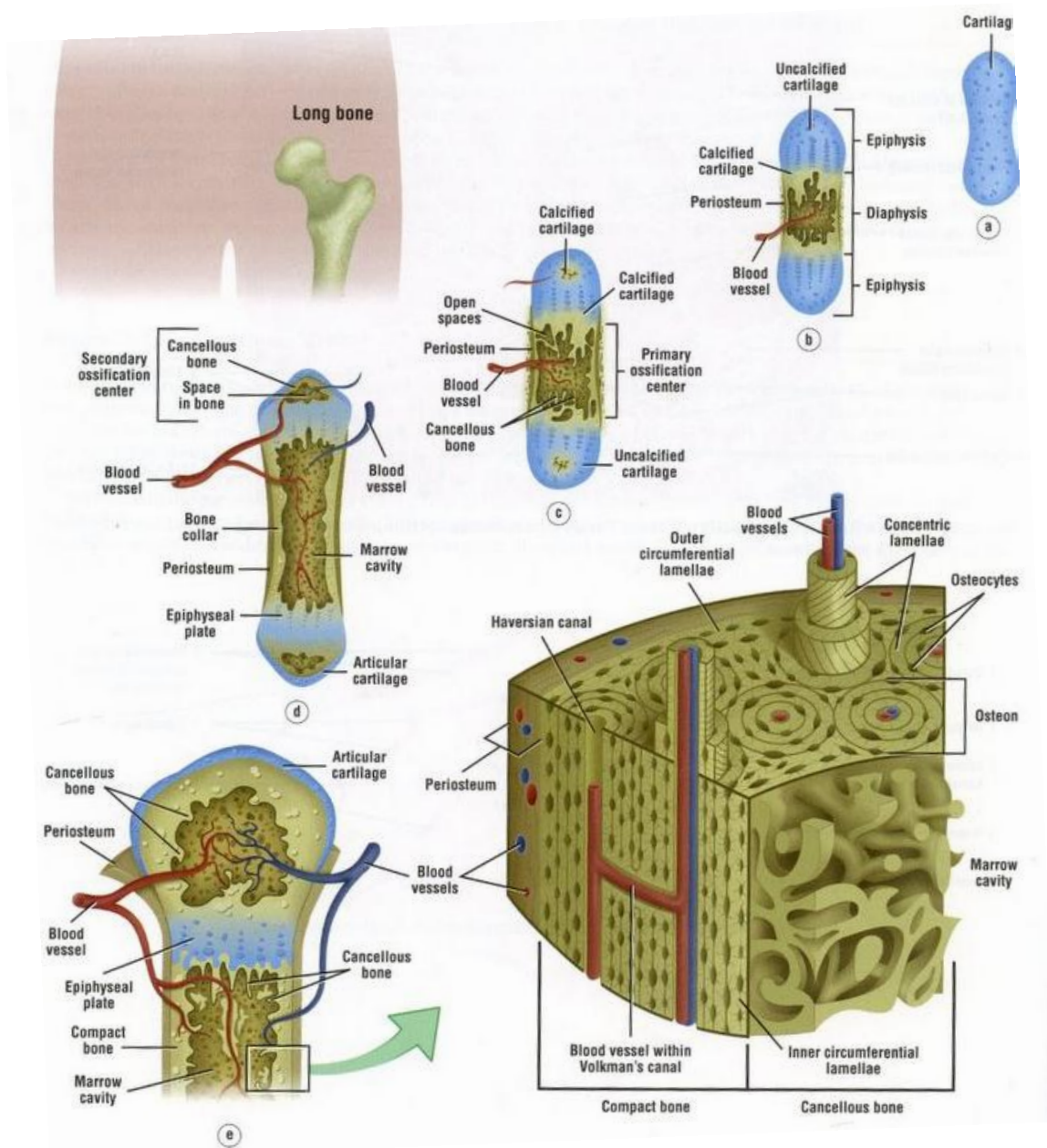
I. INTERPRETATION OF HISTOLOGIC SECTIONS



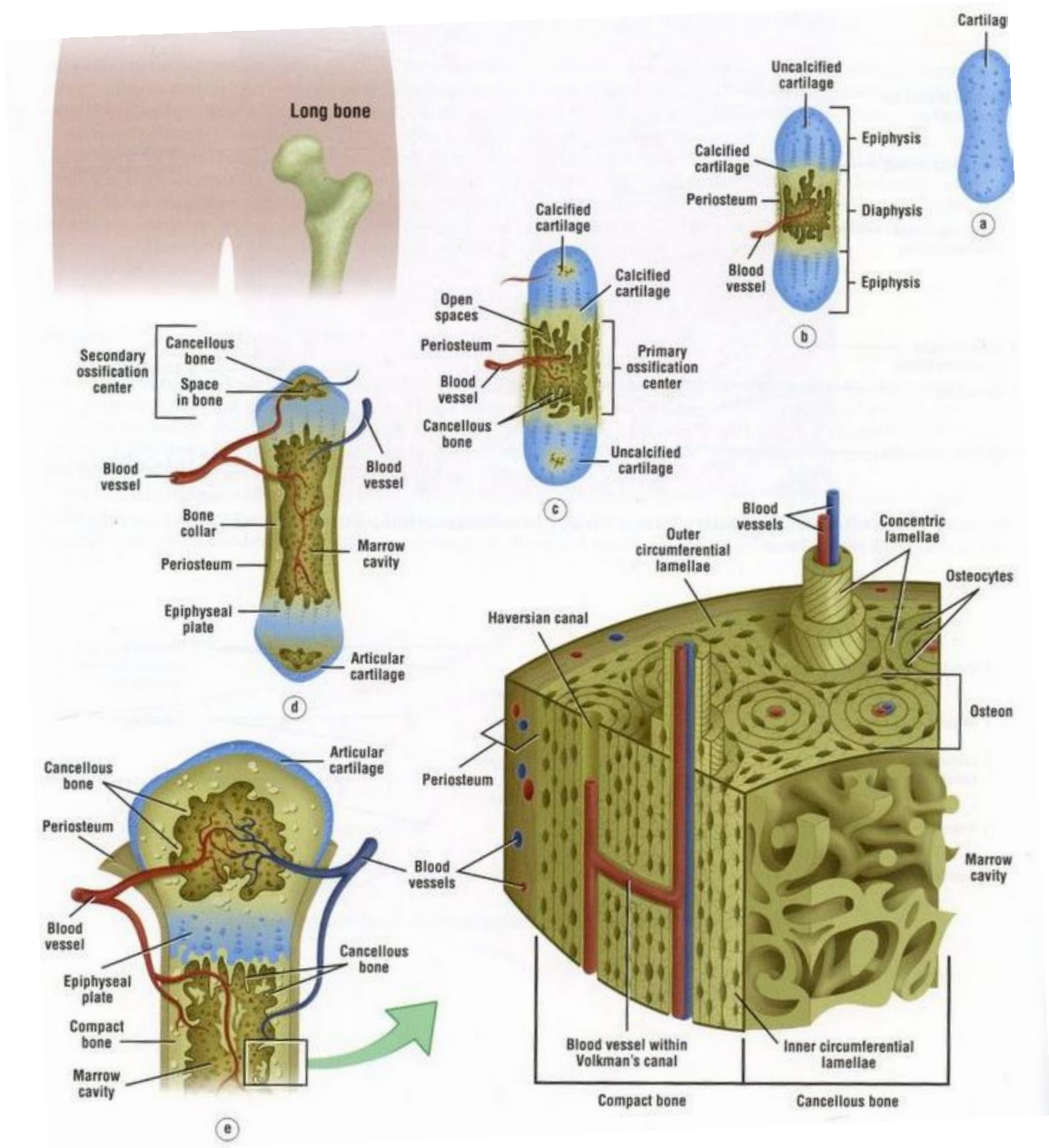
II. EPITHELIAL TISSUE



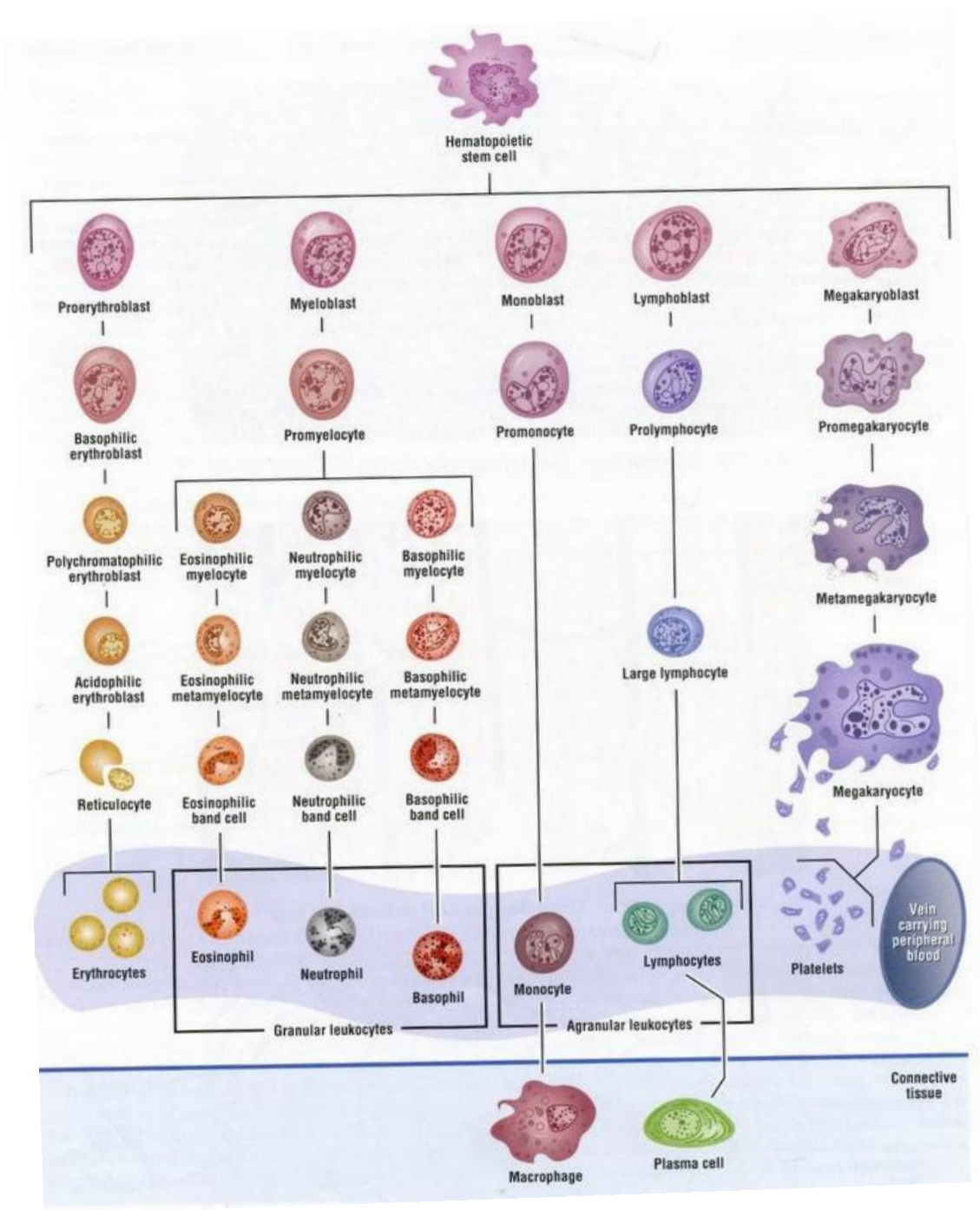
III. CONNECTIVE TISSUE



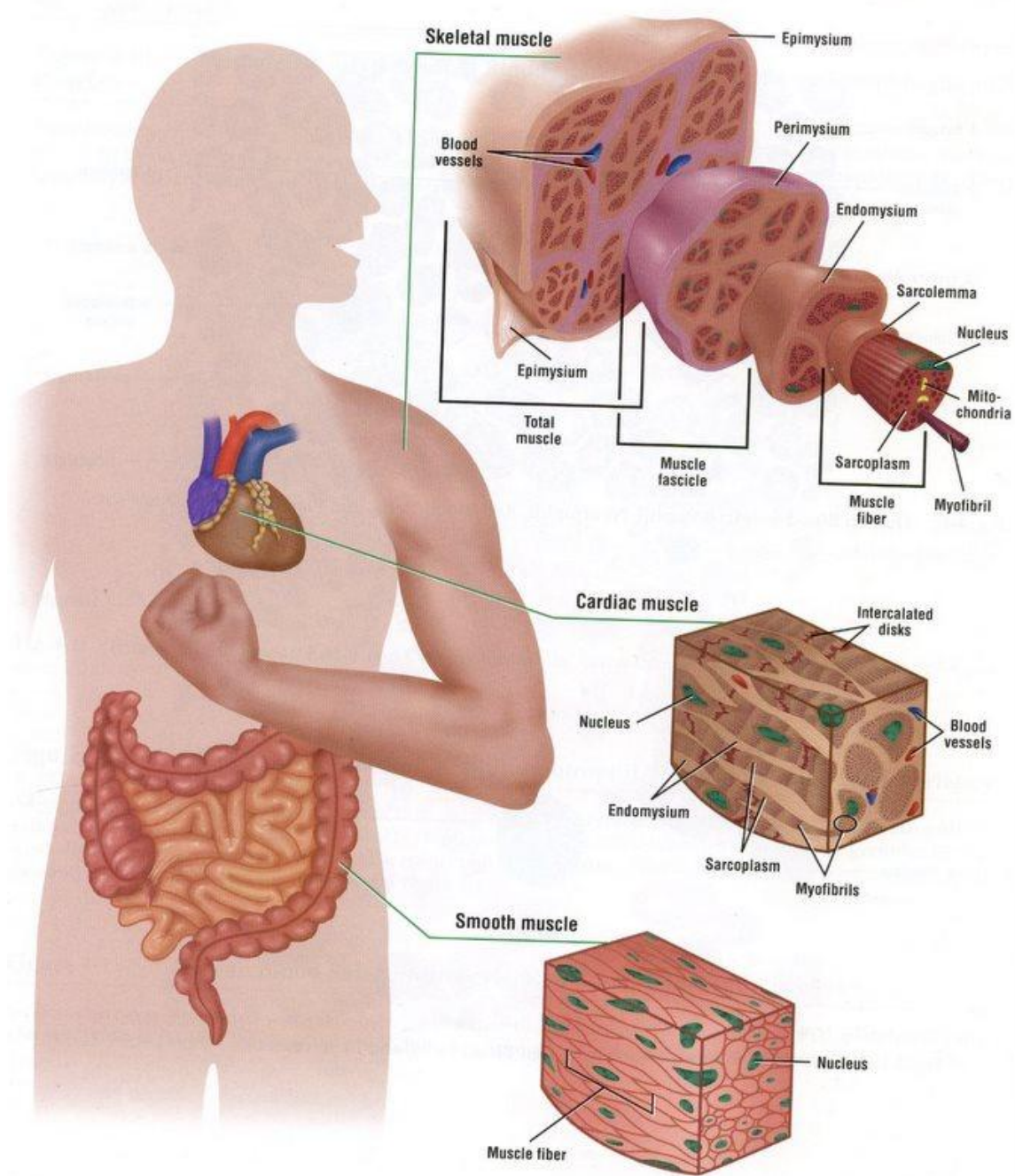
IV. CARTILAGE



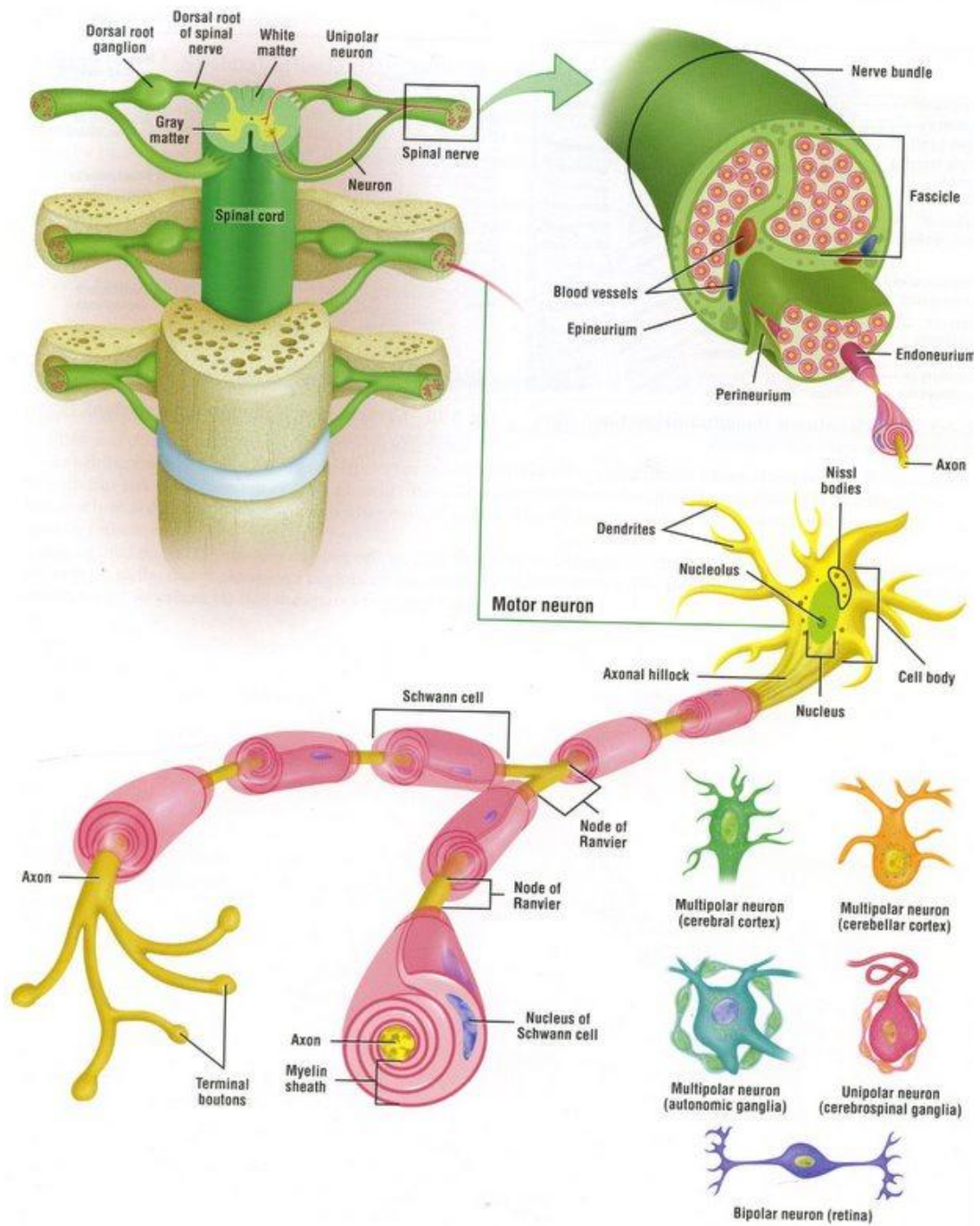
V. BONE



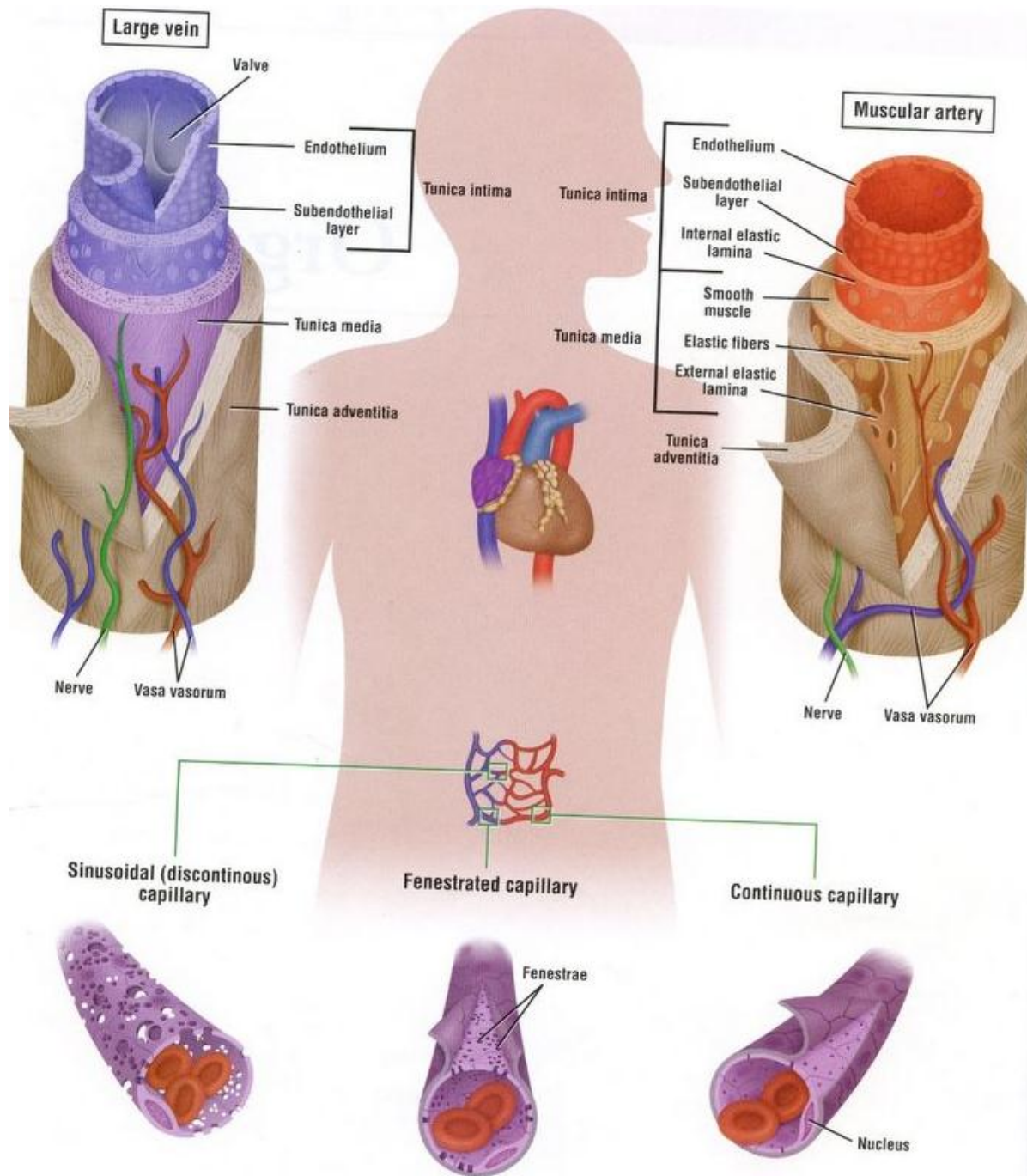
VI. BLOOD



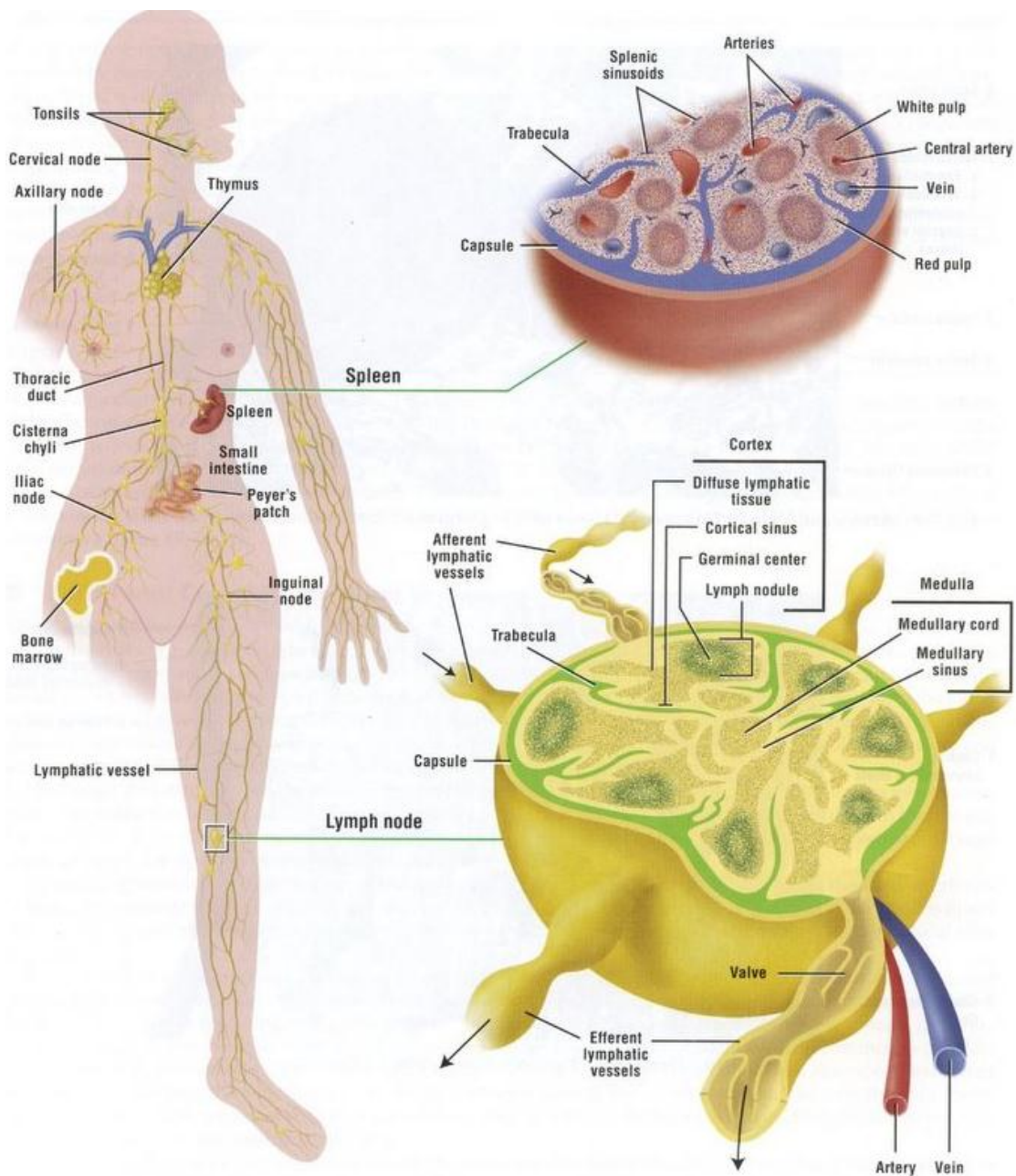
VII. MUSCLE TISSUE



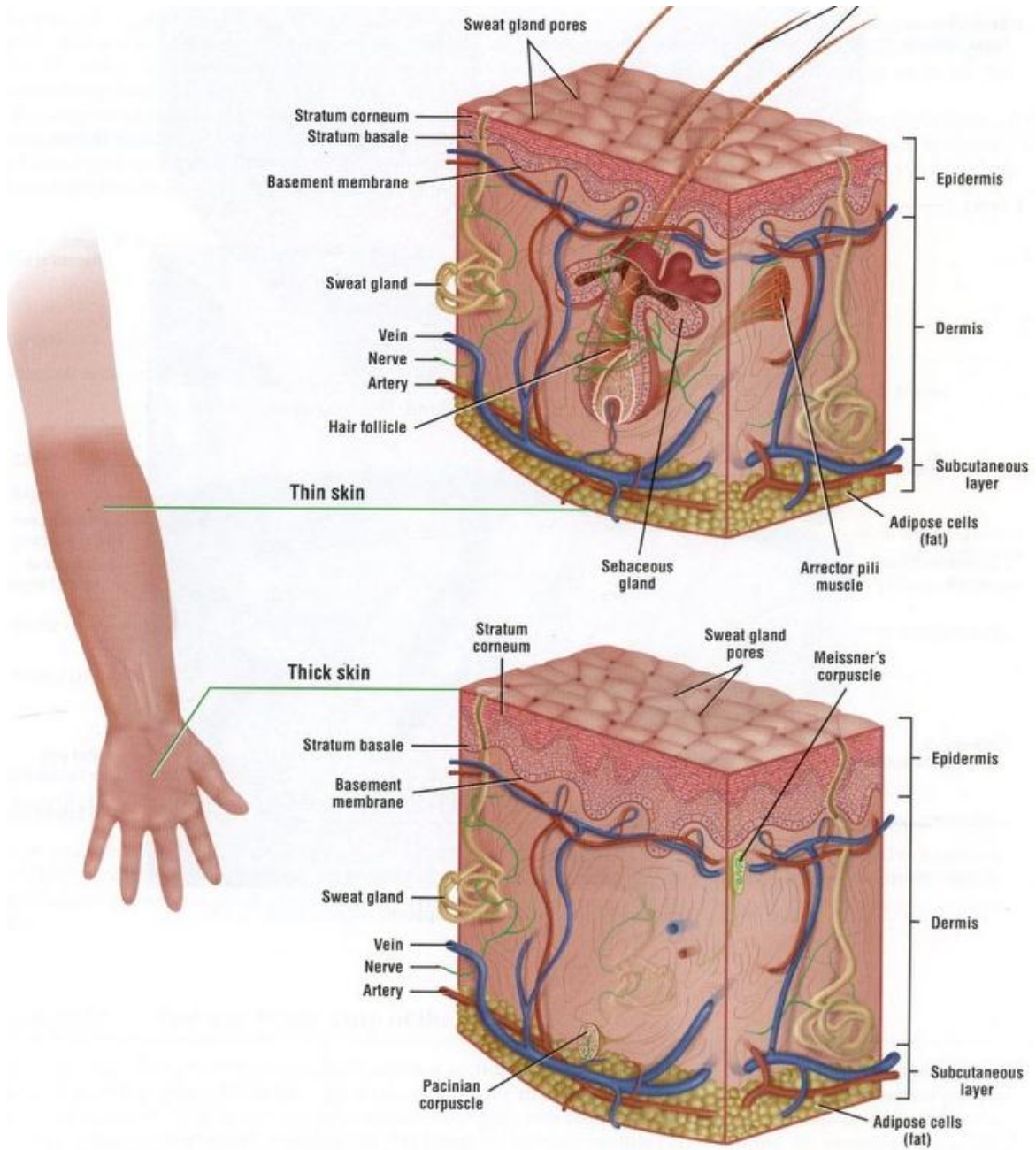
VIII. NERVOUS TISSUE



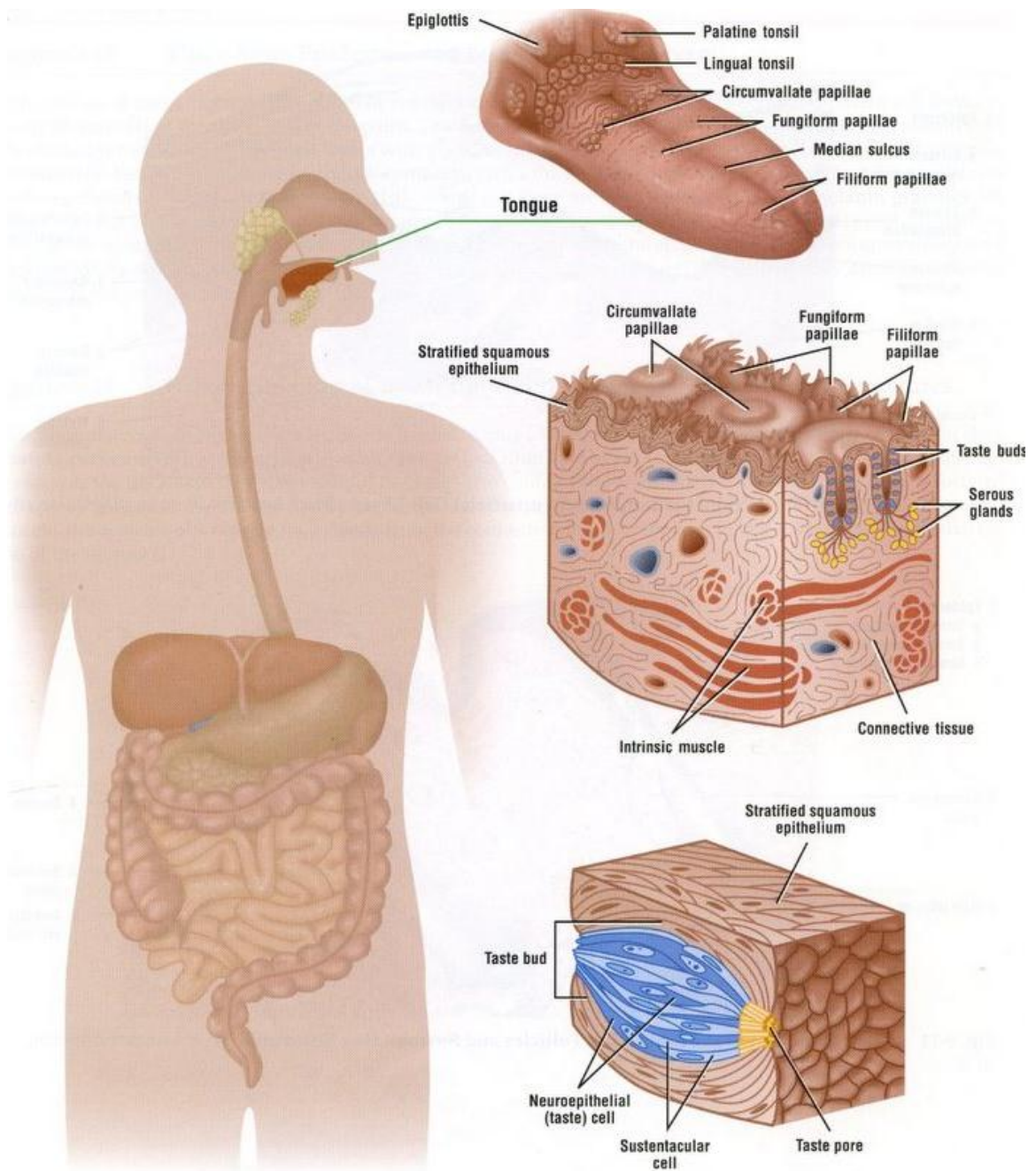
IX. CIRCULATORY SYSTEM



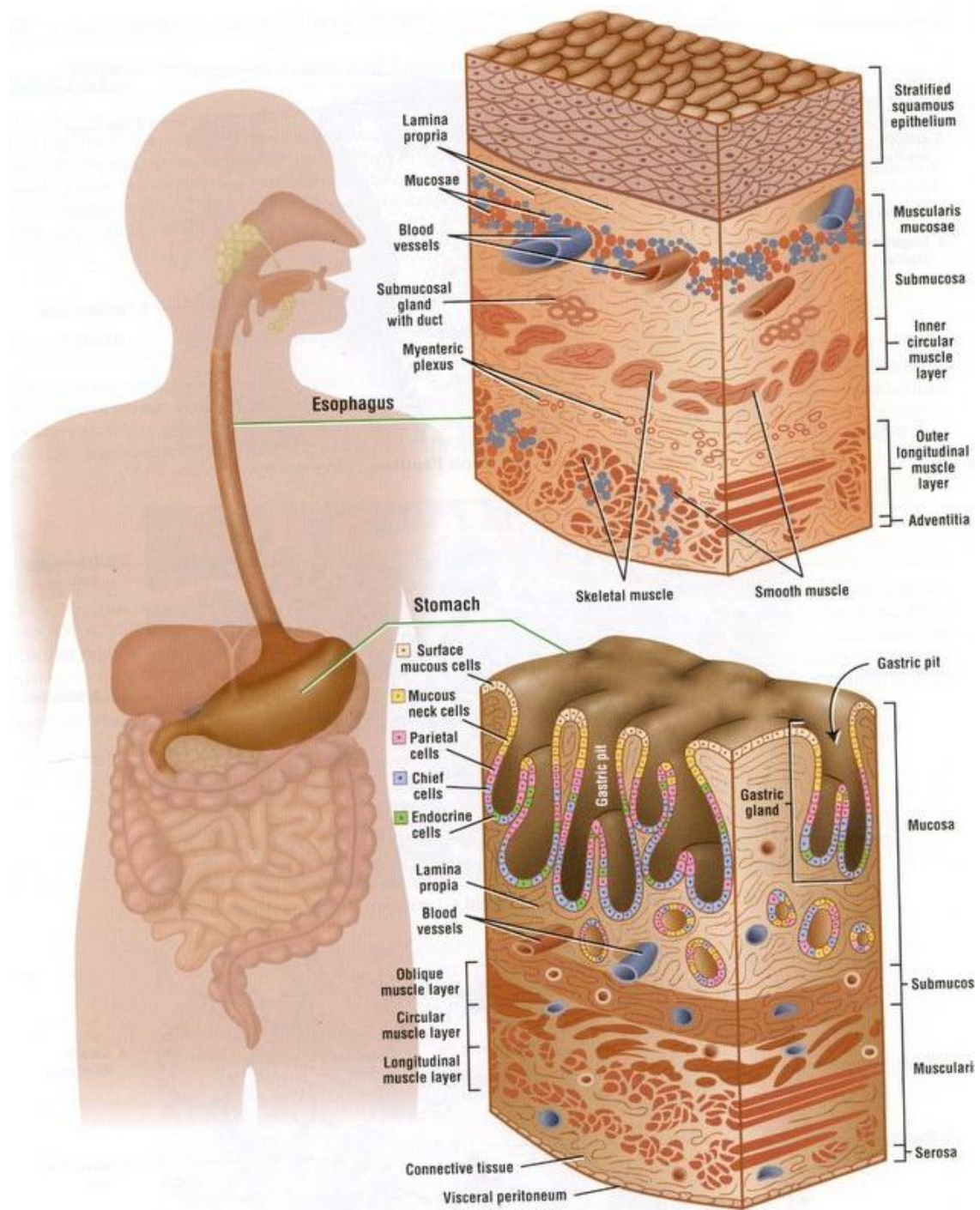
X. LYMPHOID SYSTEM



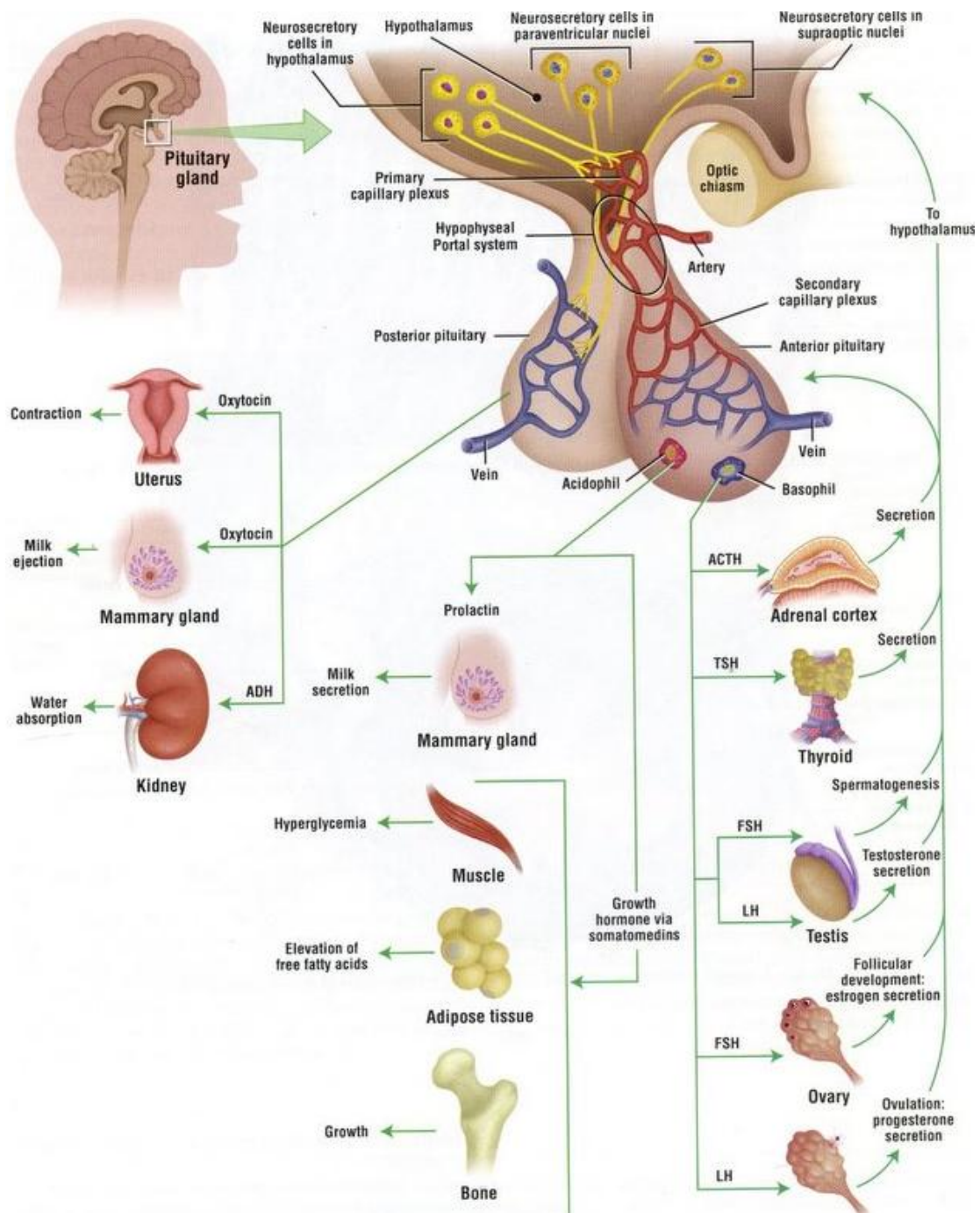
XI. INTEGUMENT



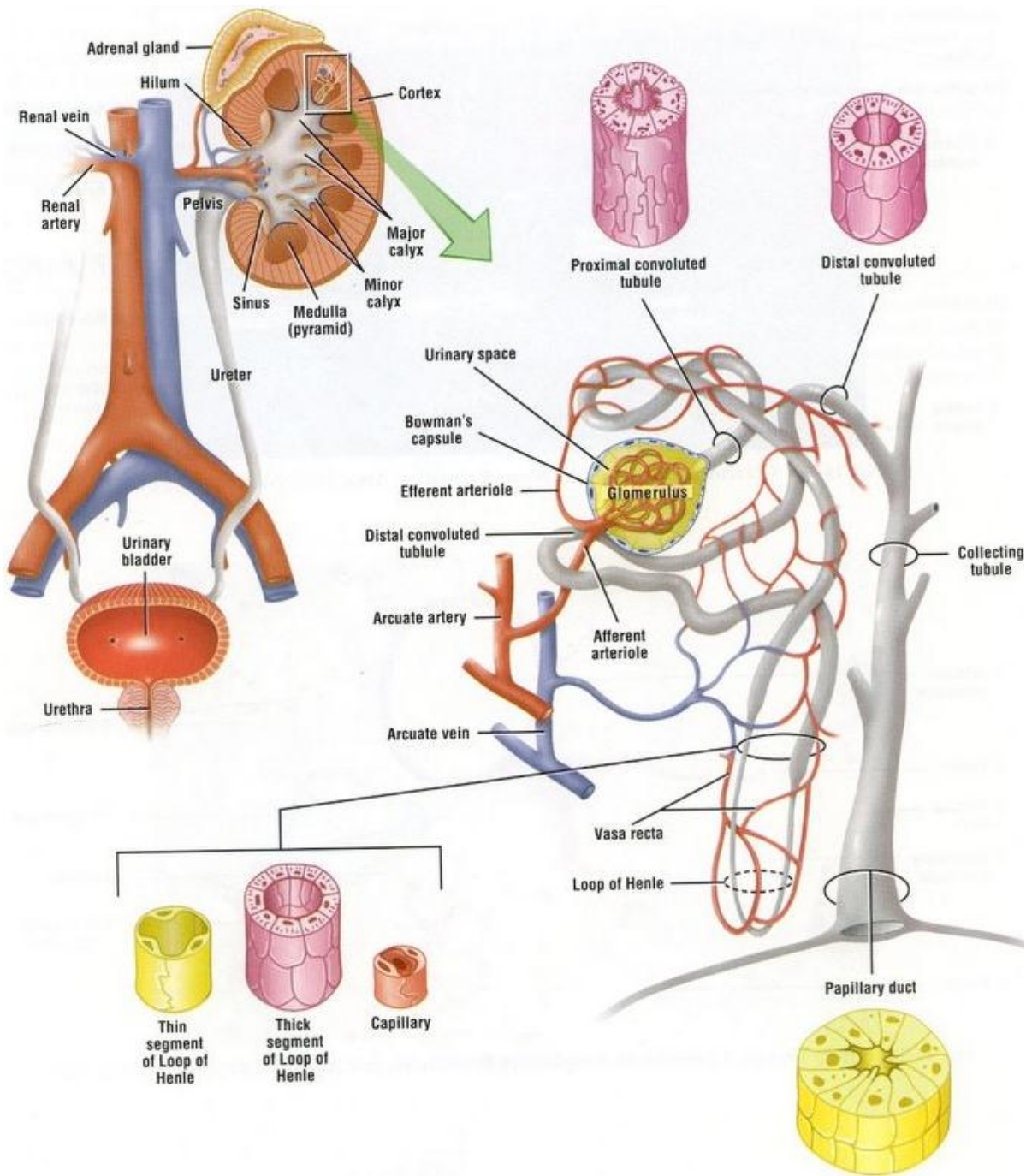
XII. DIGESTIVE SYSTEM



XIII. RESPIRATORY SYSTEM



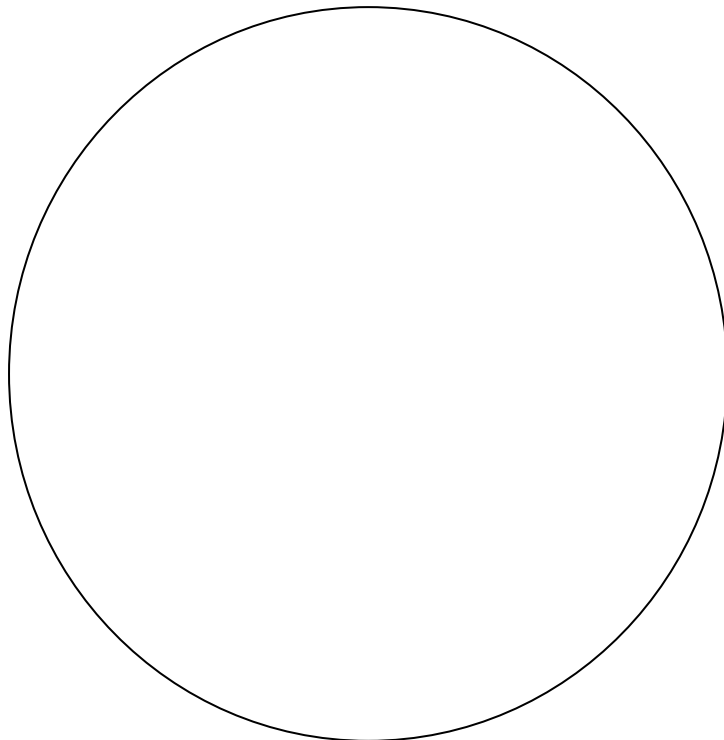
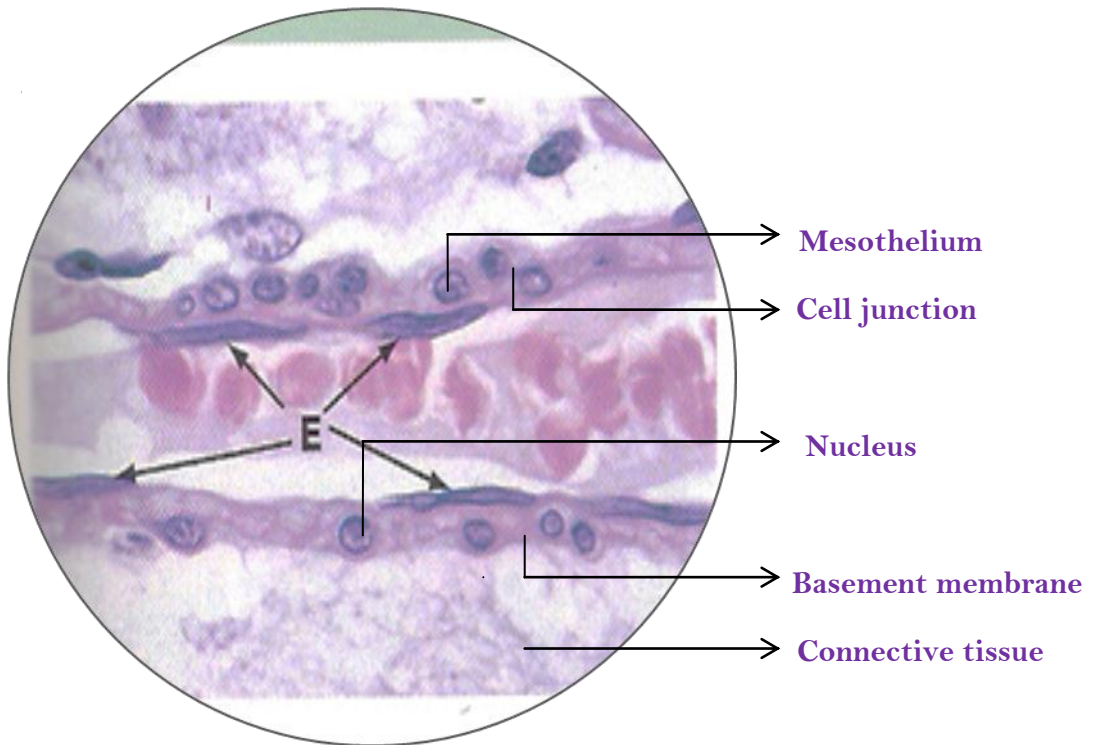
XIV.ENDOCRINAL SYSTEM



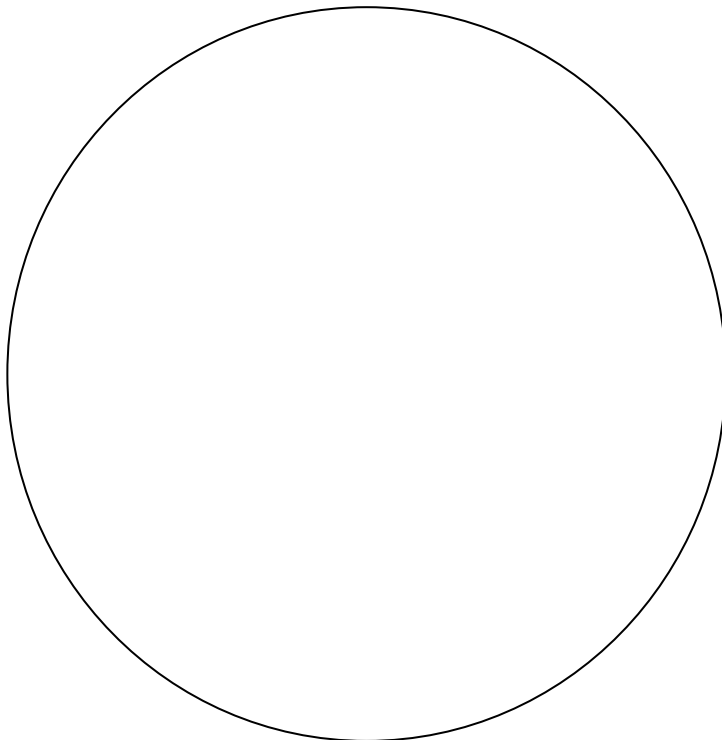
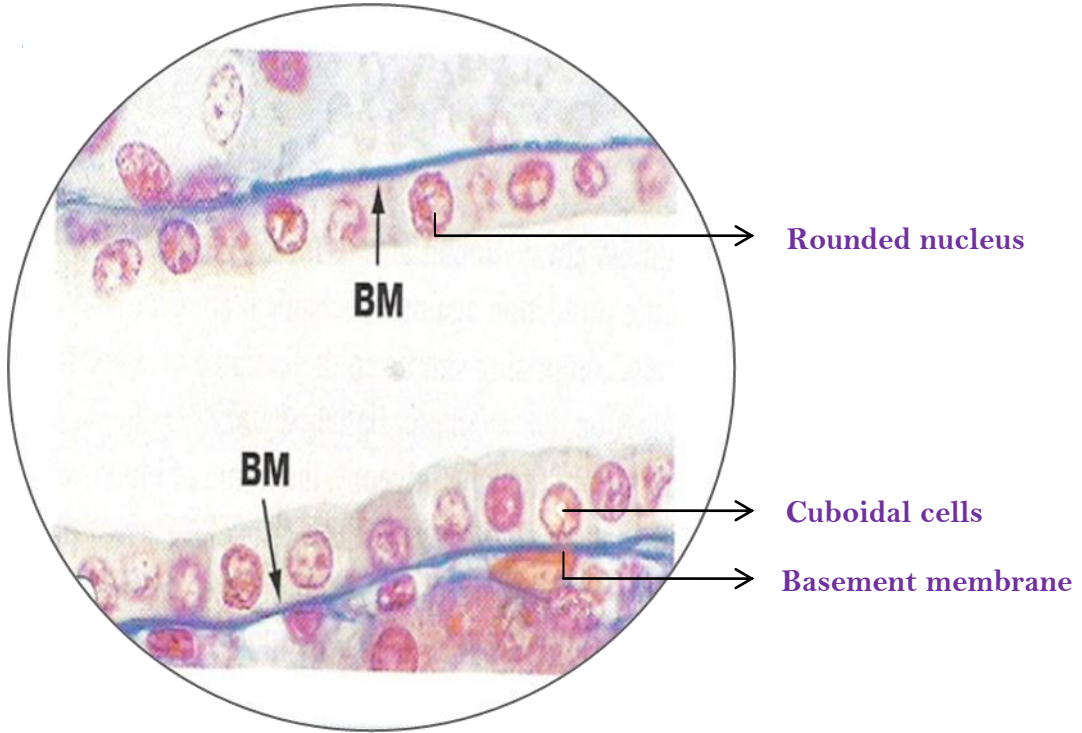
XV. URINARY SYSTEM

IN1. Interpretation of Histologic Sections

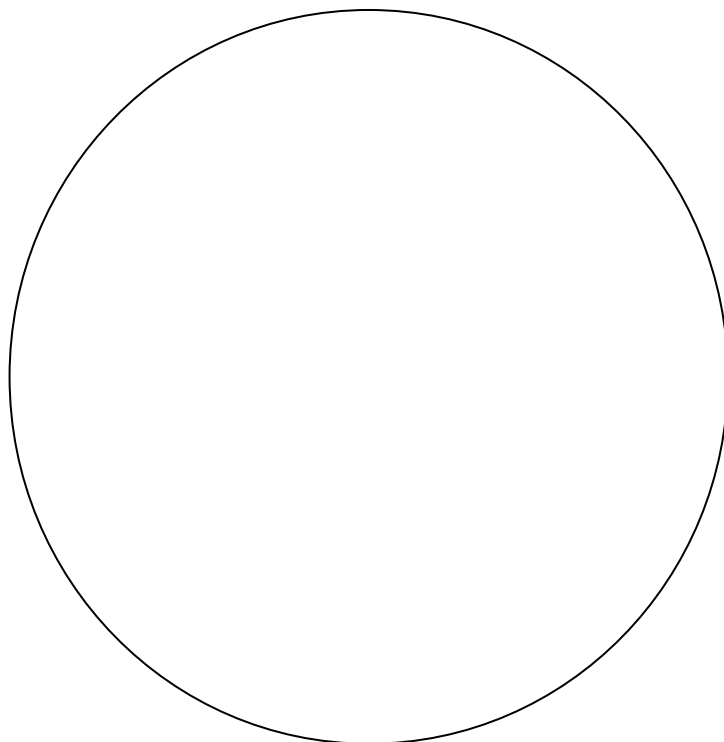
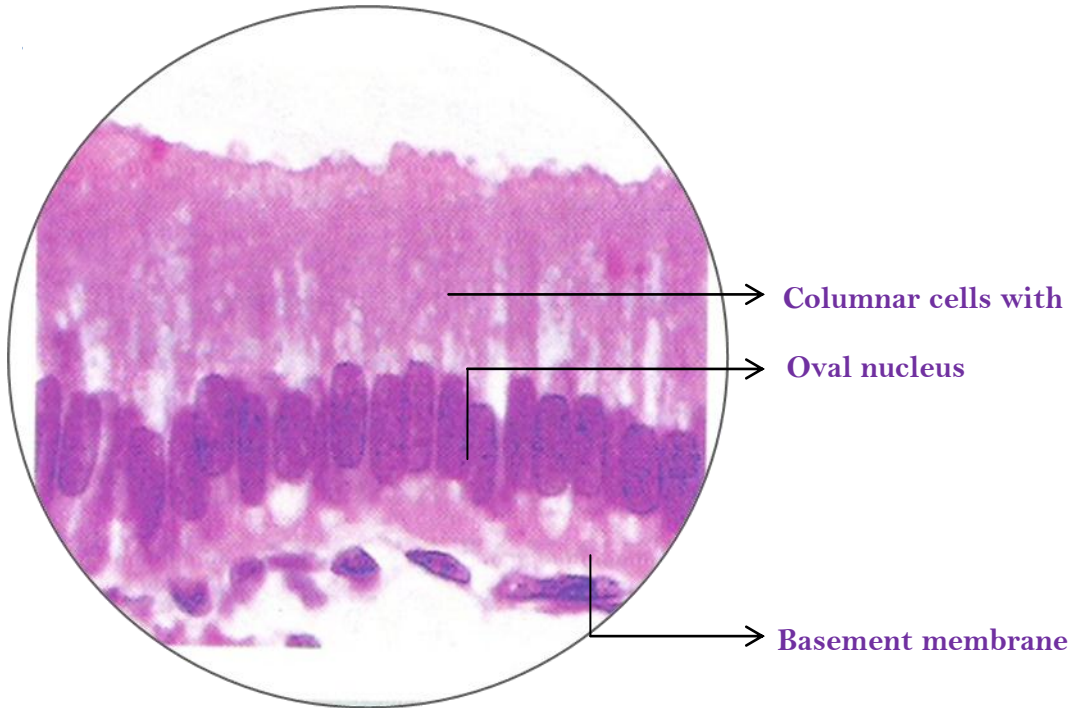
E1. Simple Squamous Epithelium



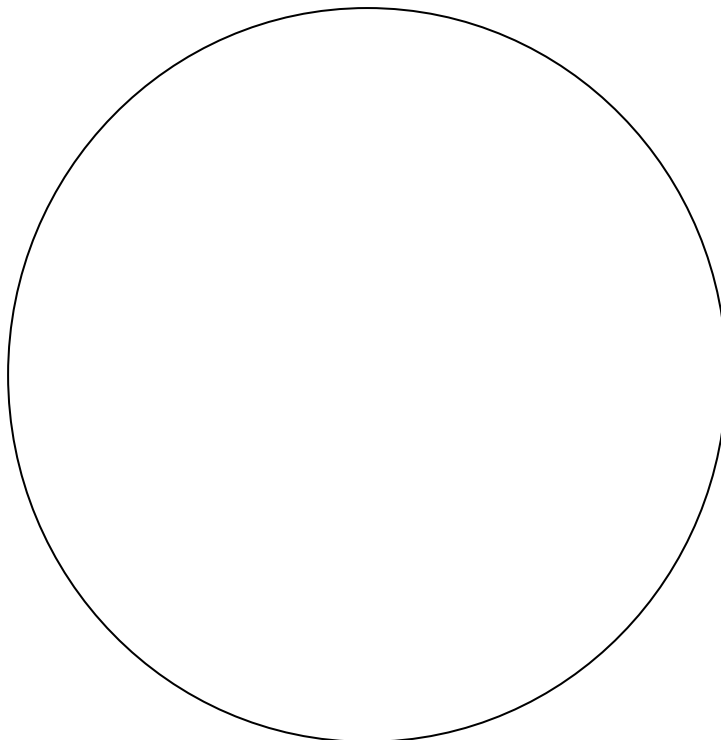
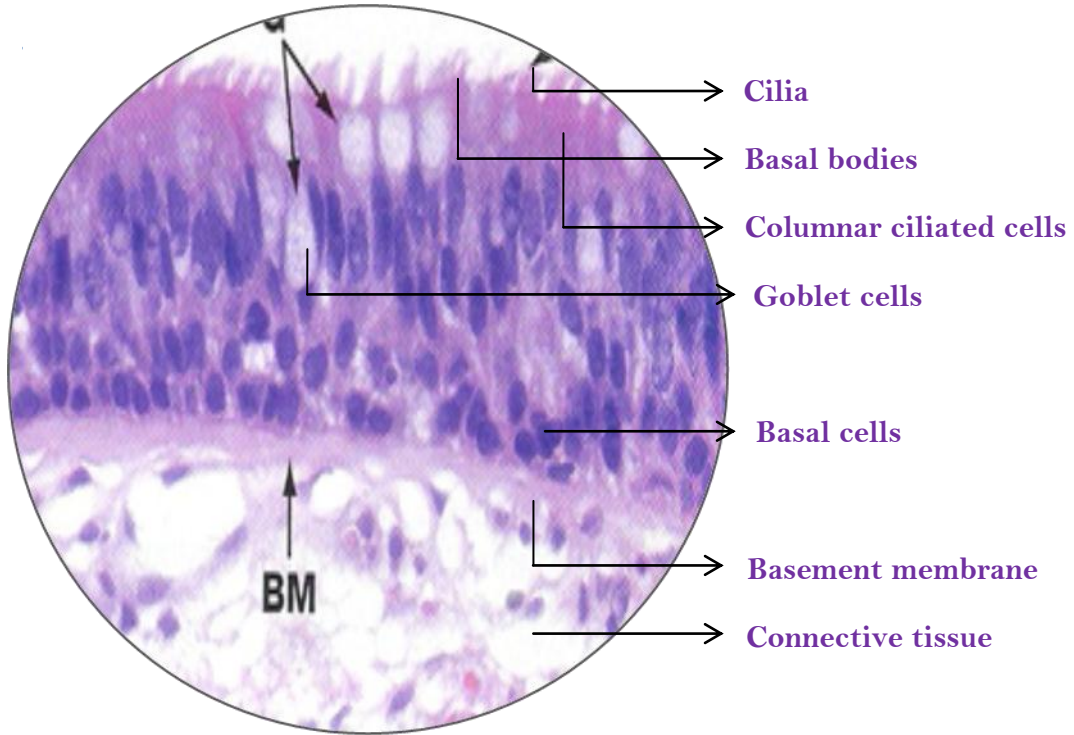
E2. Simple Cuboidal Epithelium



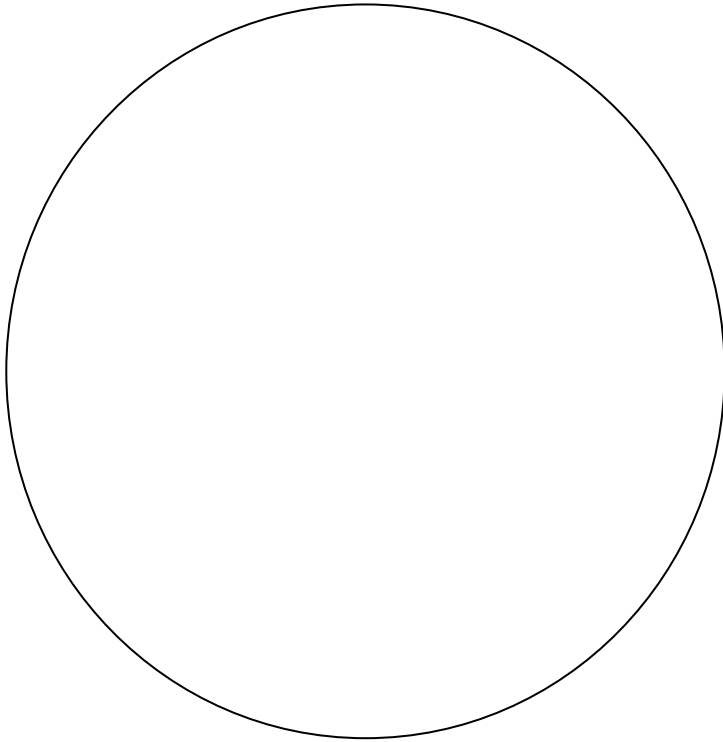
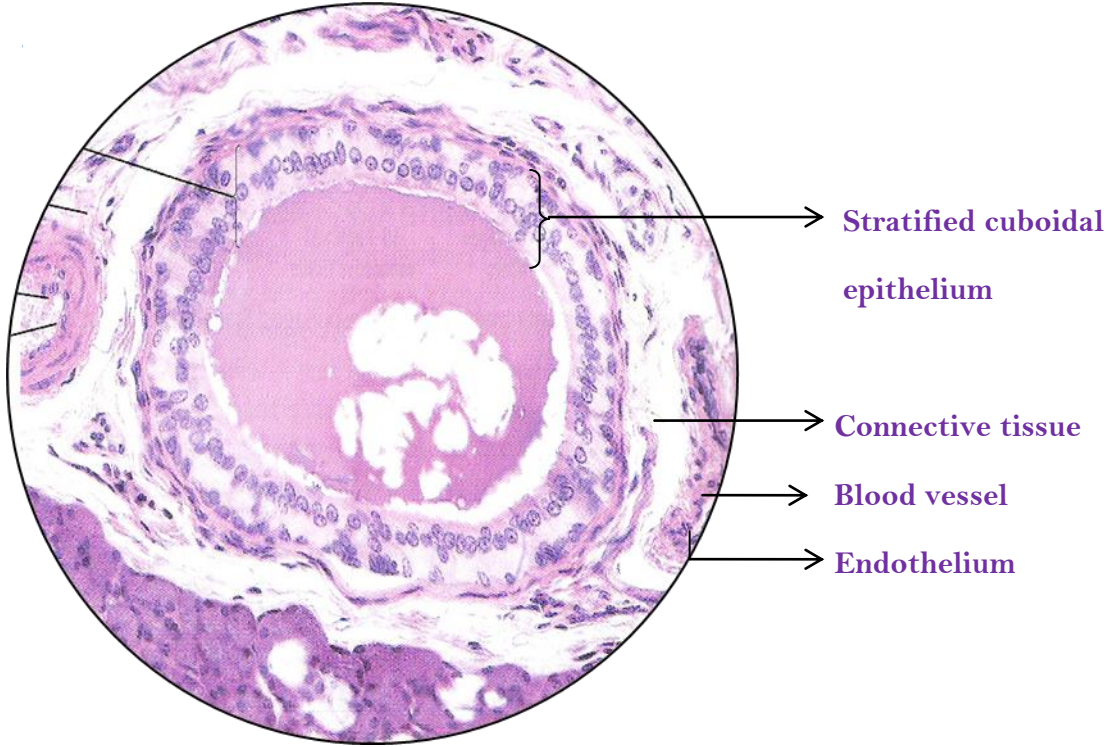
E3. Simple Columnar Epithelium



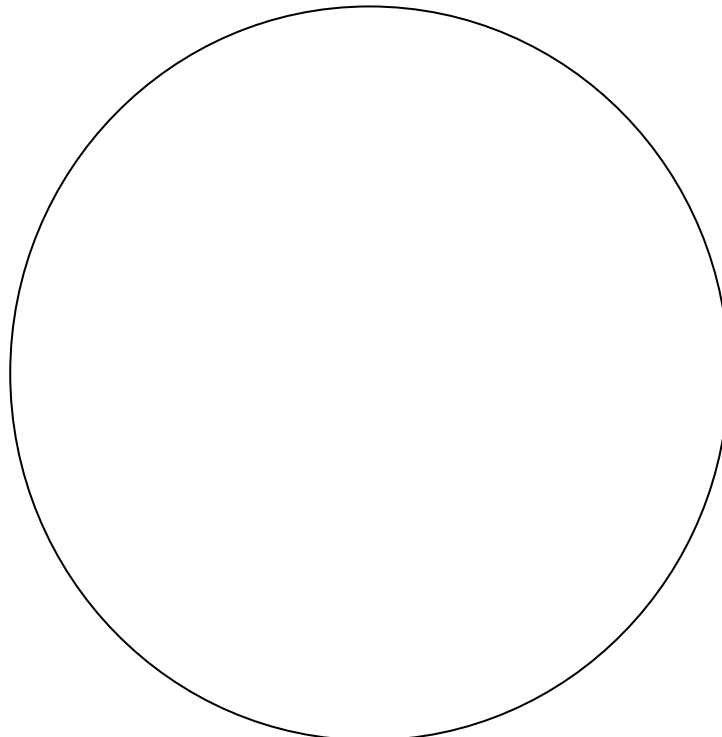
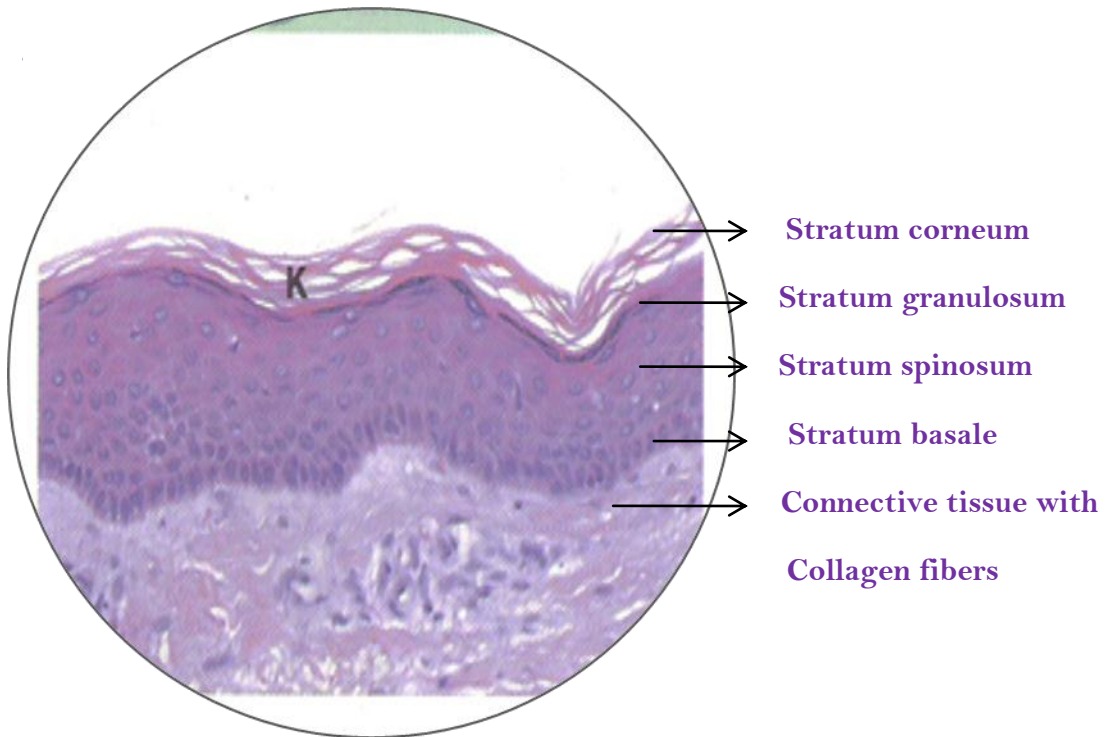
E4. Pseudostratified Ciliated Columnar Epithelium



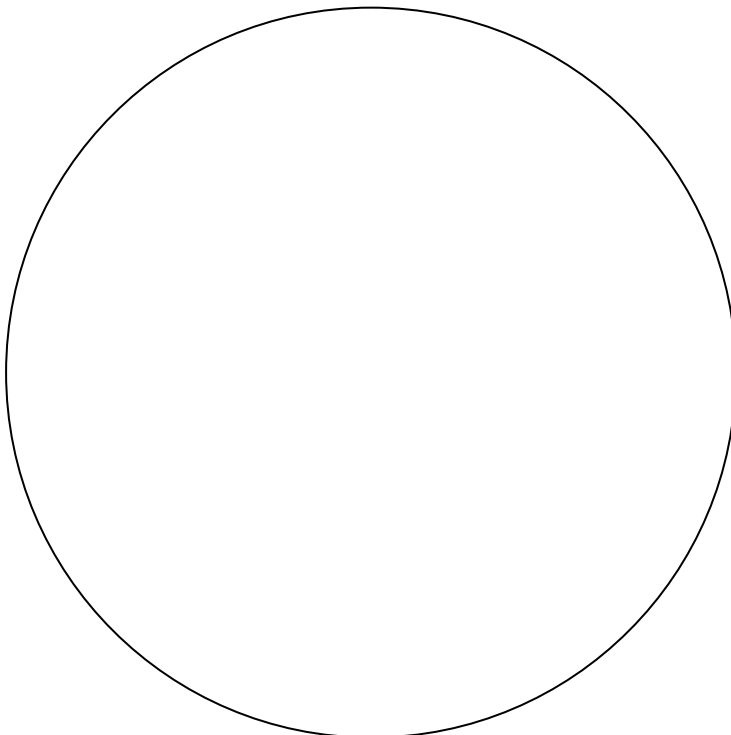
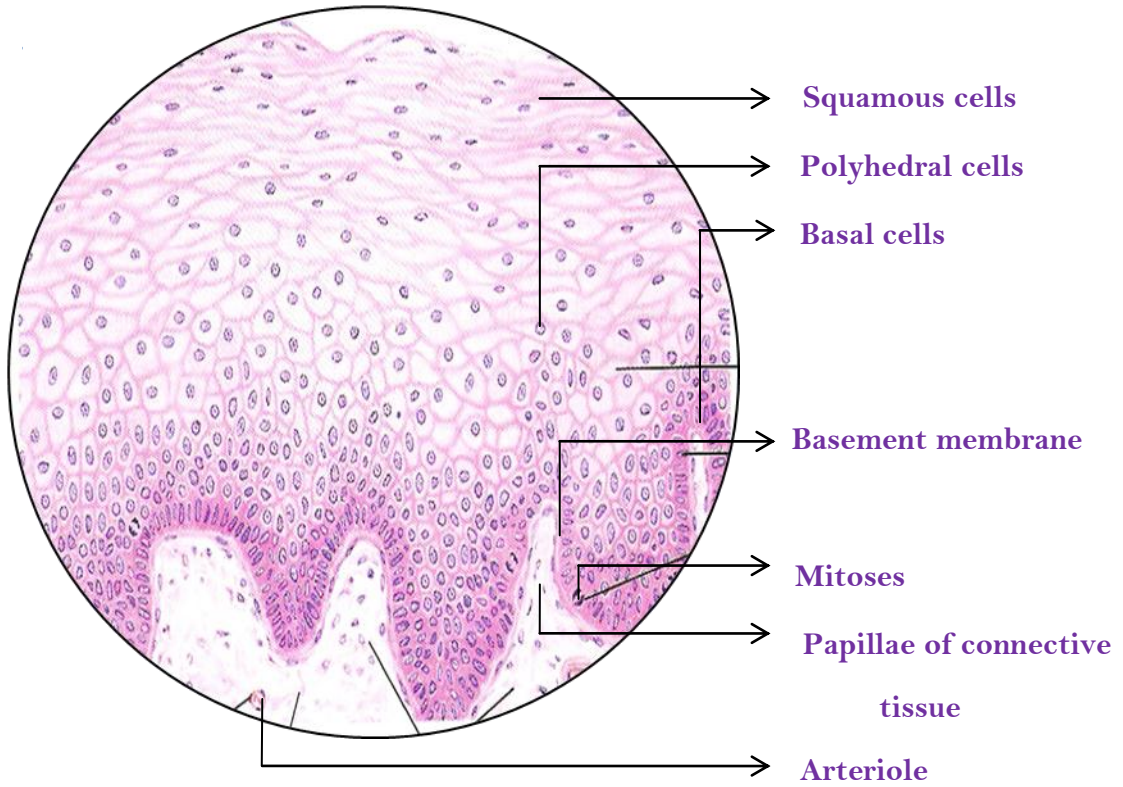
E5. Stratified Cuboidal Epithelium



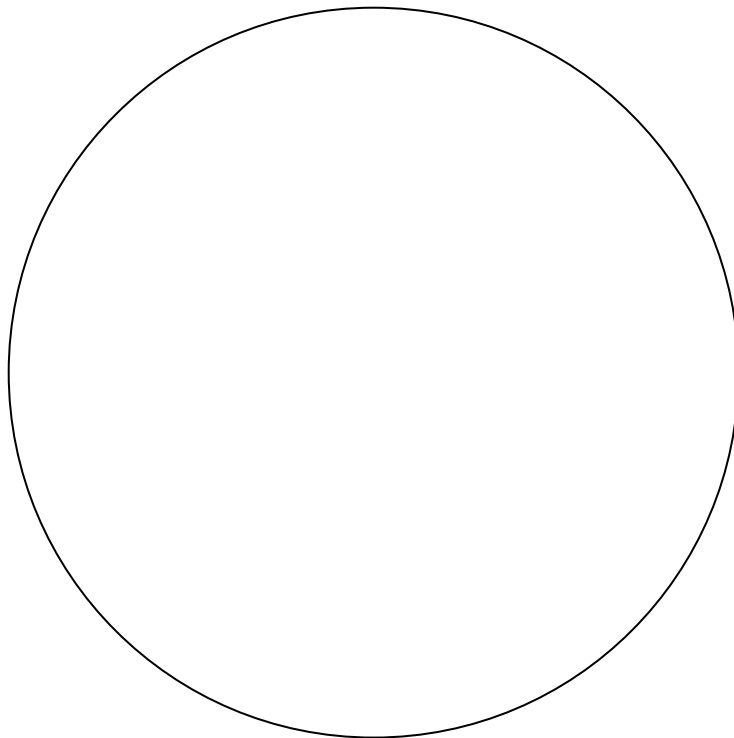
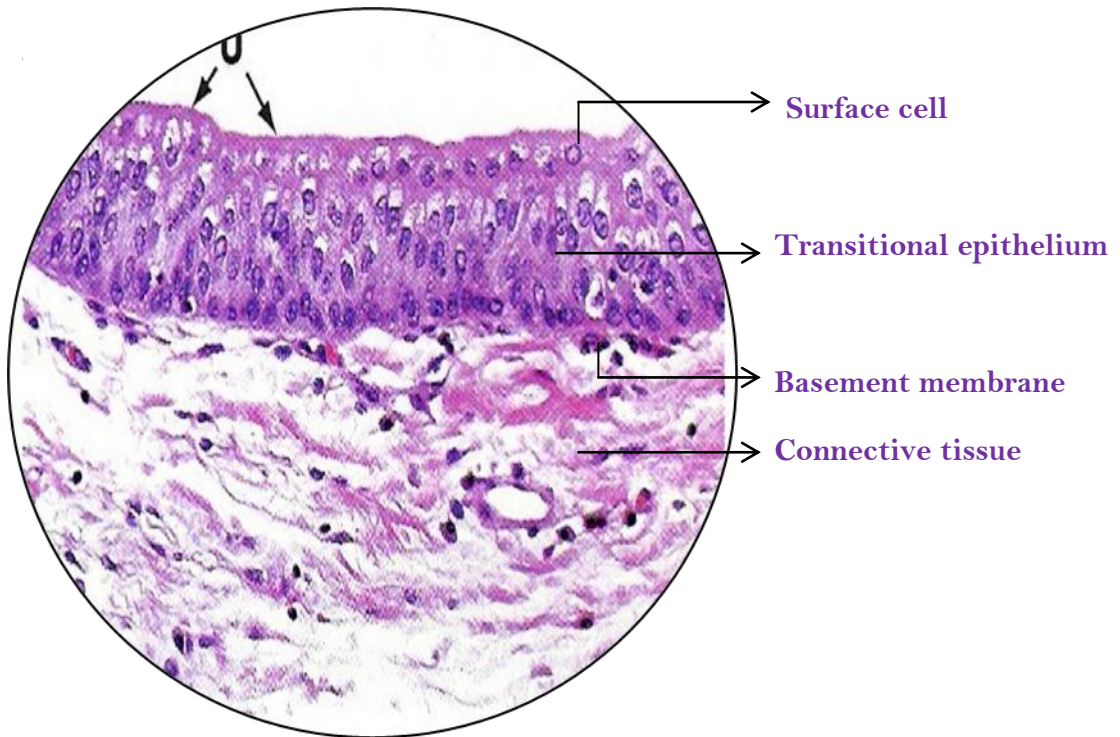
E6. Stratified Squamous Keratinized Epithelium



E7. Stratified Squamous Non-keratinized Epithelium

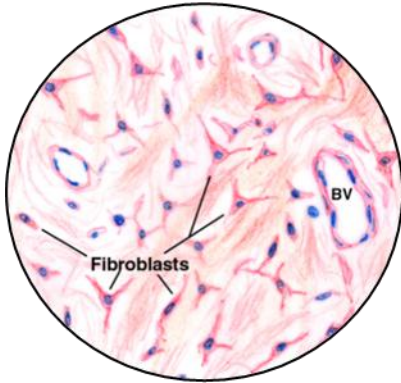


E8. Transitional Epithelium

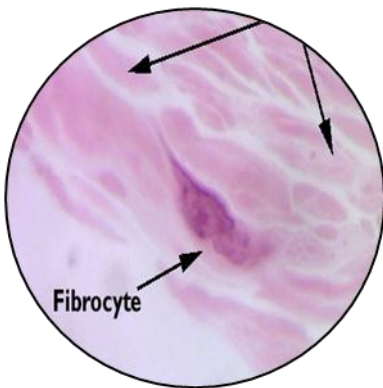


CT1. Individual Cells of Connective Tissue

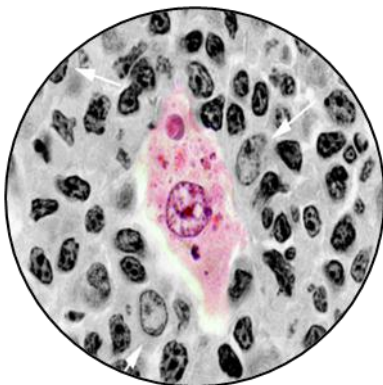
A - Fibroblast



B - Fibrocyte



C - Macrophage

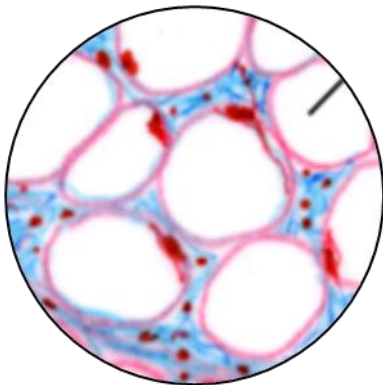


CT1. Individual Cells of Connective Tissue

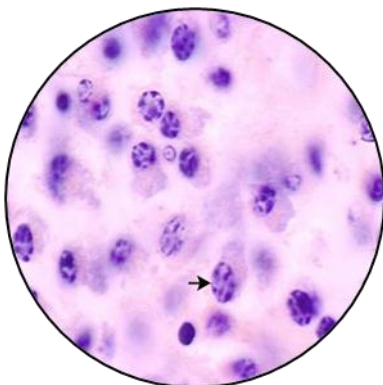
D – Mast Cell



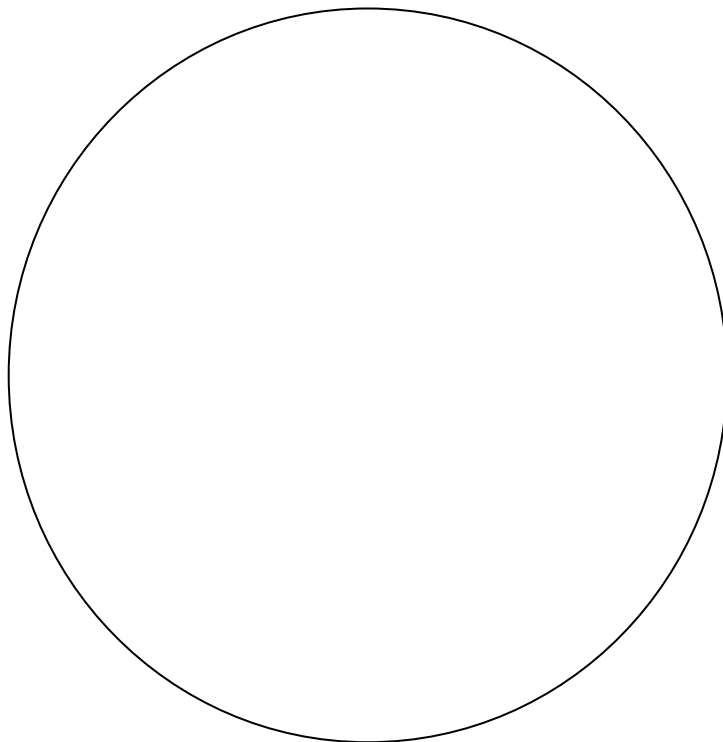
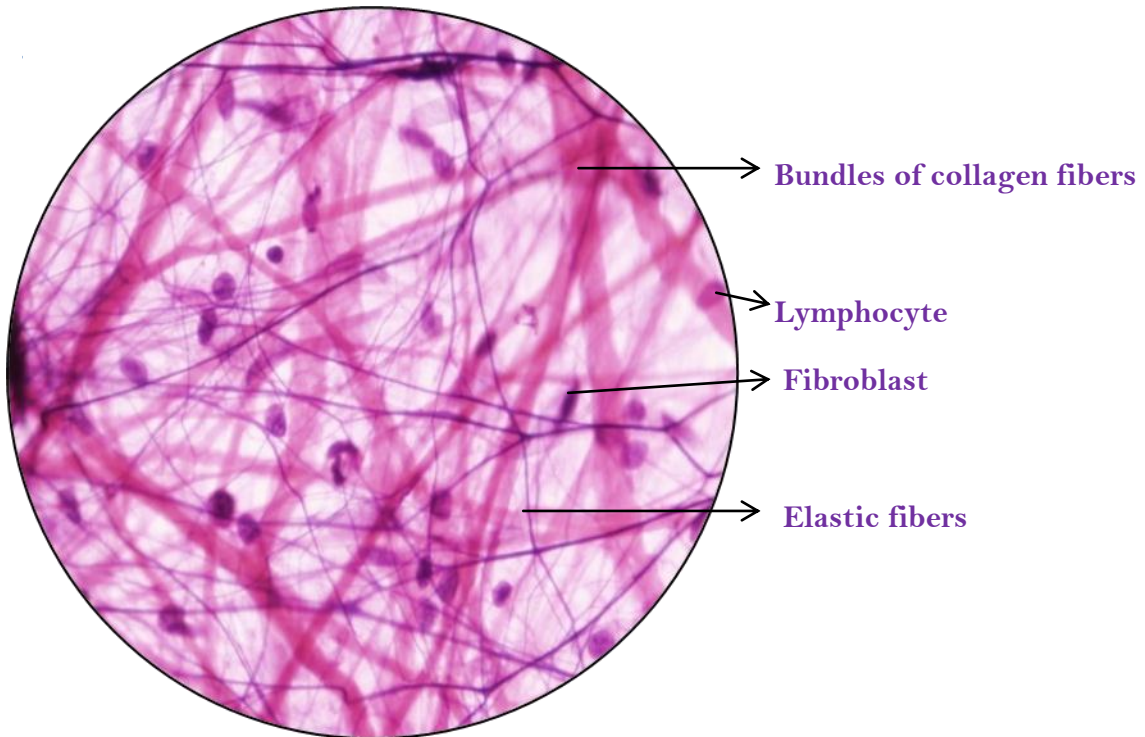
E – Adipocyte



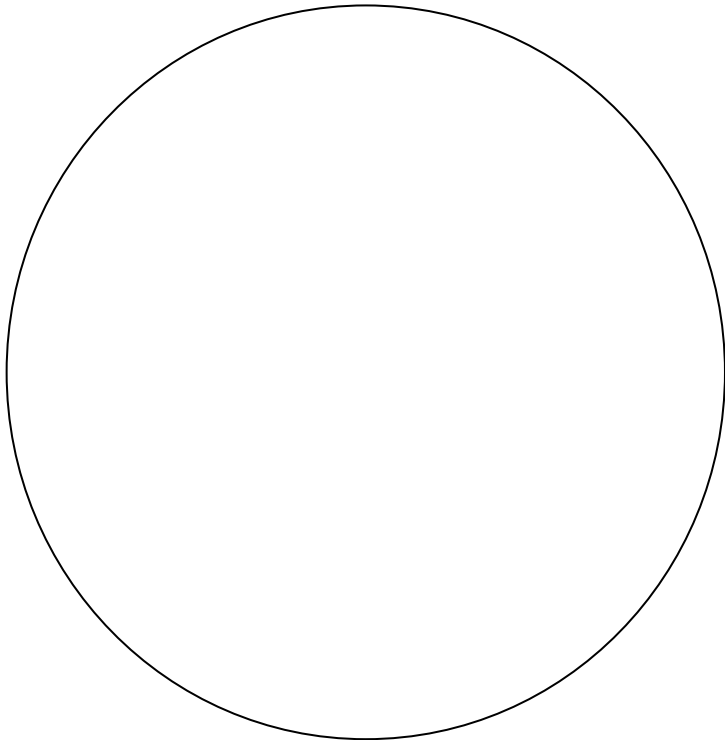
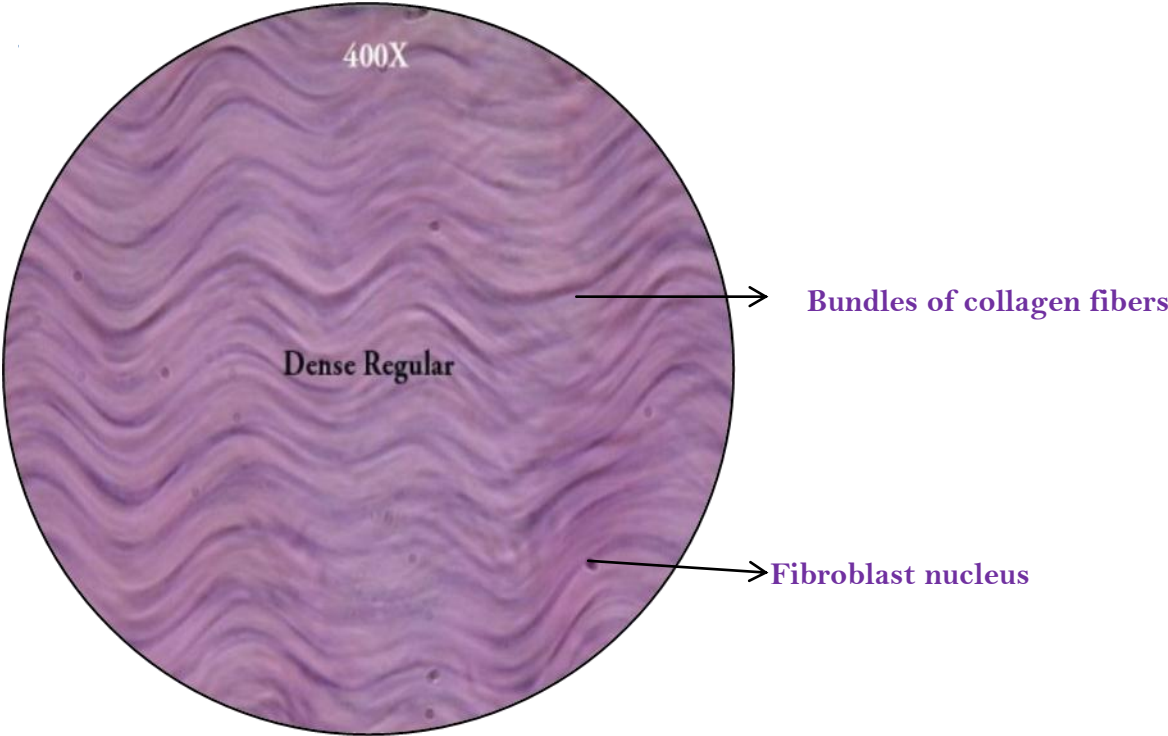
F - Plasma Cell



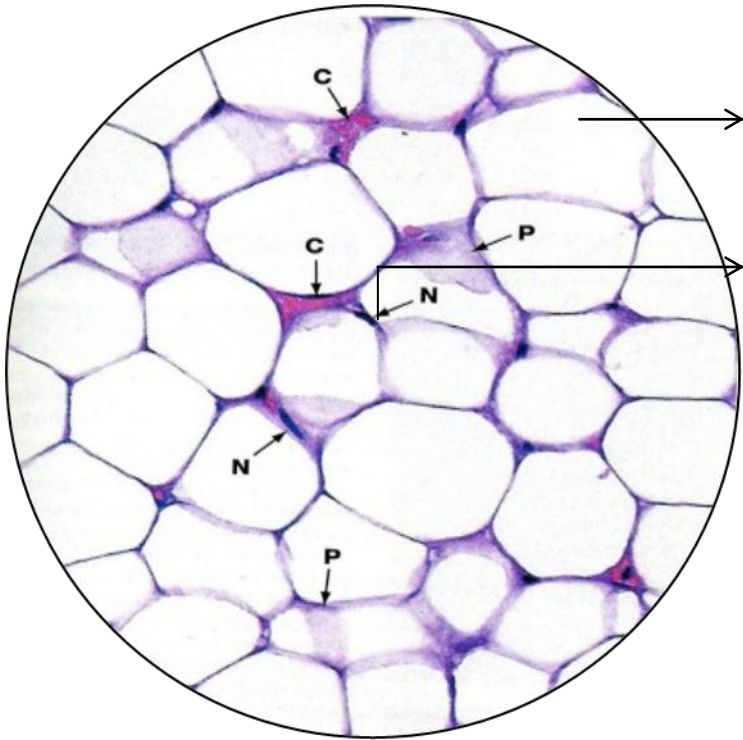
CT2. Loose Areolar Connective Tissue



CT3. Dense Connective Tissue

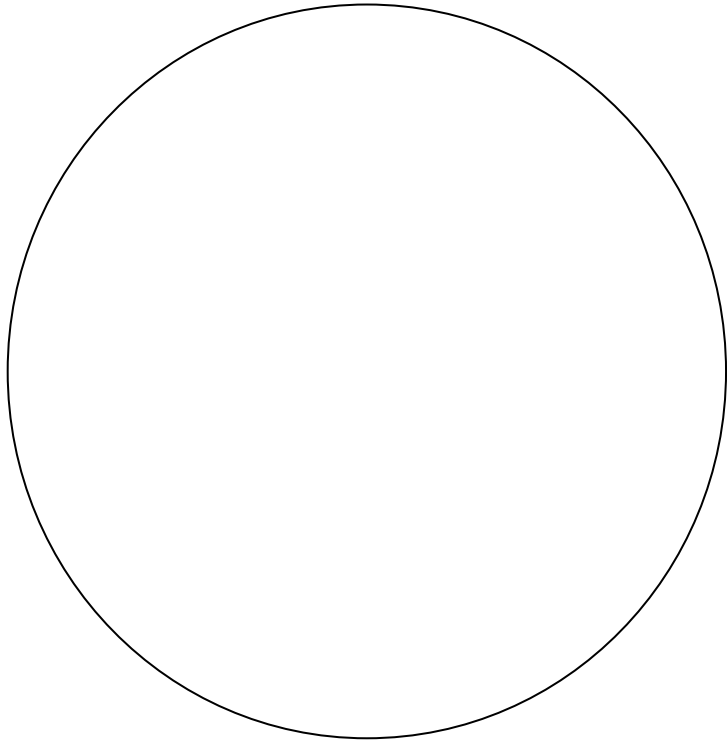


CT4. Adipose Tissue

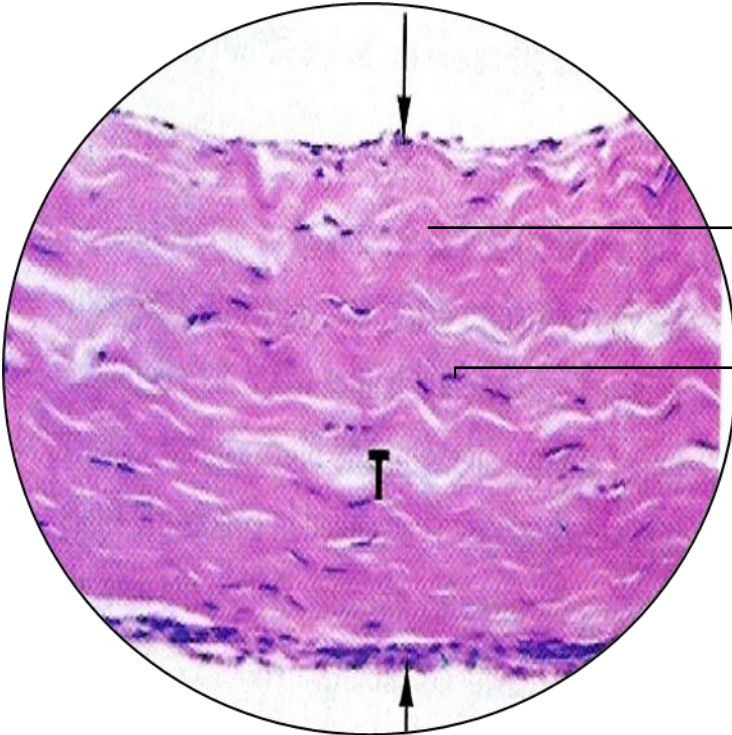


Adipose cells

Nuclei of adipose cells

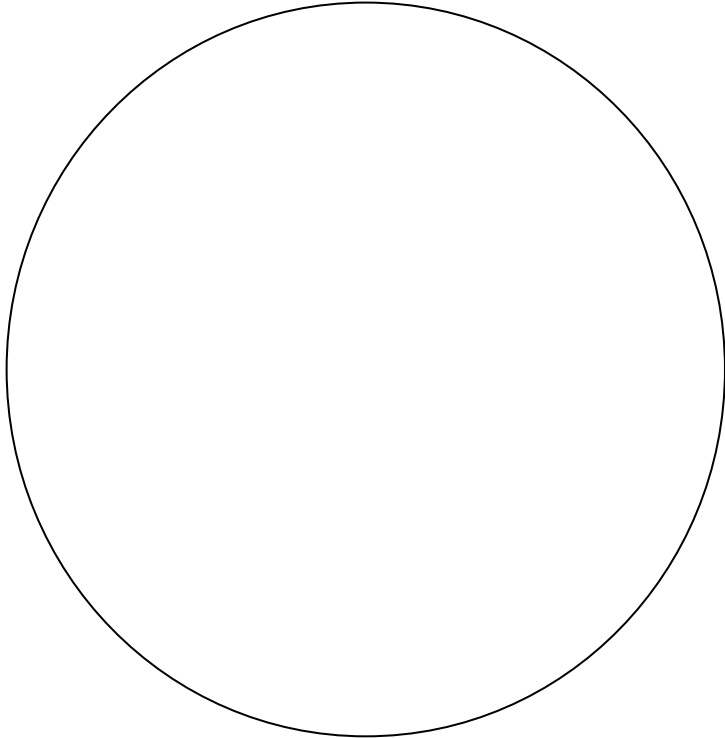


CT5. Tendon

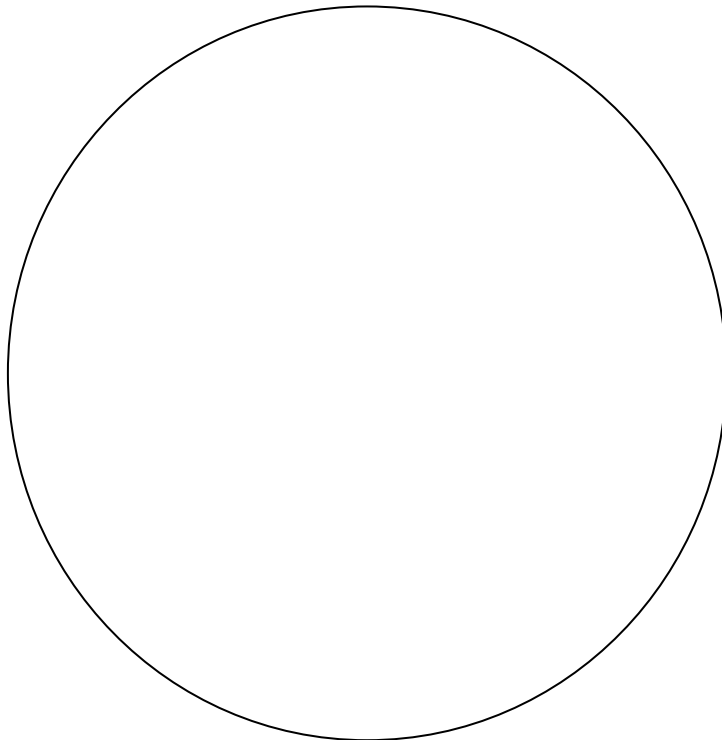
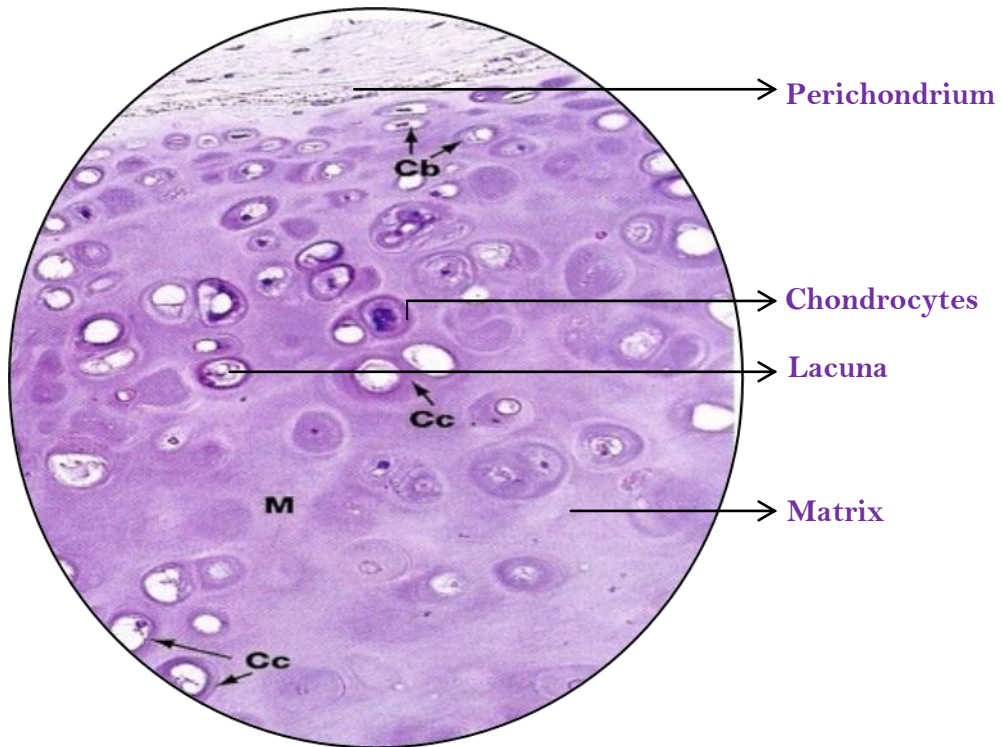


Bundles of collagen fibers

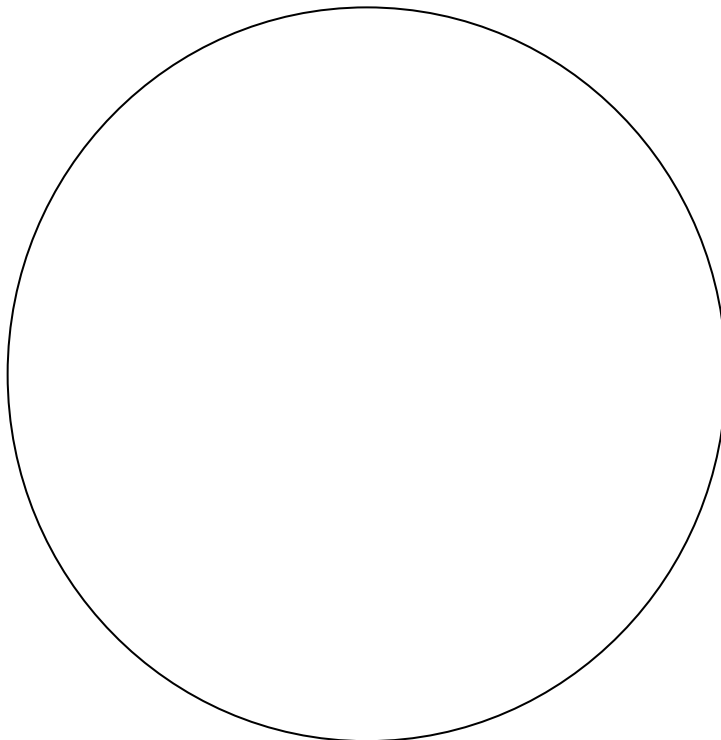
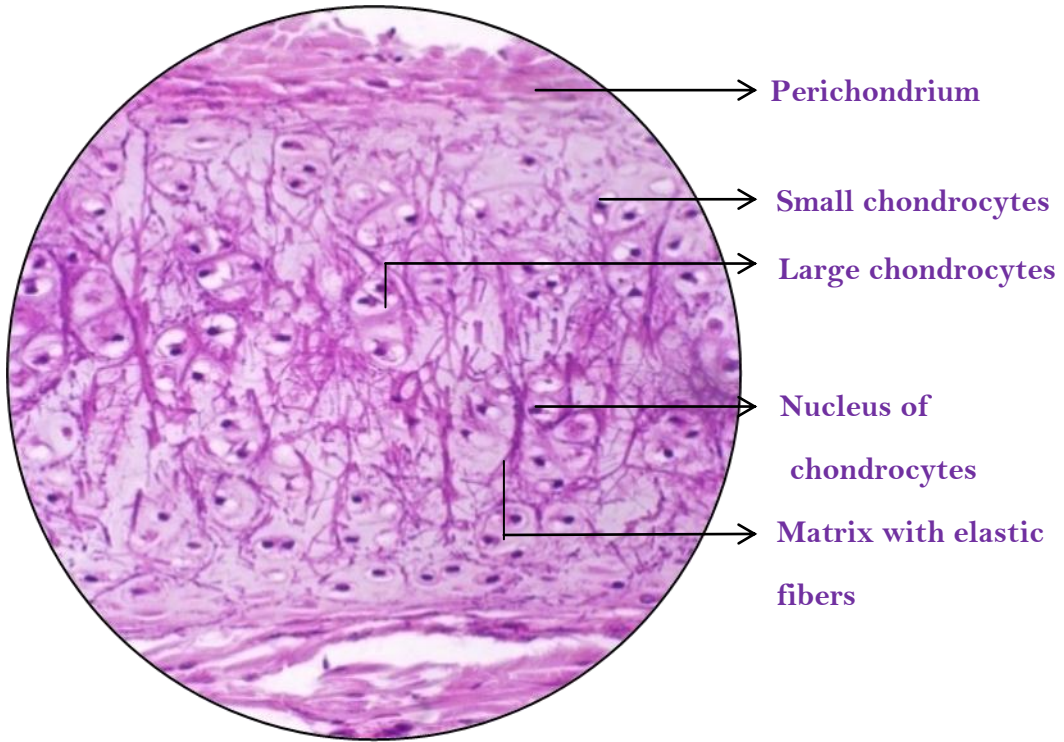
Fibroblast nucleus



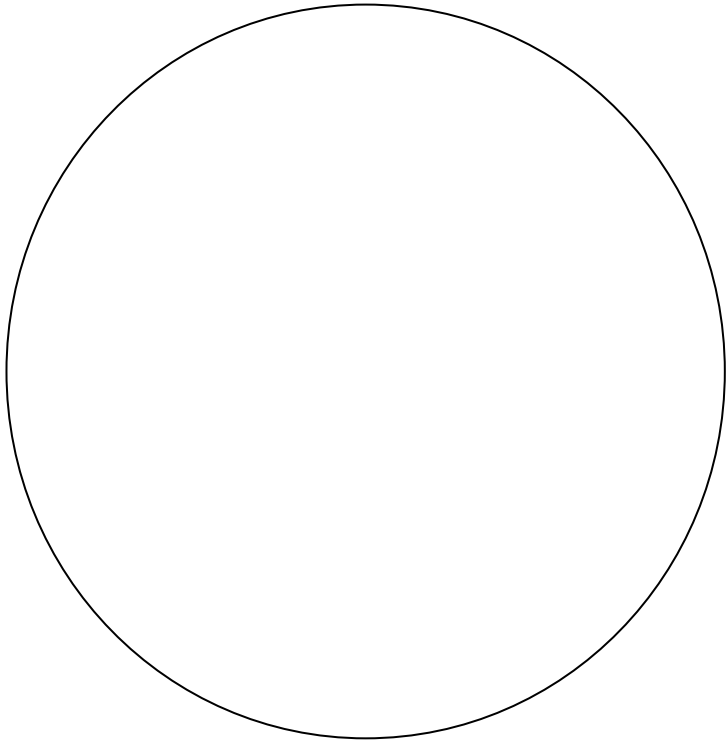
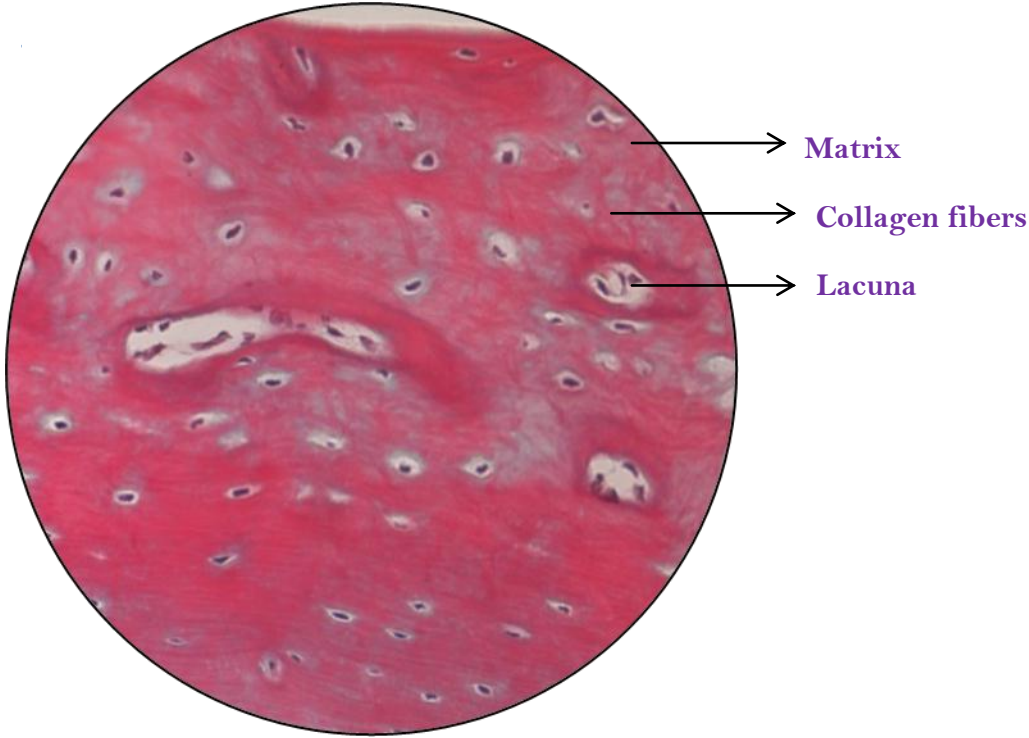
C1. Hyaline Cartilage



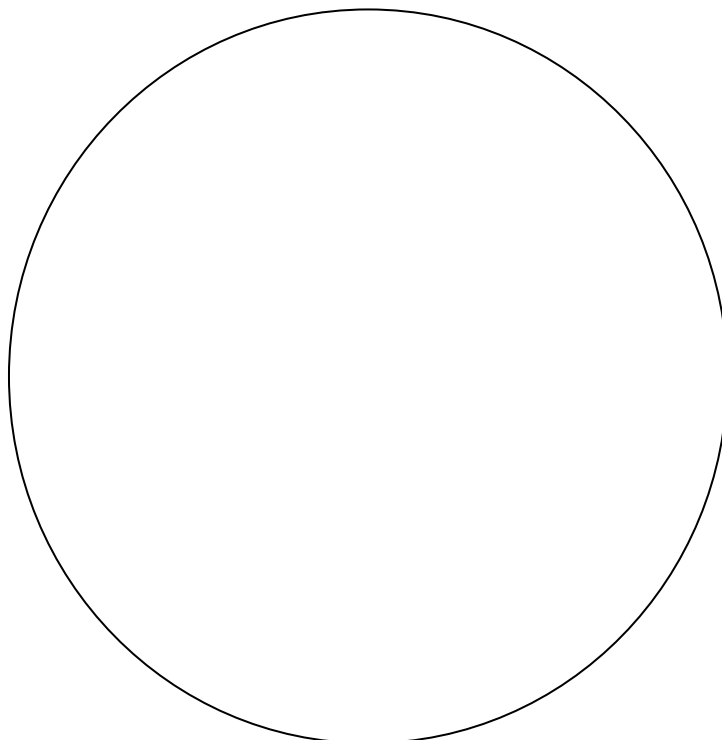
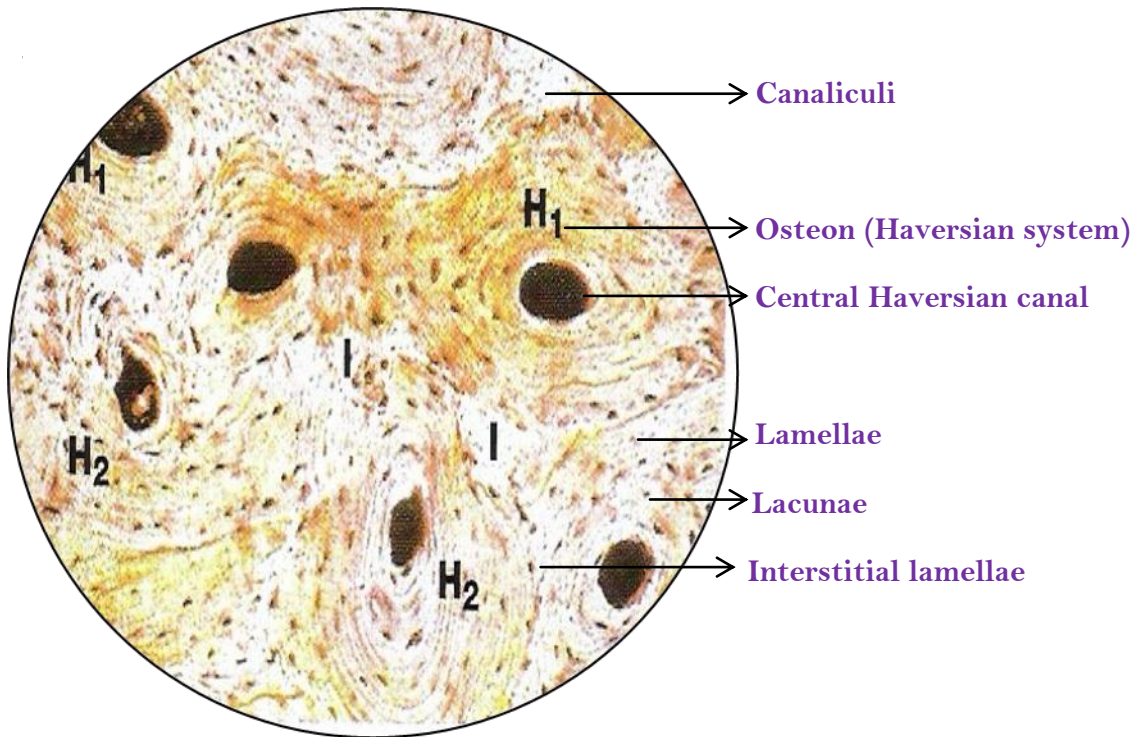
C2. Elastic Cartilage



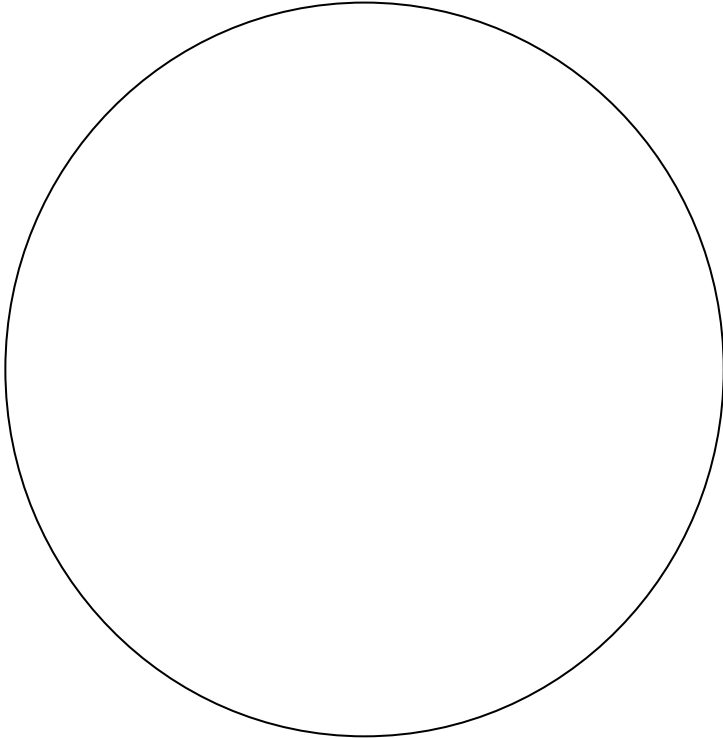
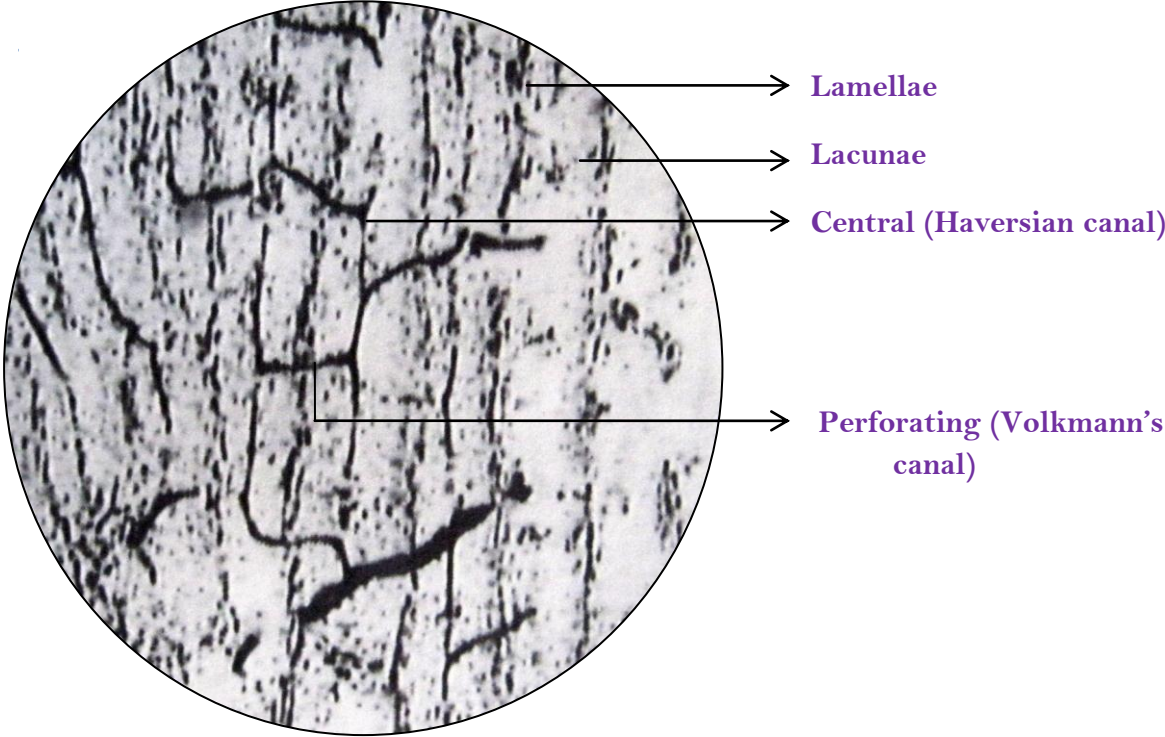
C3. Fibrous Cartilage



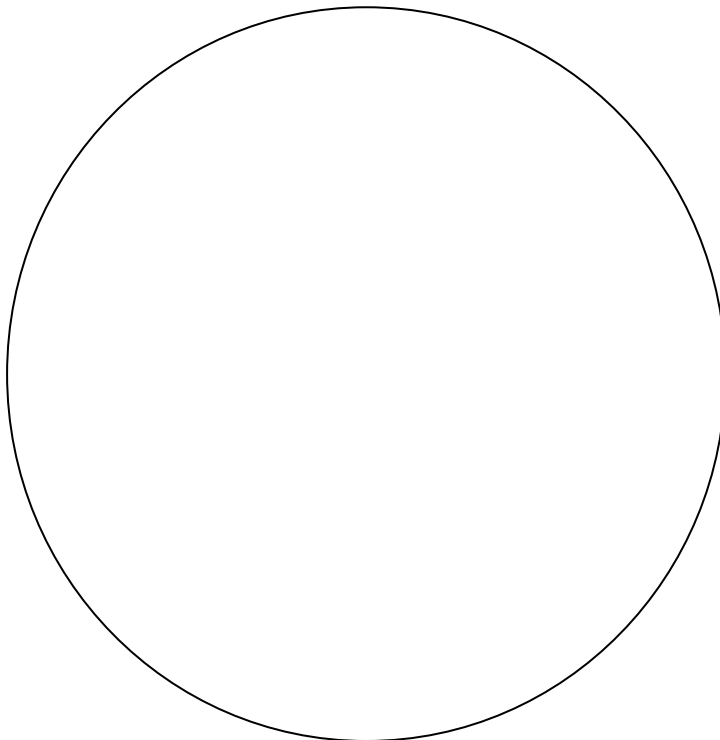
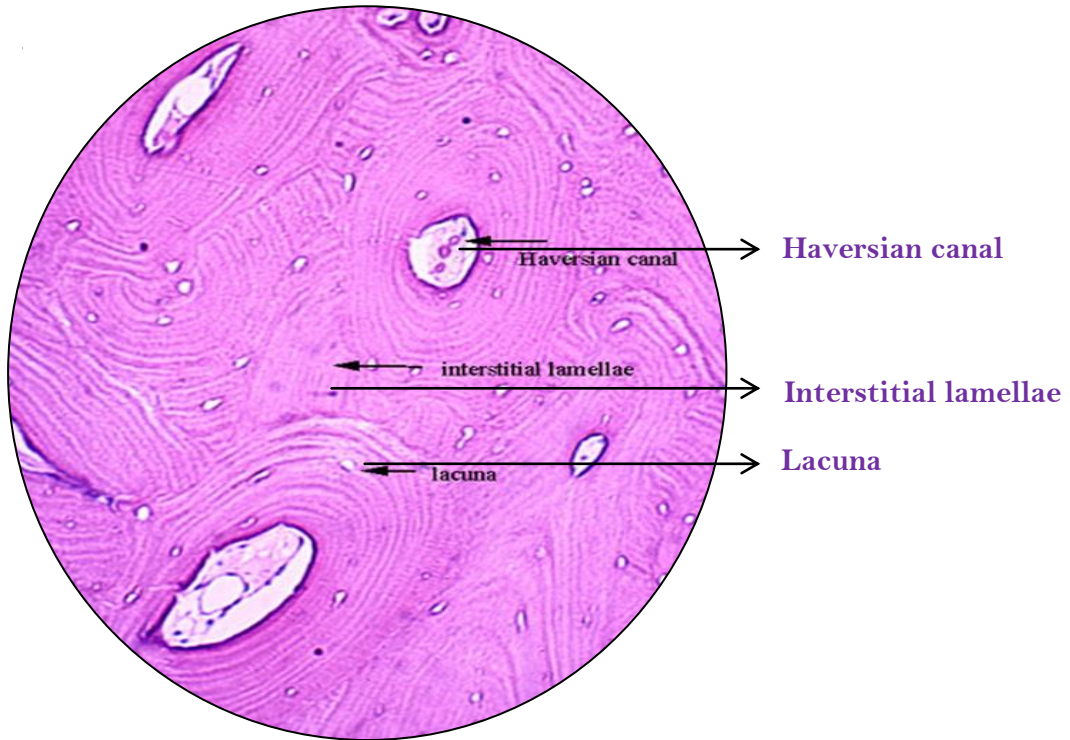
B1. Compact Bone (C.S)



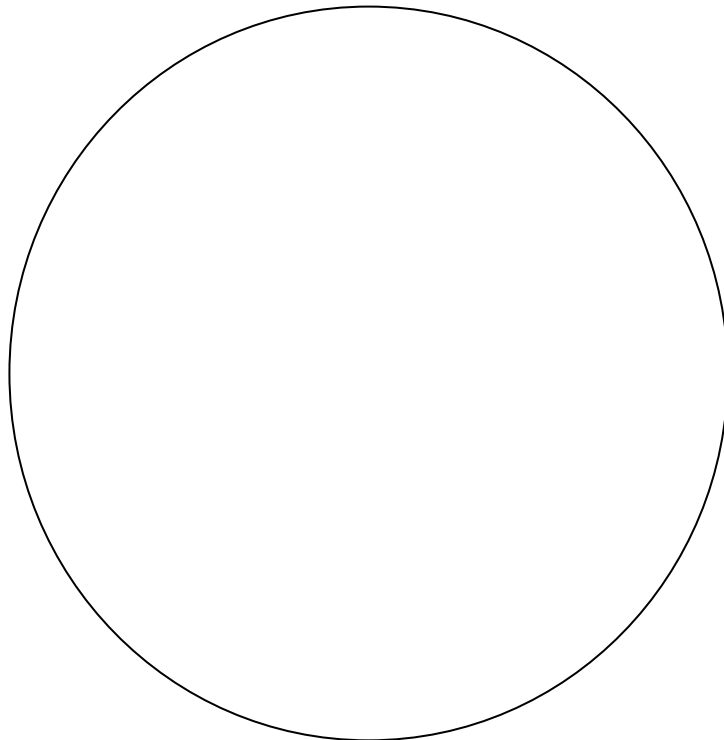
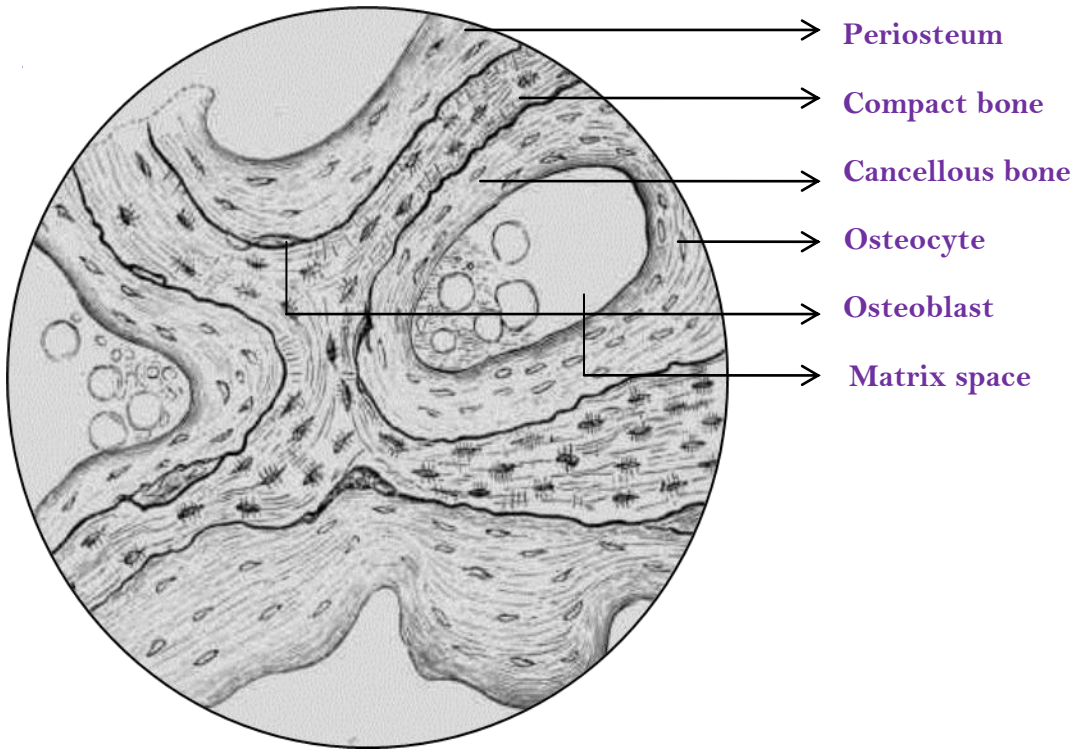
B2. Compact Bone (L.S)



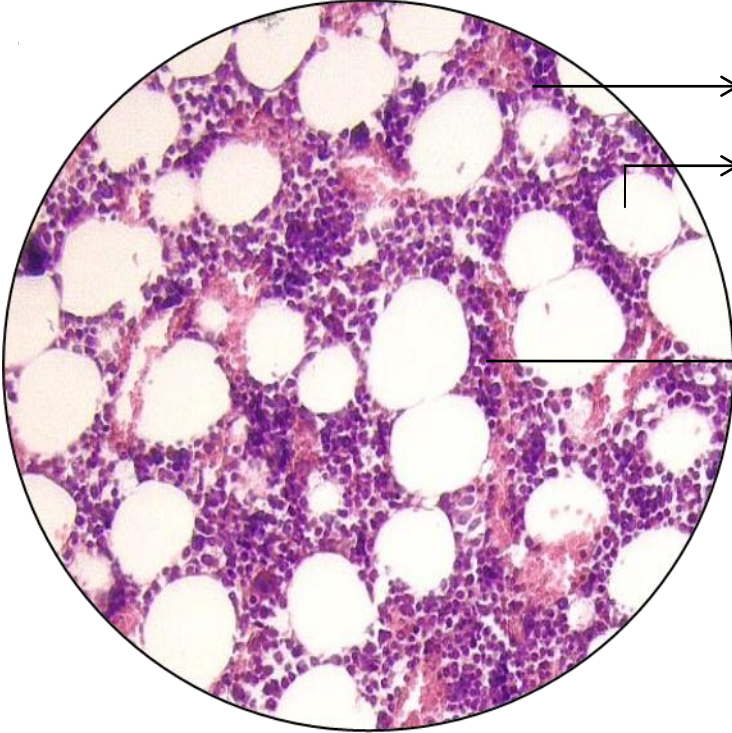
B3. Compact Bone (Decalcified)



B4. Cancellous Bone



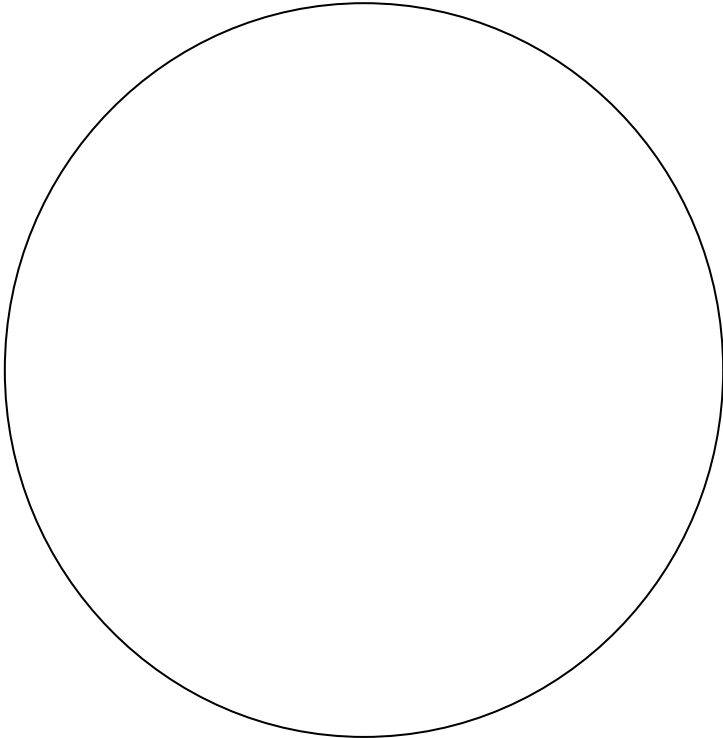
B5. Bone Marrow



Megakaryocytes

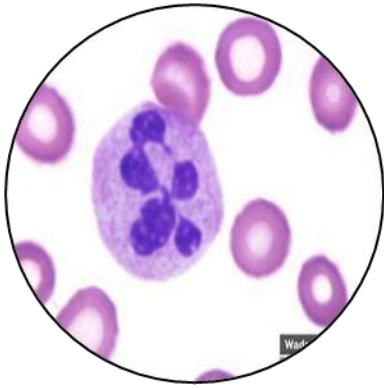
Adipose cells

Various cells of
erythrocytic
& granulocytic series

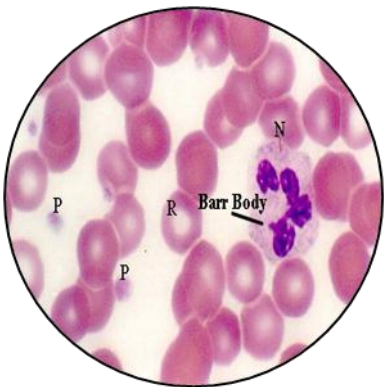


BL1. Individual Cells of Blood

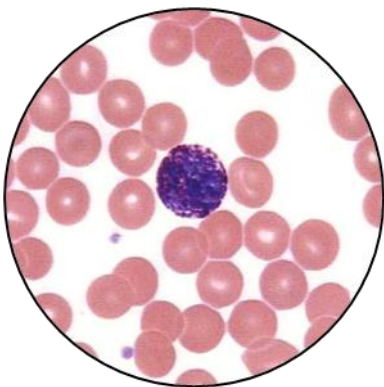
A - Neutrophil



B - Eosinophil

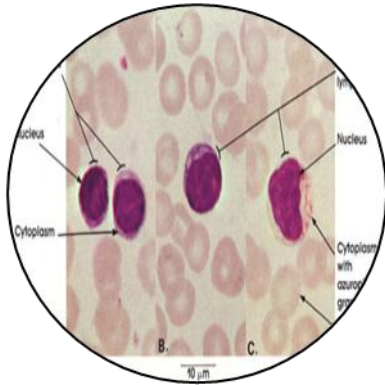


C - Basophil

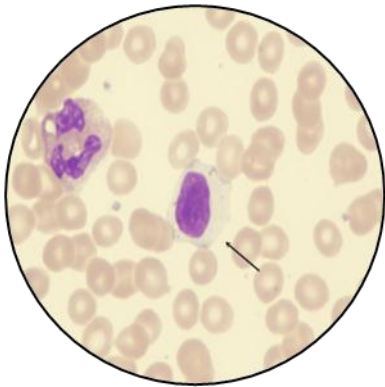


BL1. Individual Cells of Blood

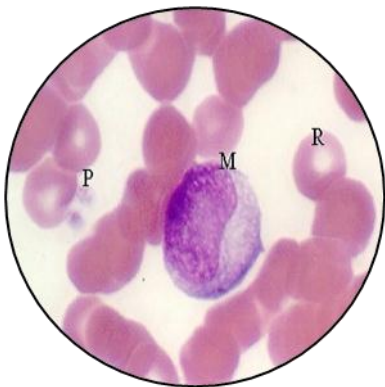
D - Small Lymphocyte



E - Large Lymphocyte

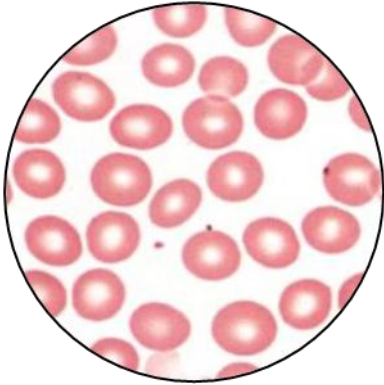


F - Monocyte

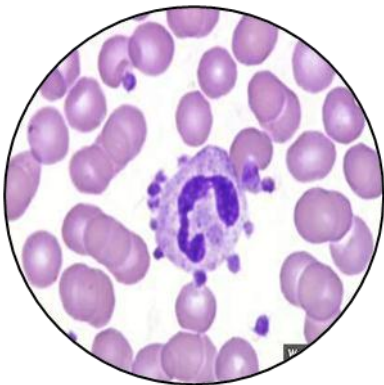


BL1. Individual Cells of Blood

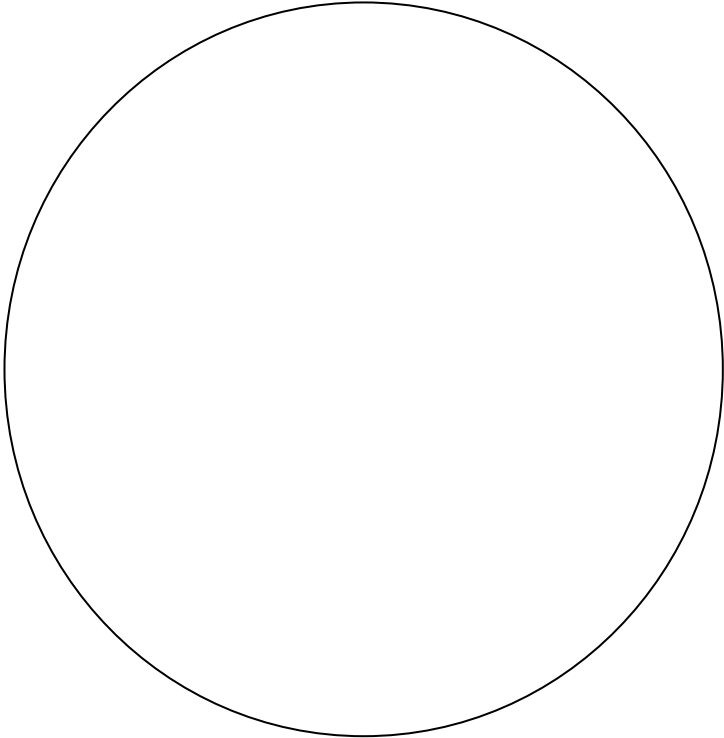
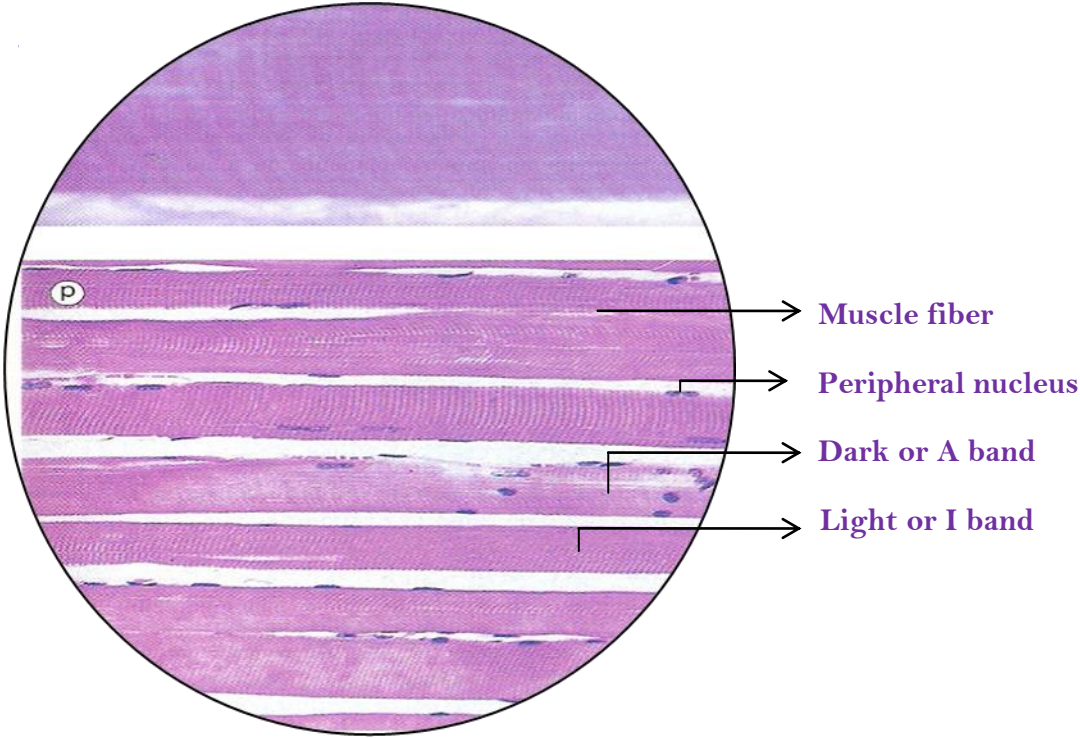
G - Red Blood Cell



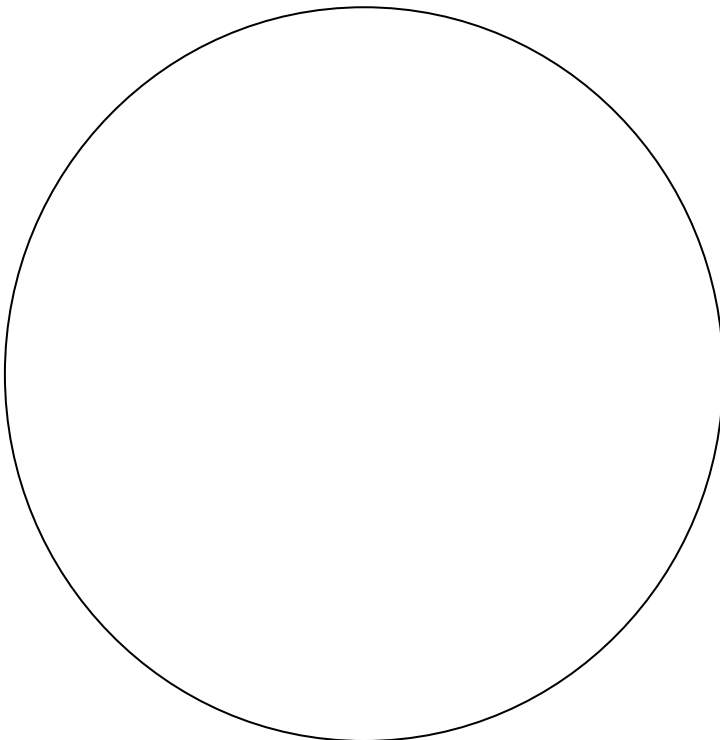
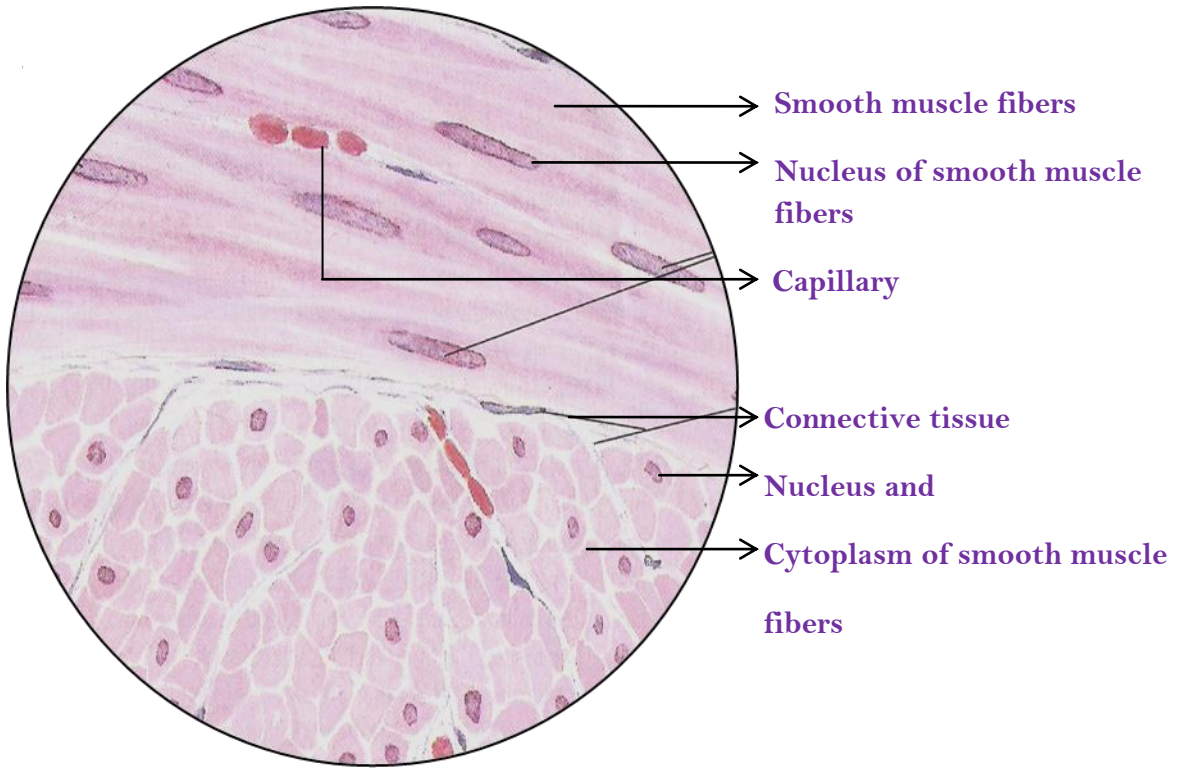
H - Platelet



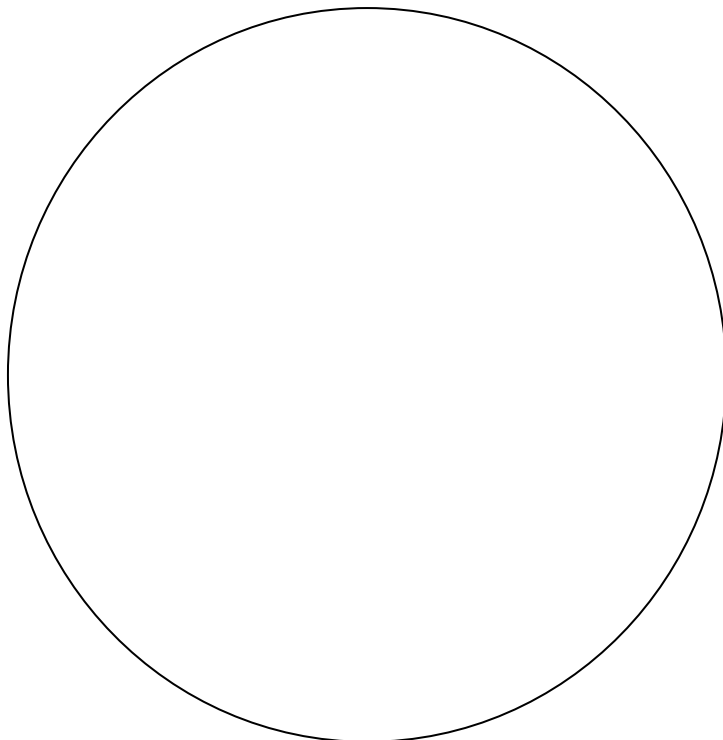
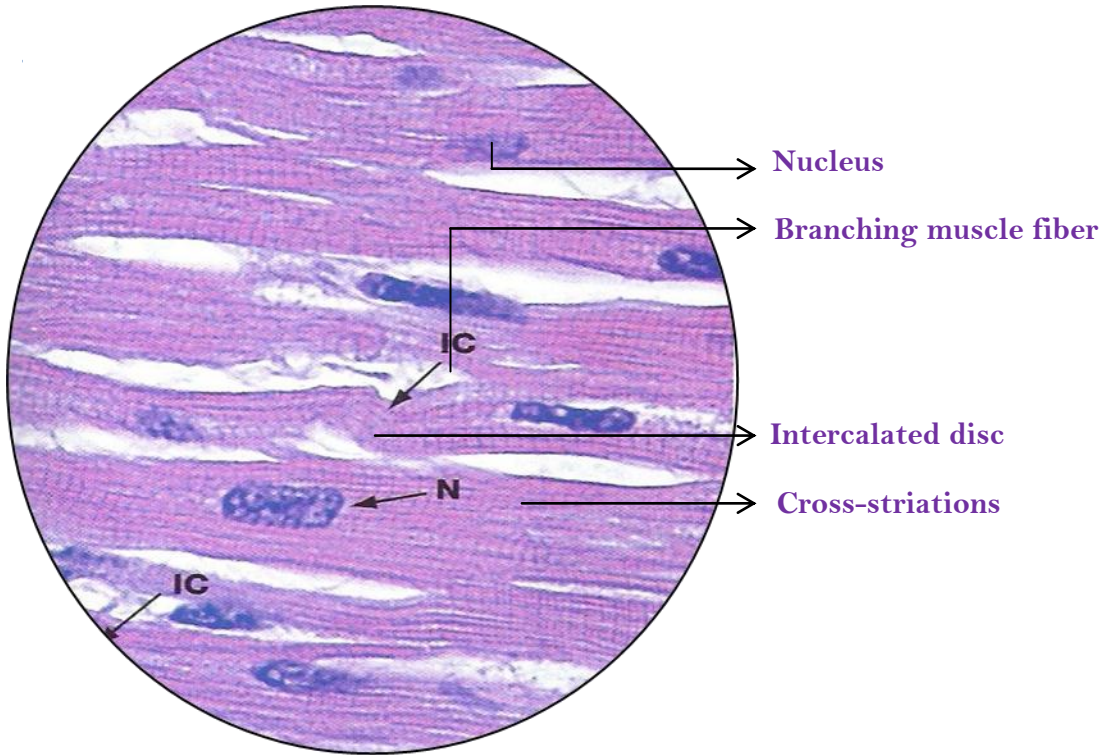
MT1. Striated Muscle



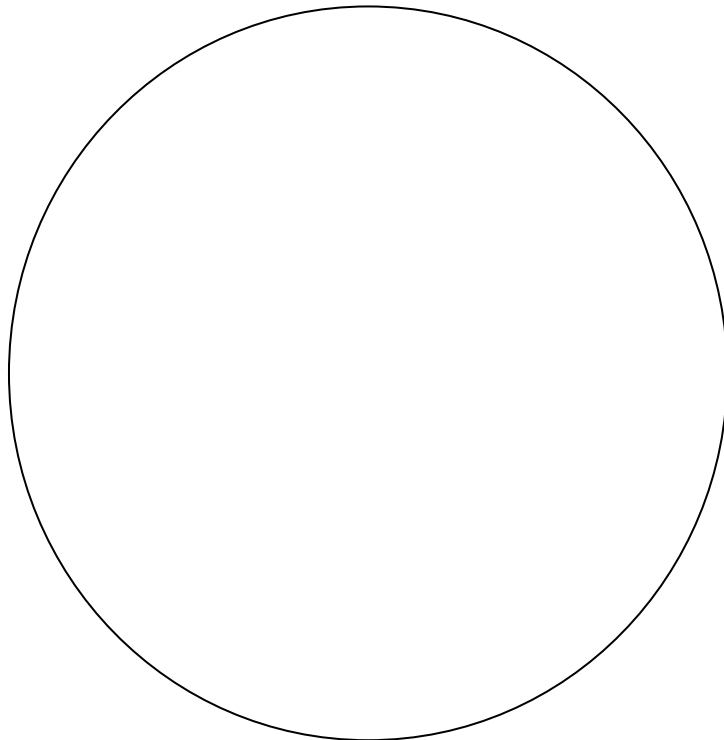
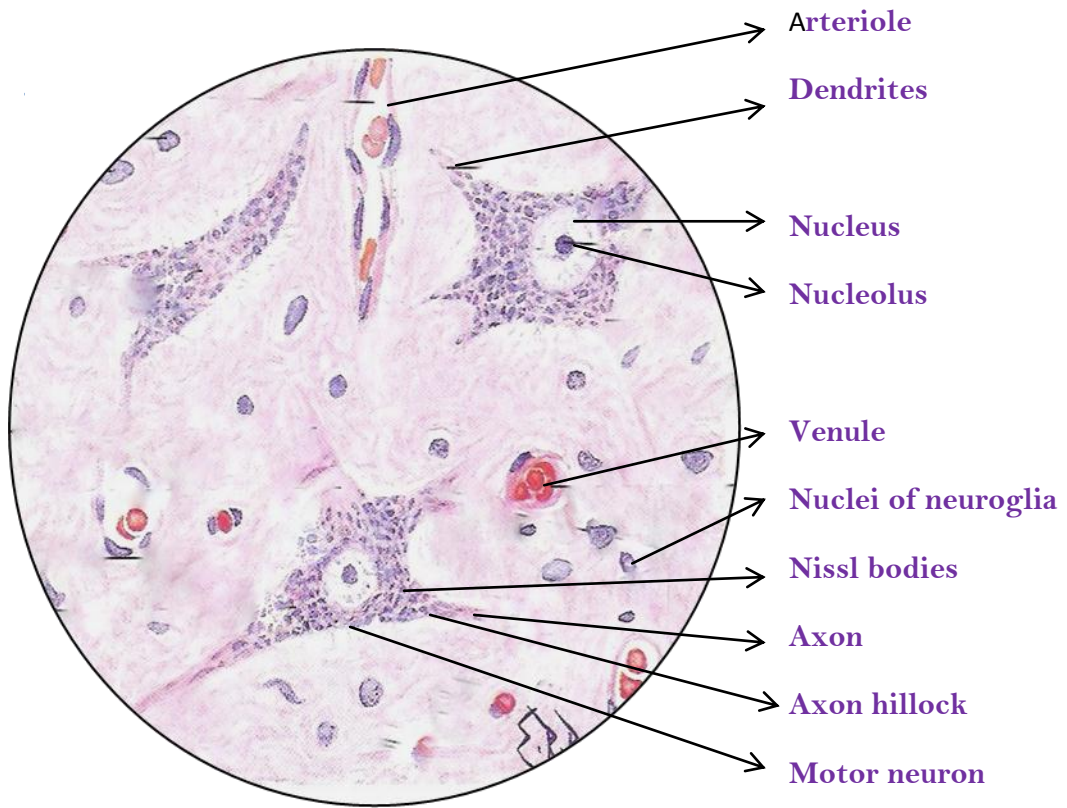
MT2. Smooth Muscle



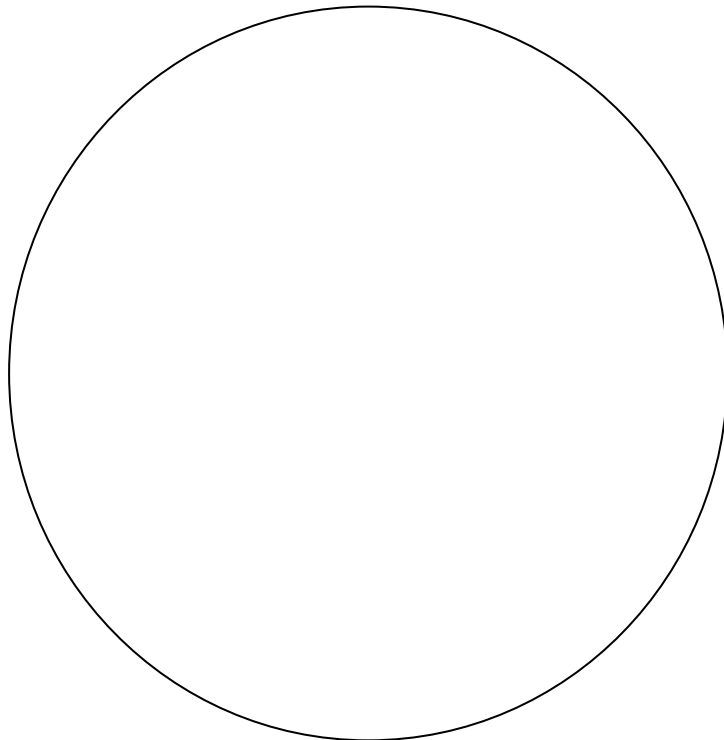
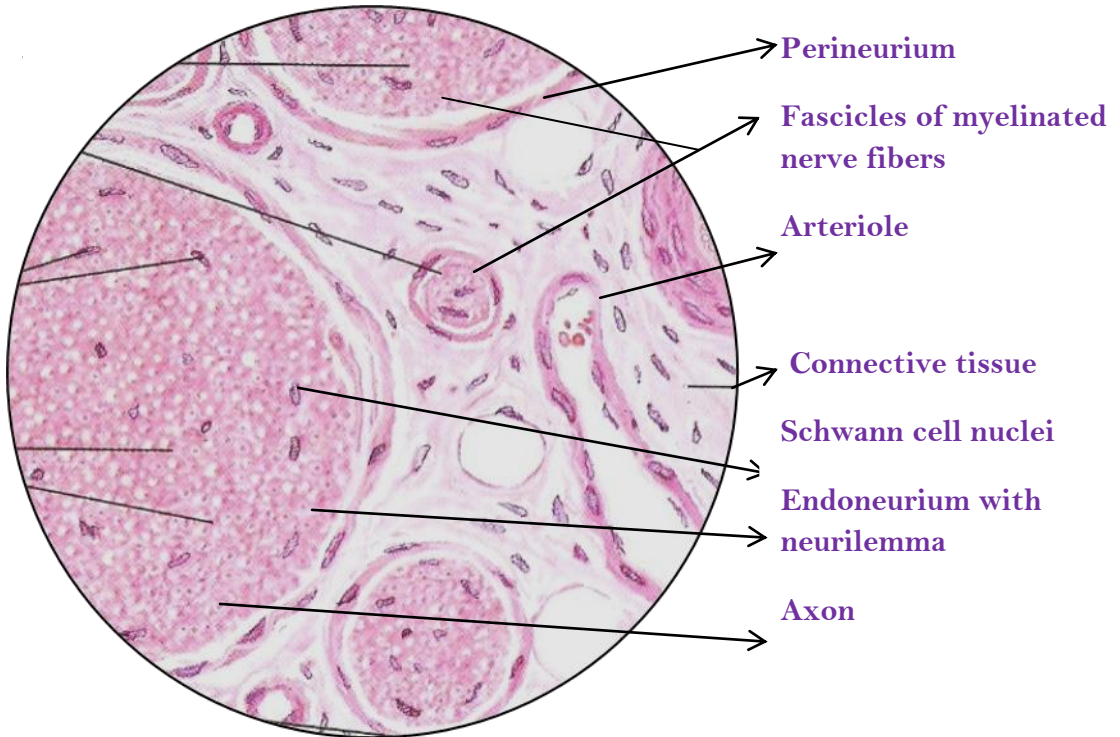
MT3. Cardiac Muscle



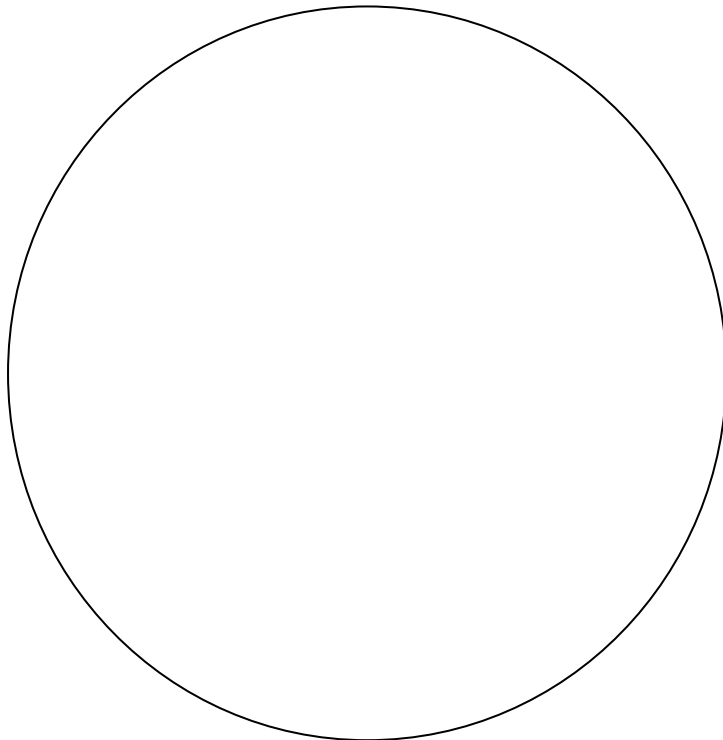
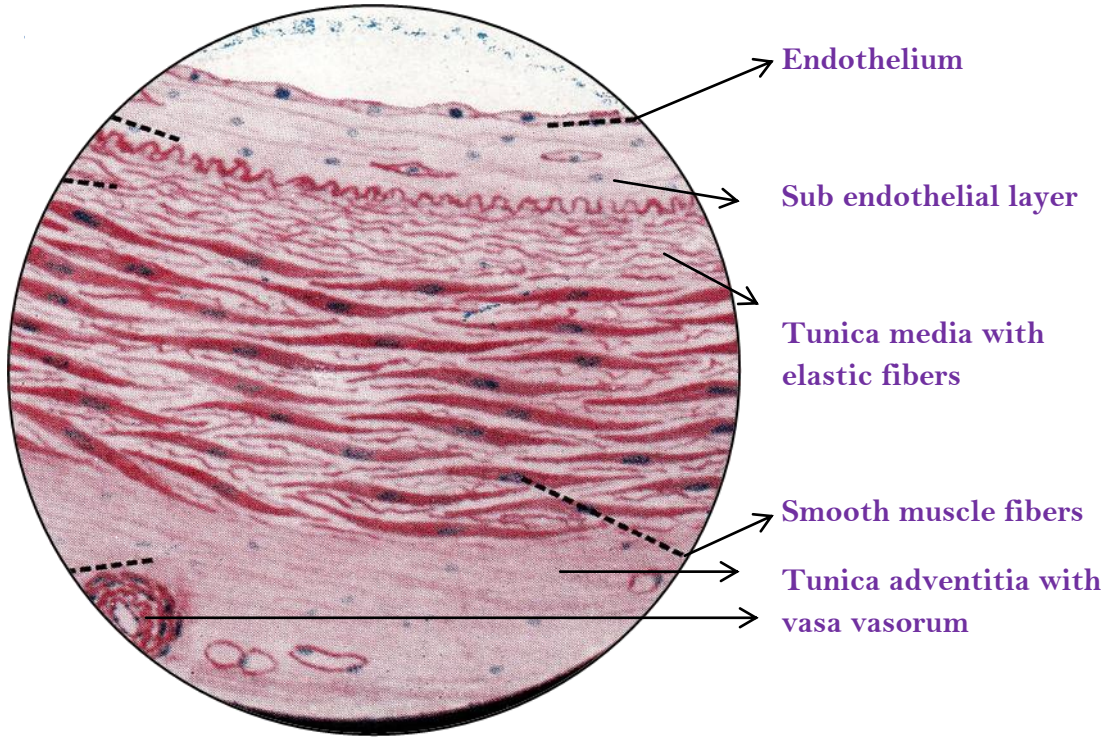
NT1. Neuron



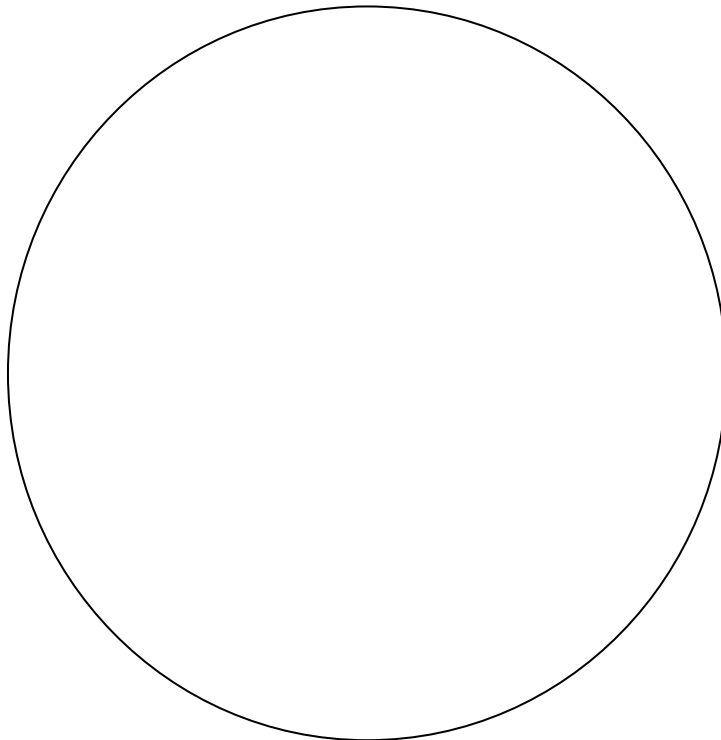
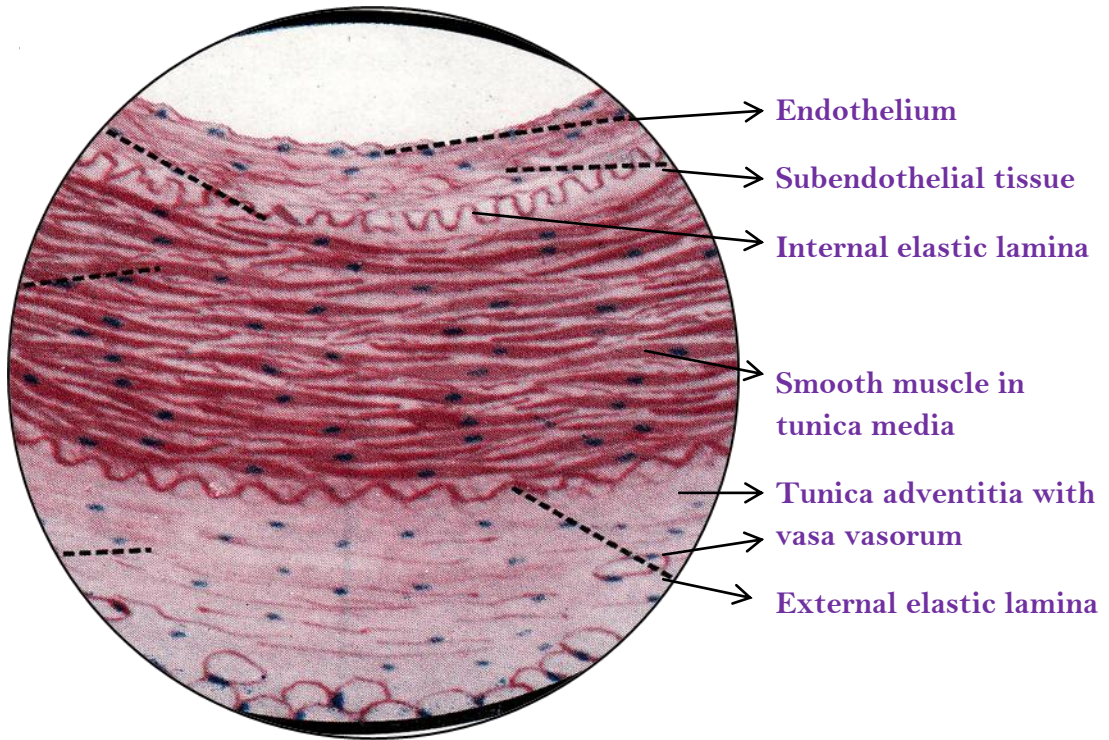
NT2. Nerve (Transverse Section)



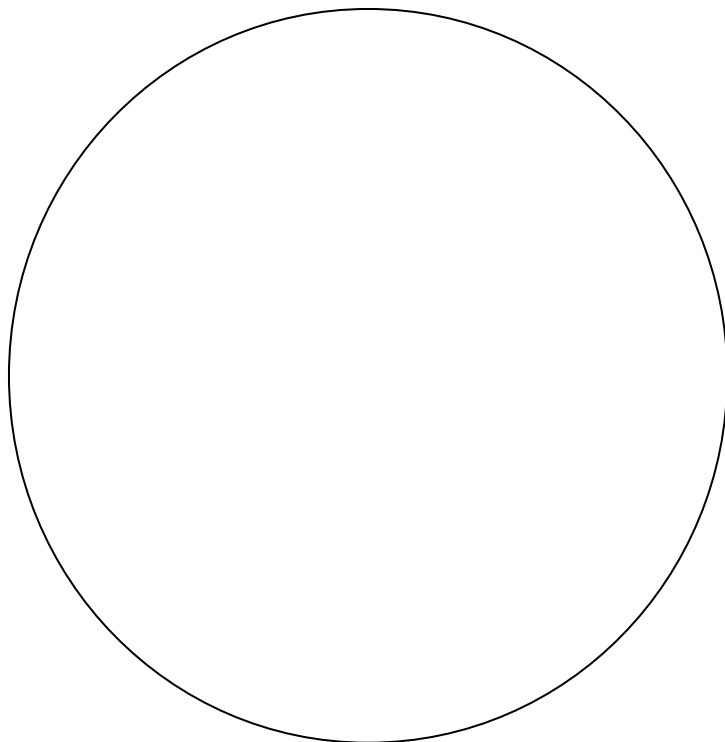
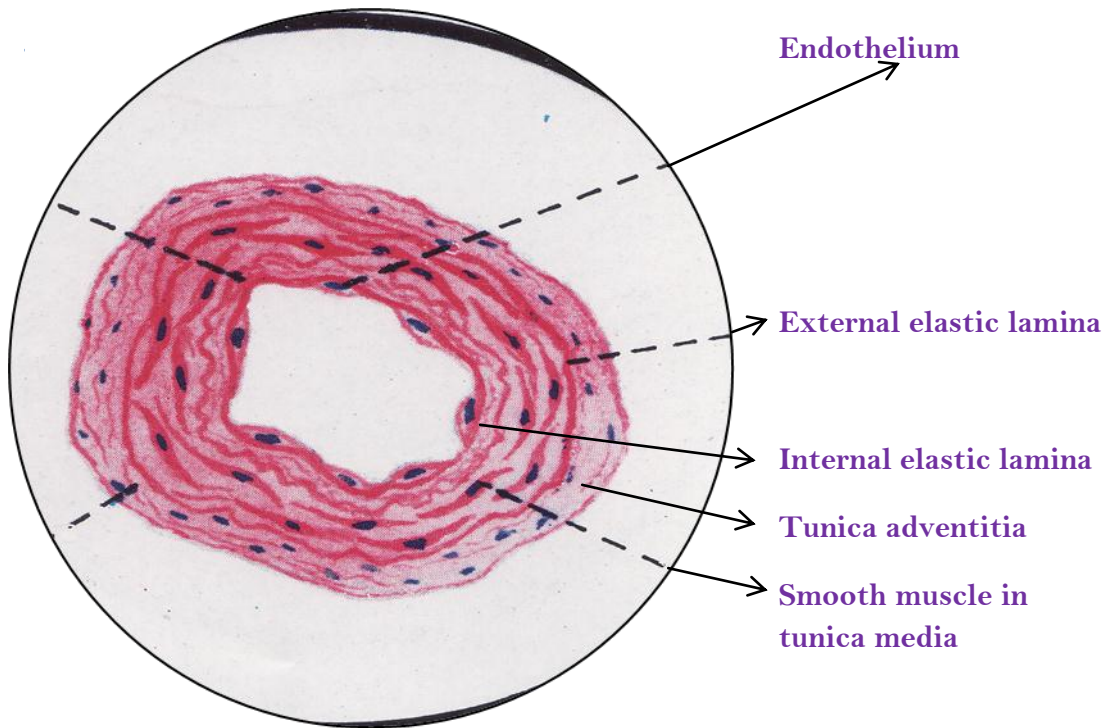
CS1. Elastic Artery



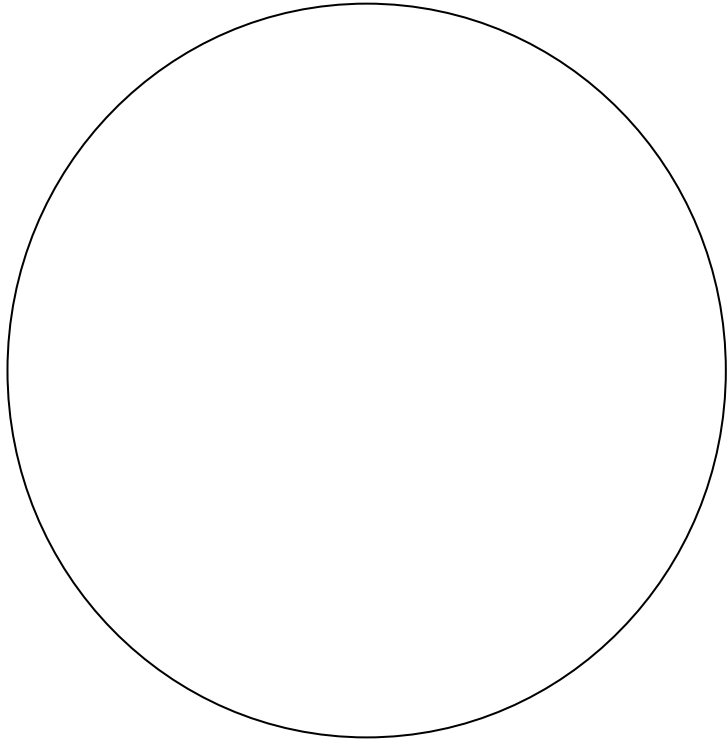
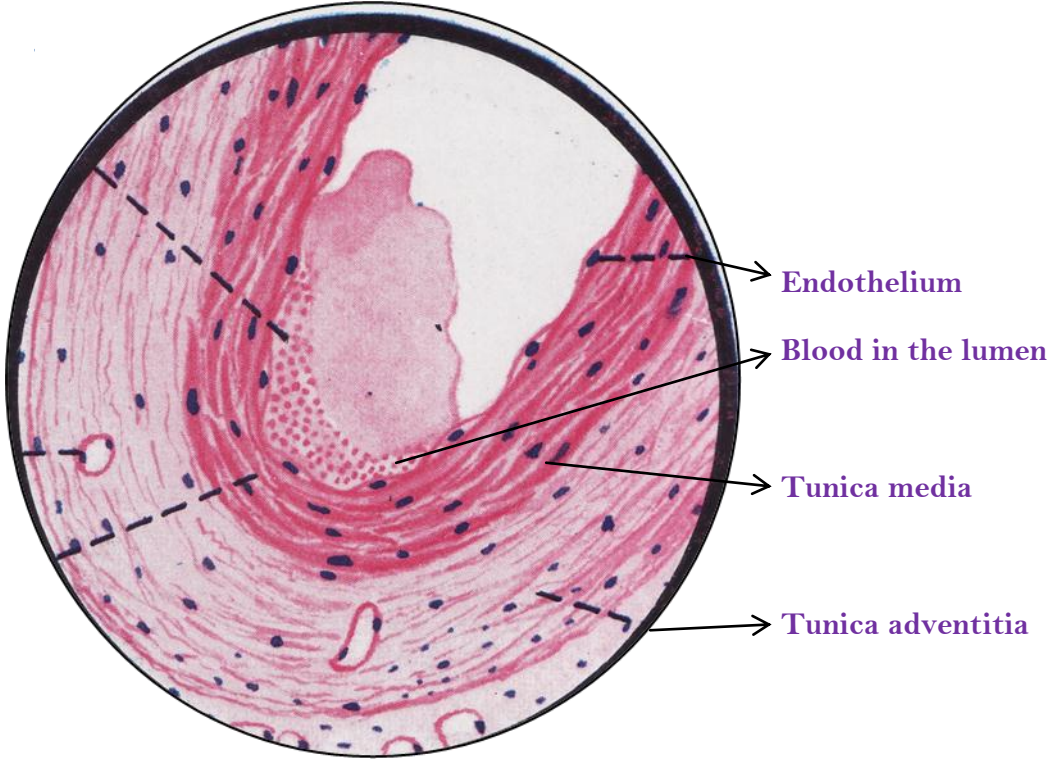
CS2. Muscular Artery



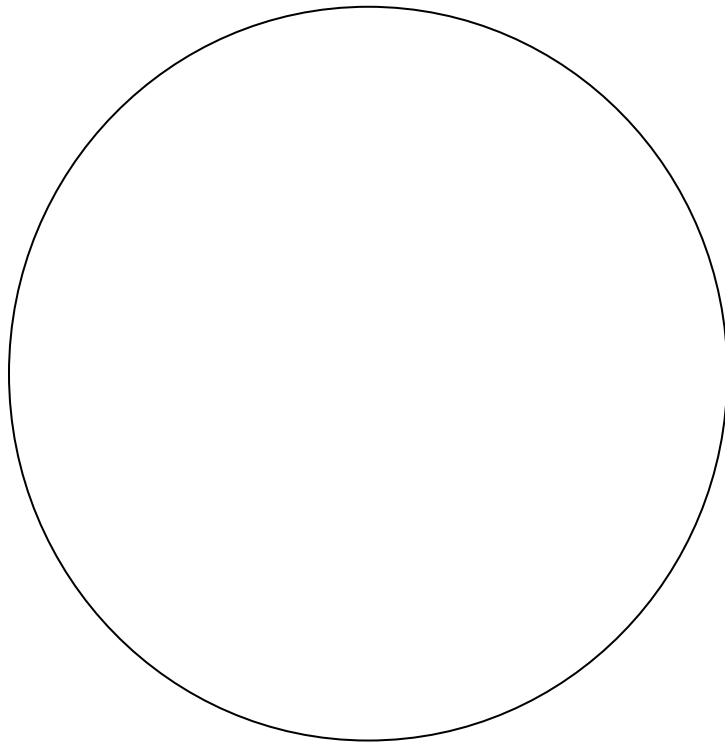
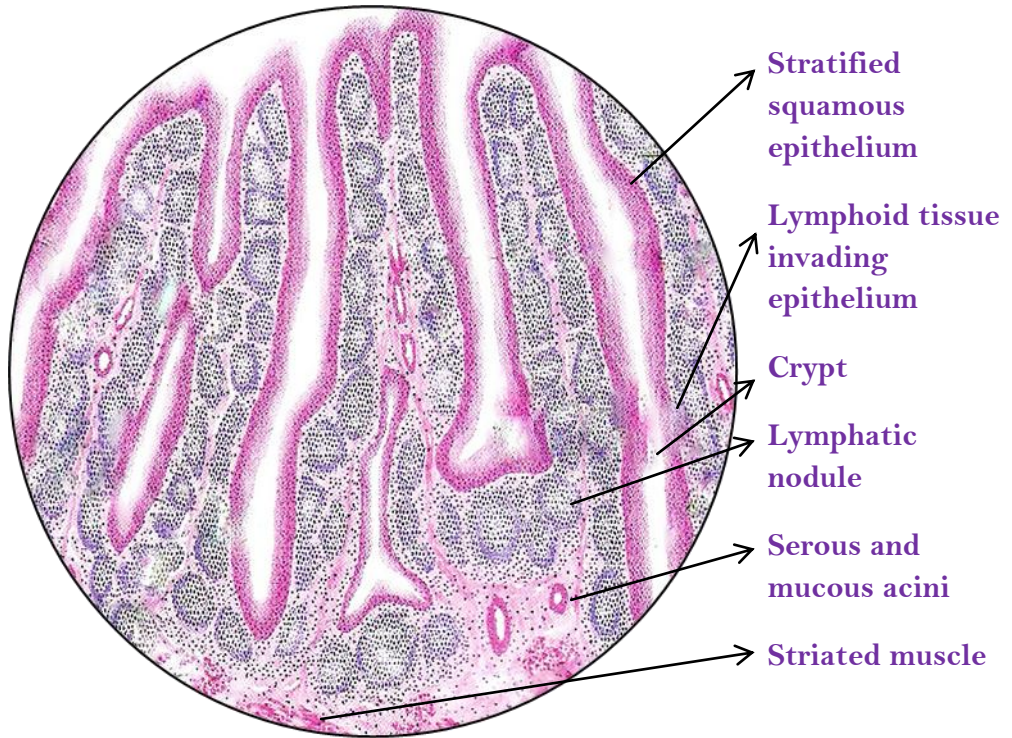
CS3.Arteriole



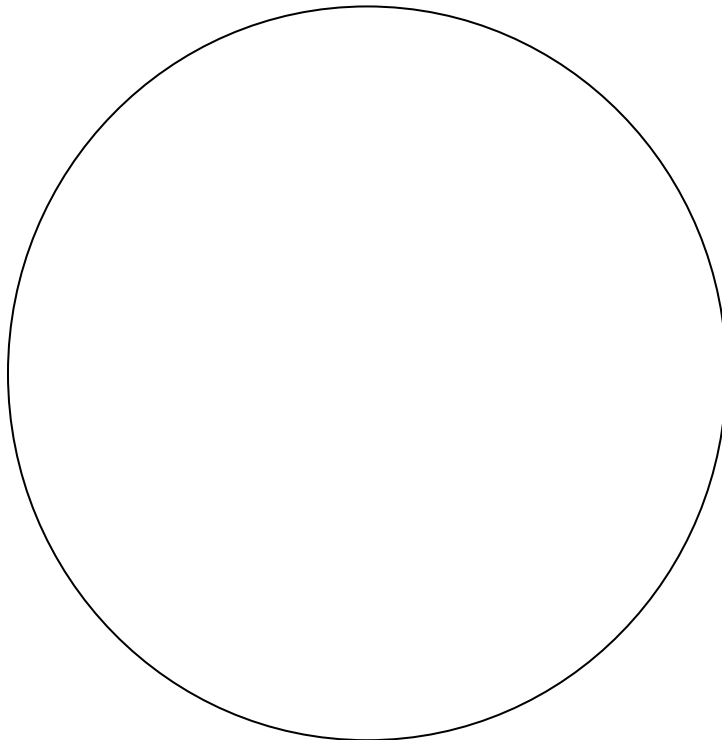
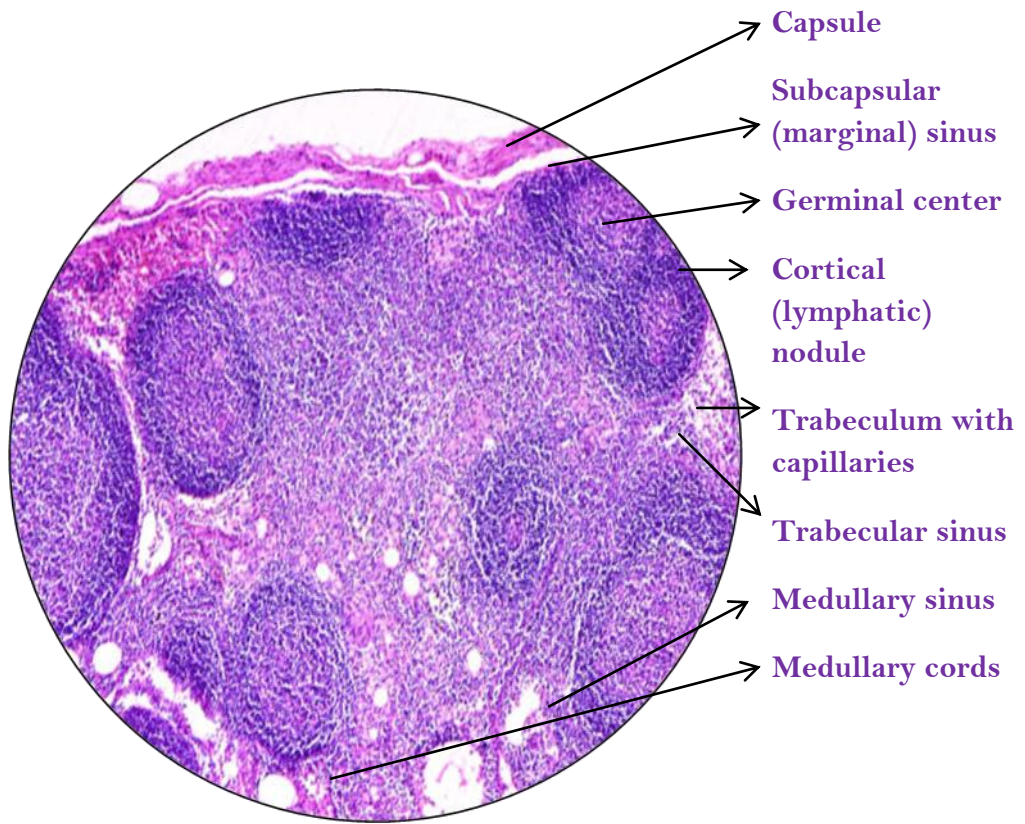
CS4.Large vein



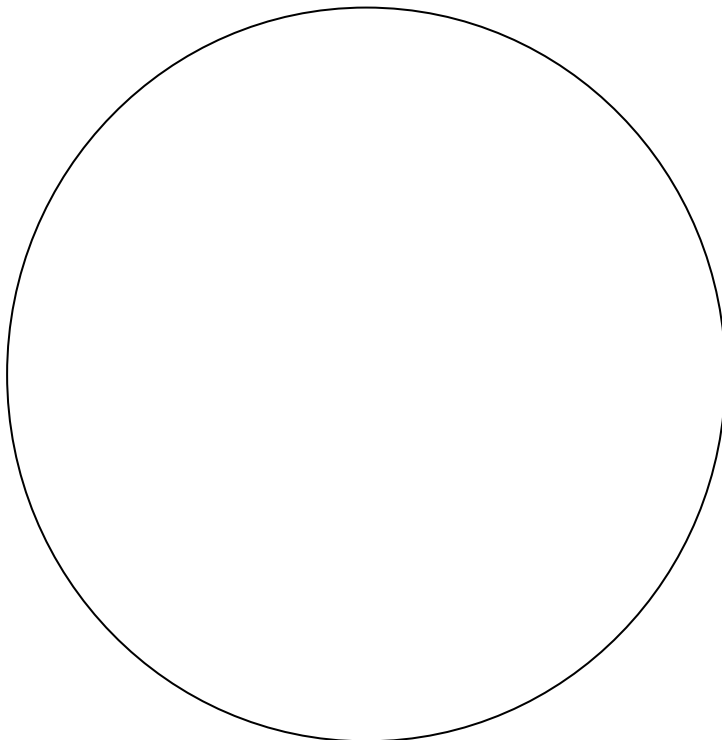
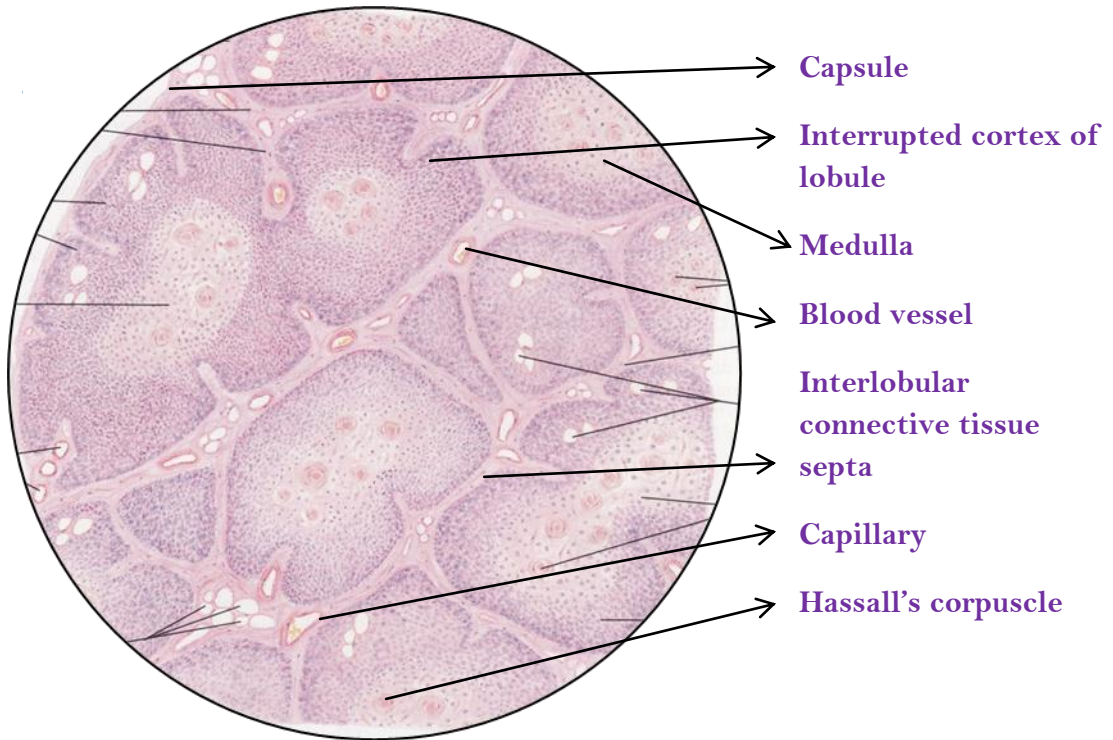
LS1. Palatine Tonsil



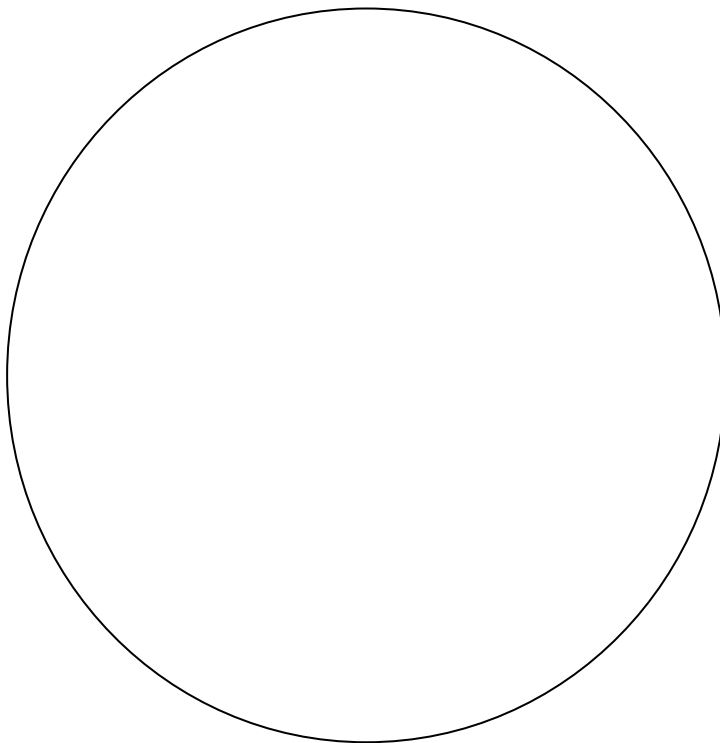
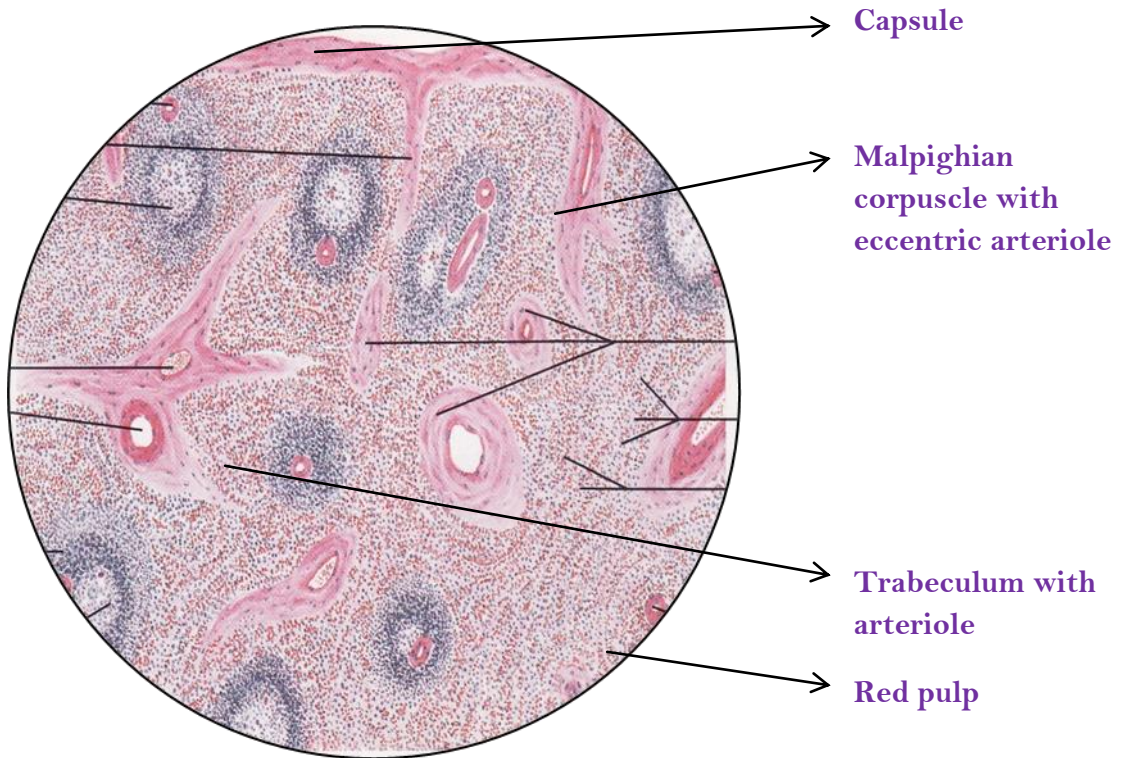
LS2. Lymph Node



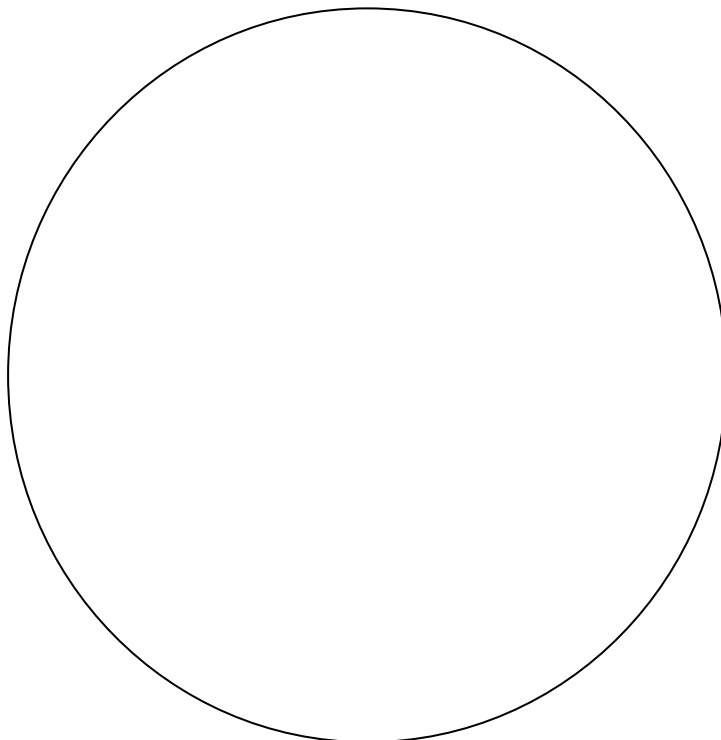
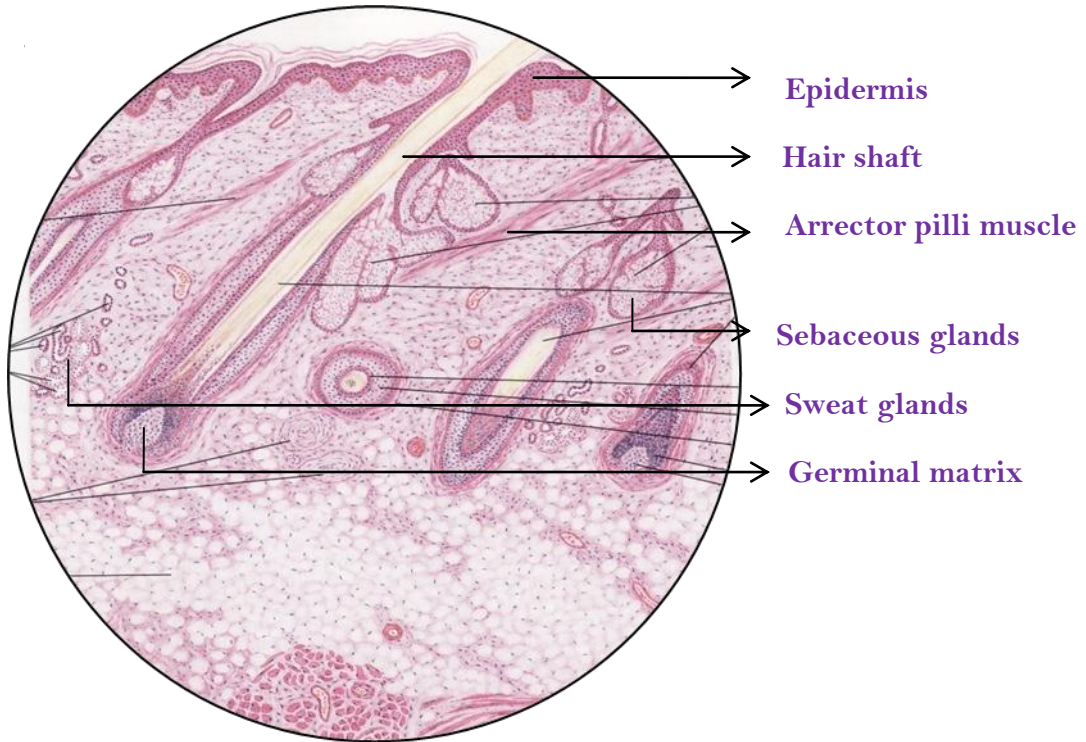
LS3. Thymus



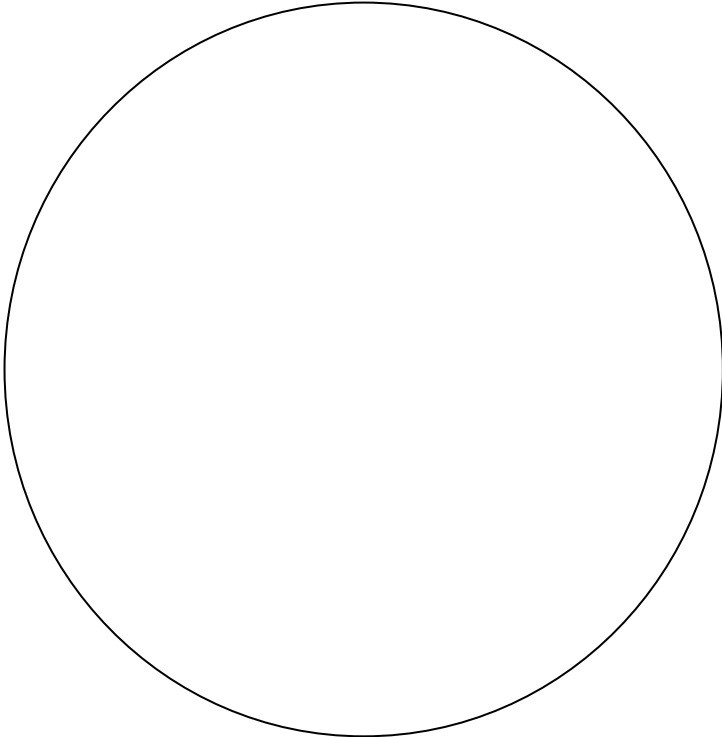
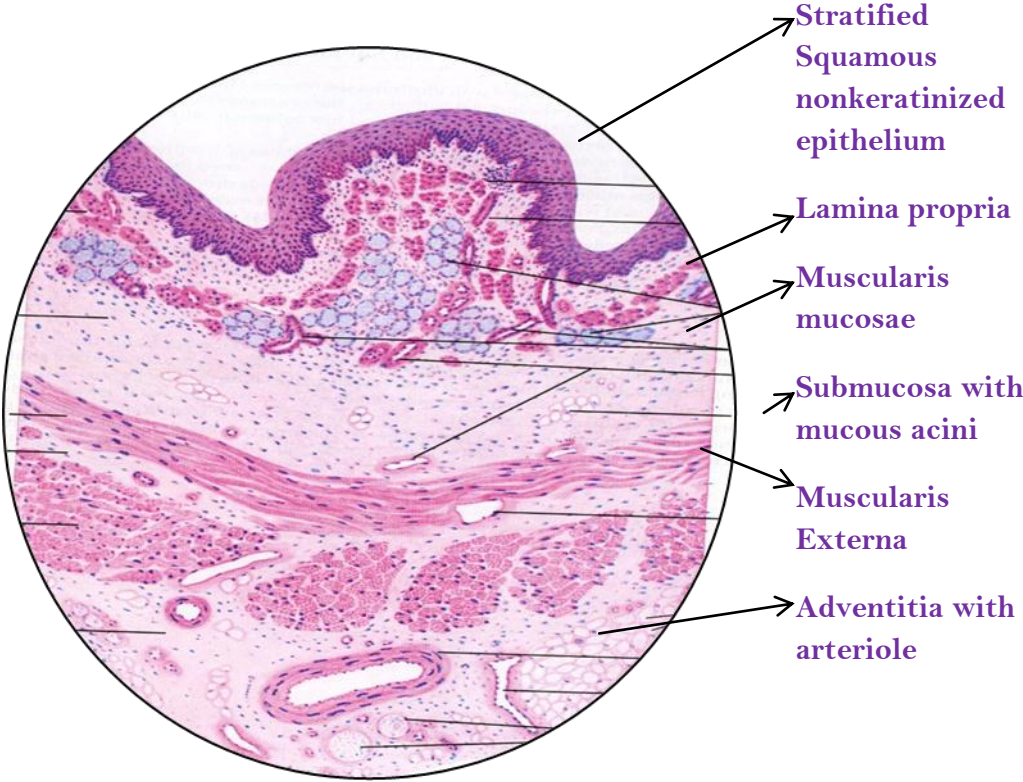
LS4.Spleen



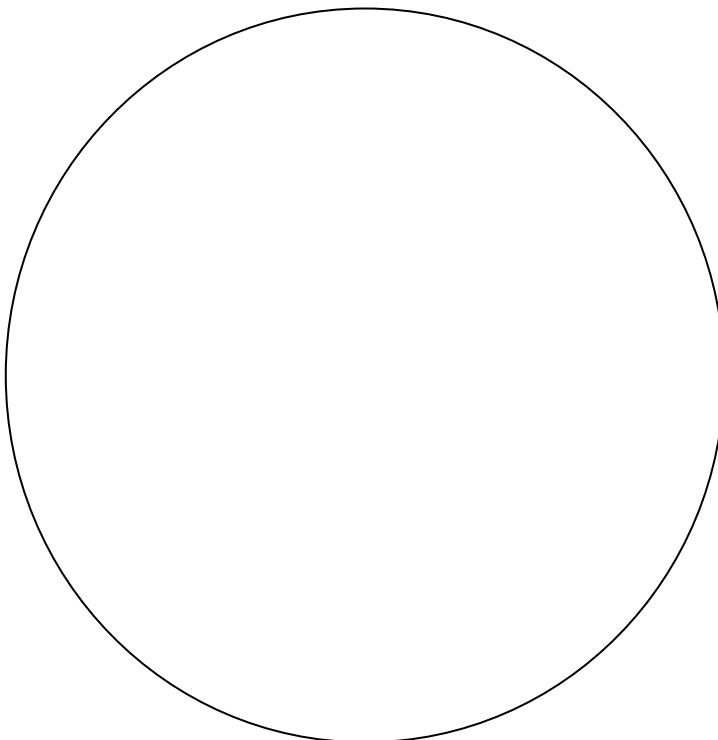
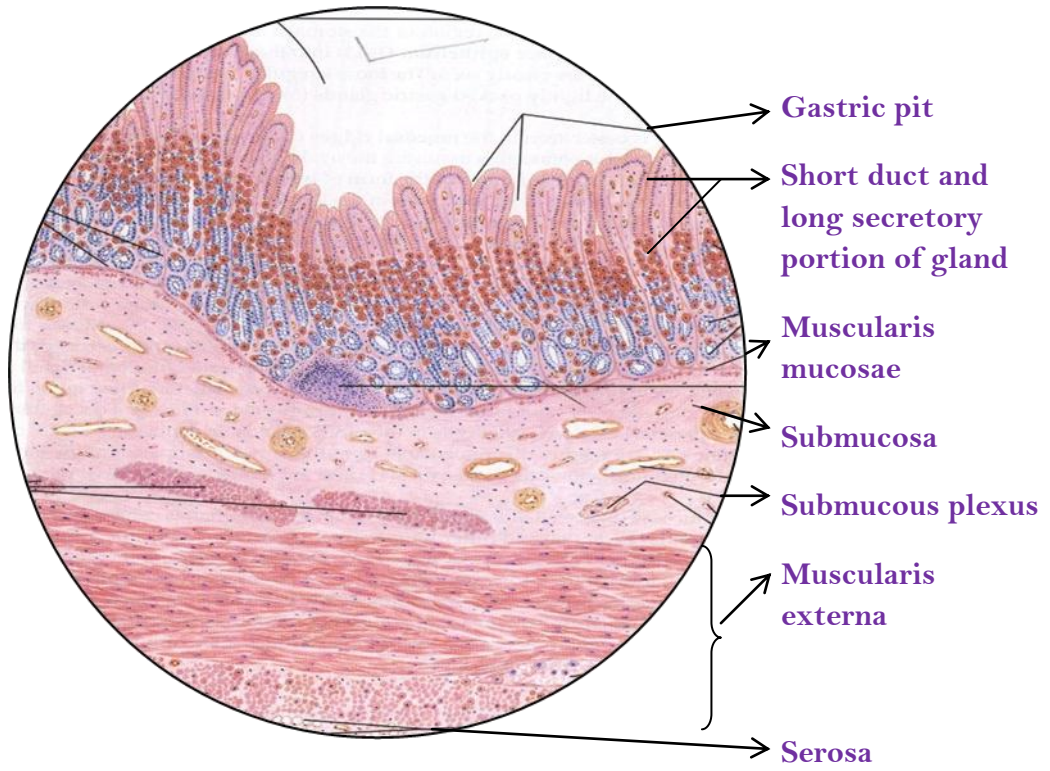
I1. Skin



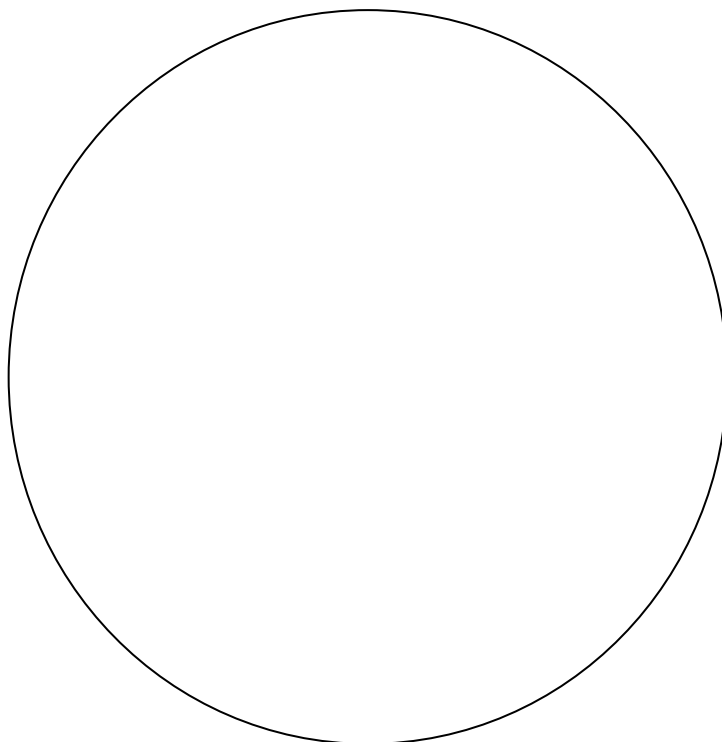
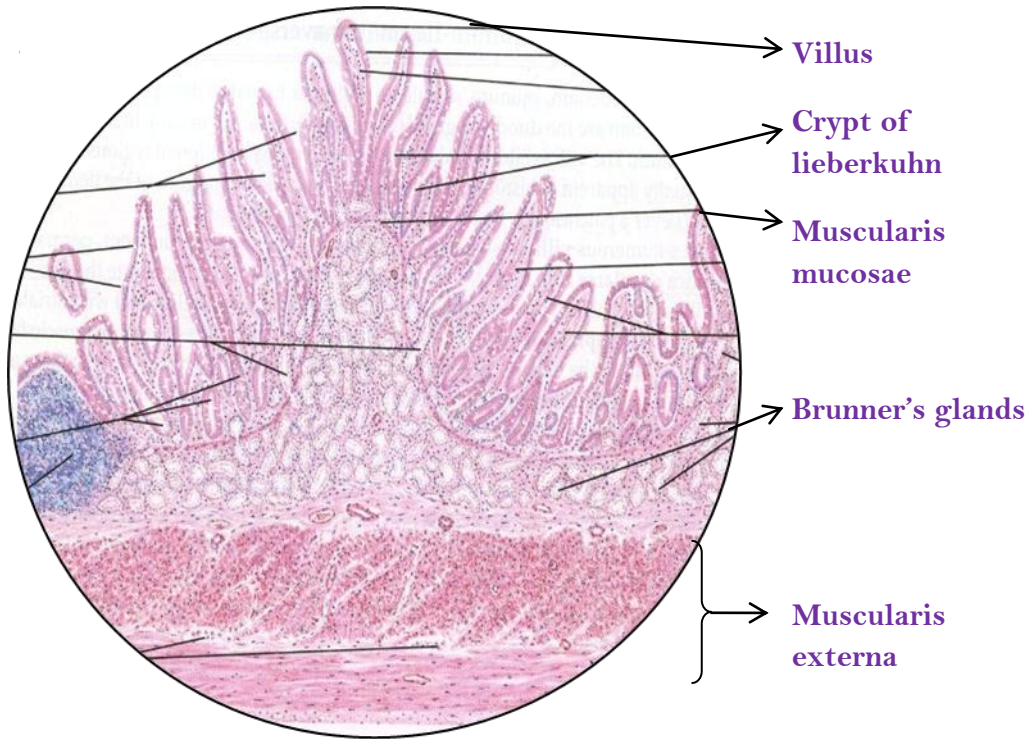
DS1 Esophagus



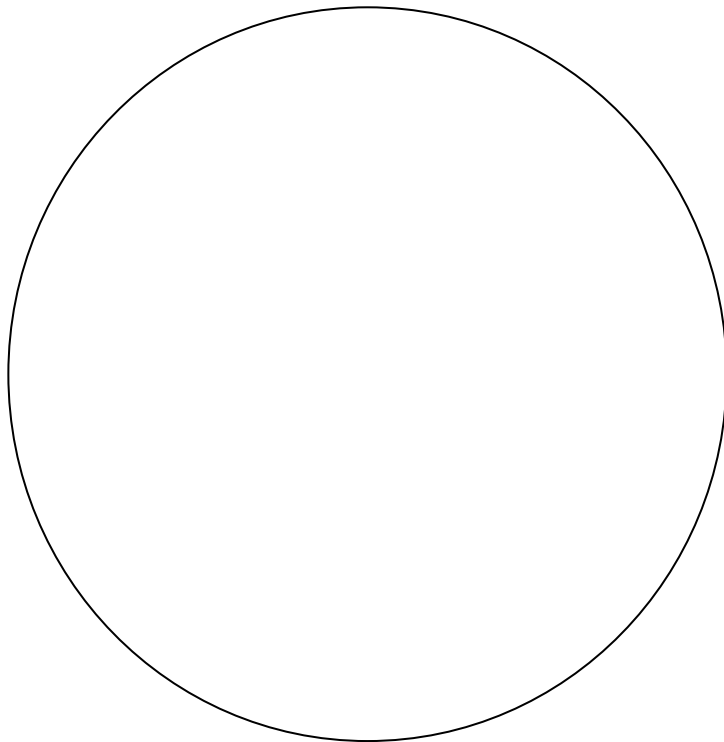
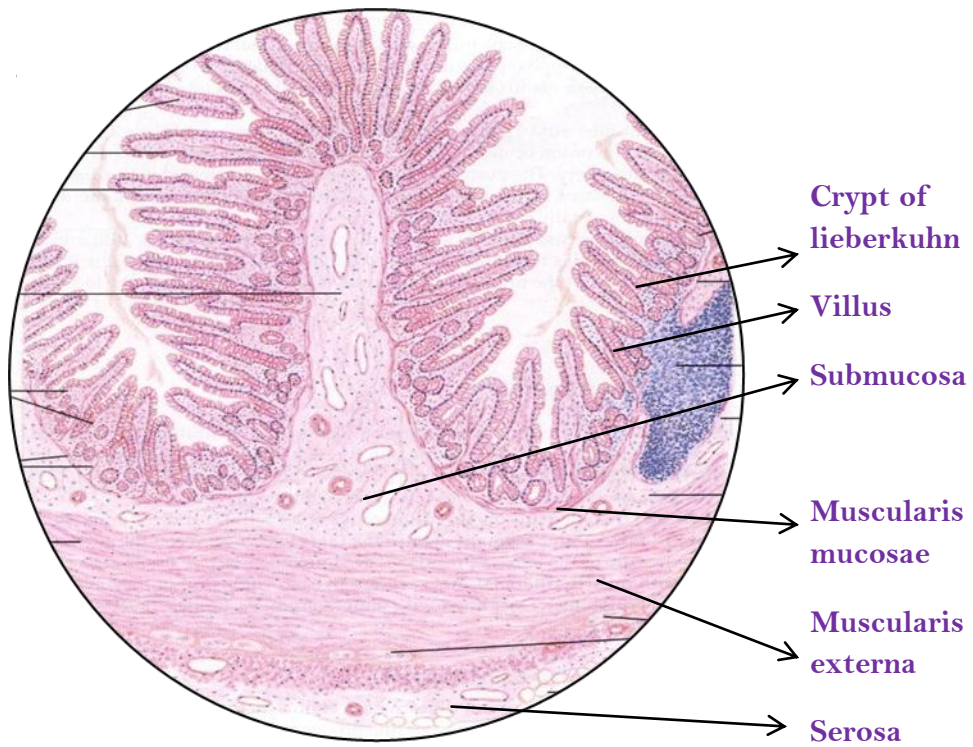
DS2. Stomach



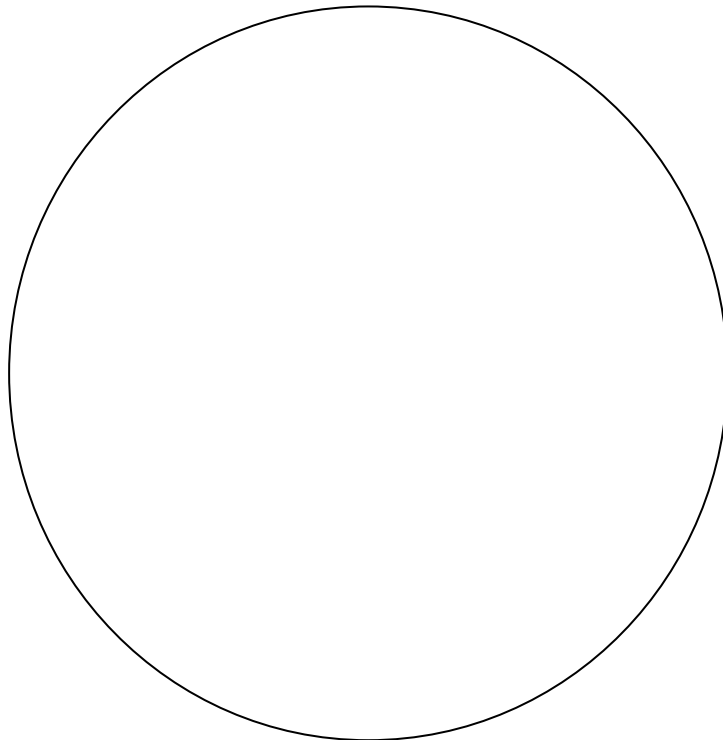
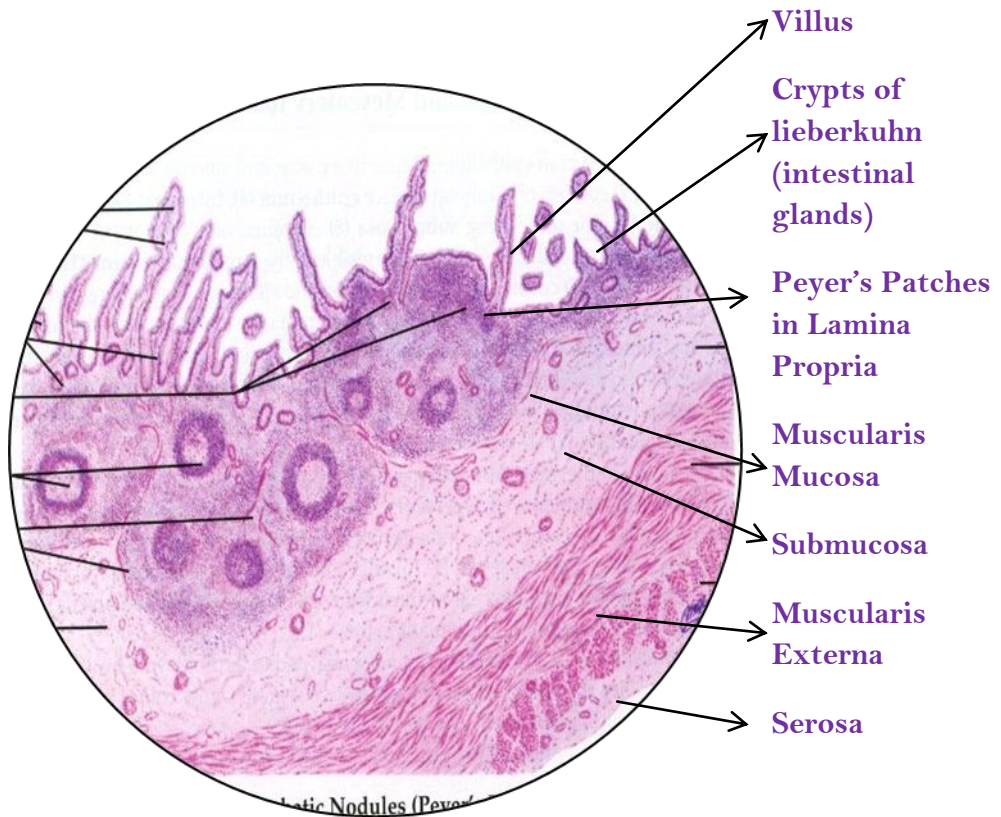
DS3. Duodenum (small intestine)



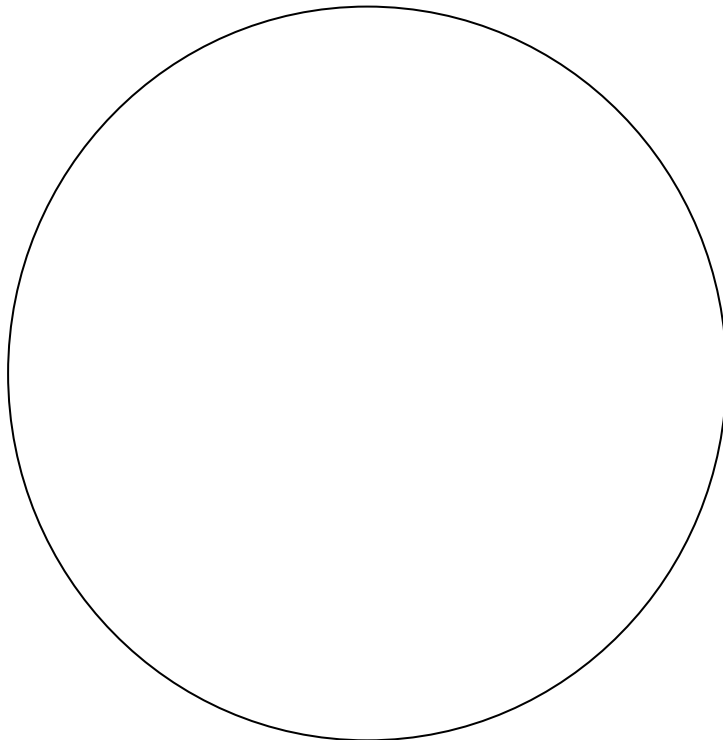
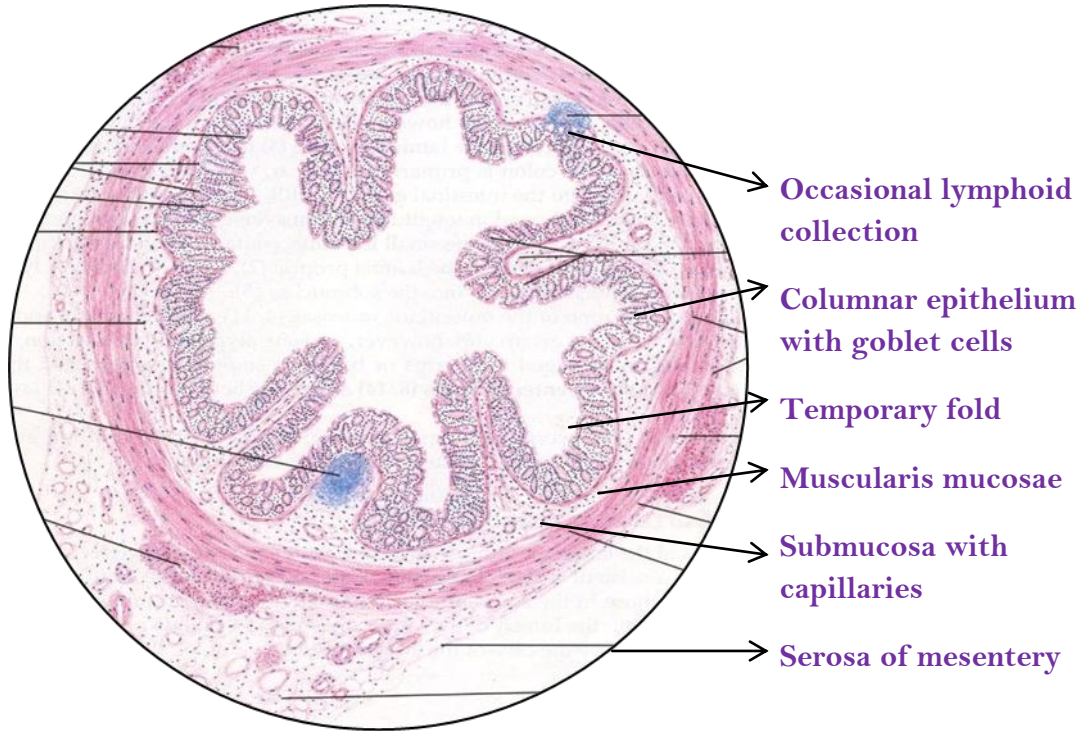
DS4 Jejunum (small intestine)



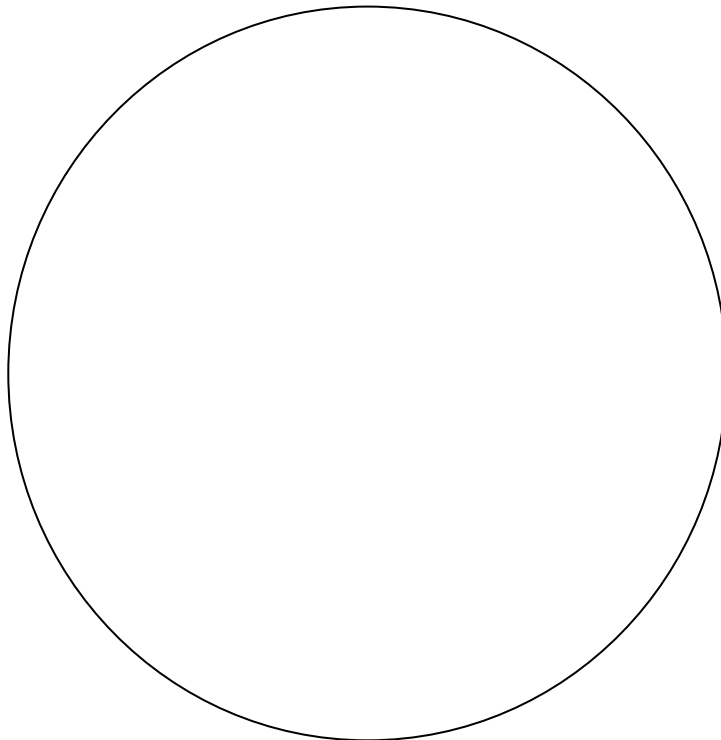
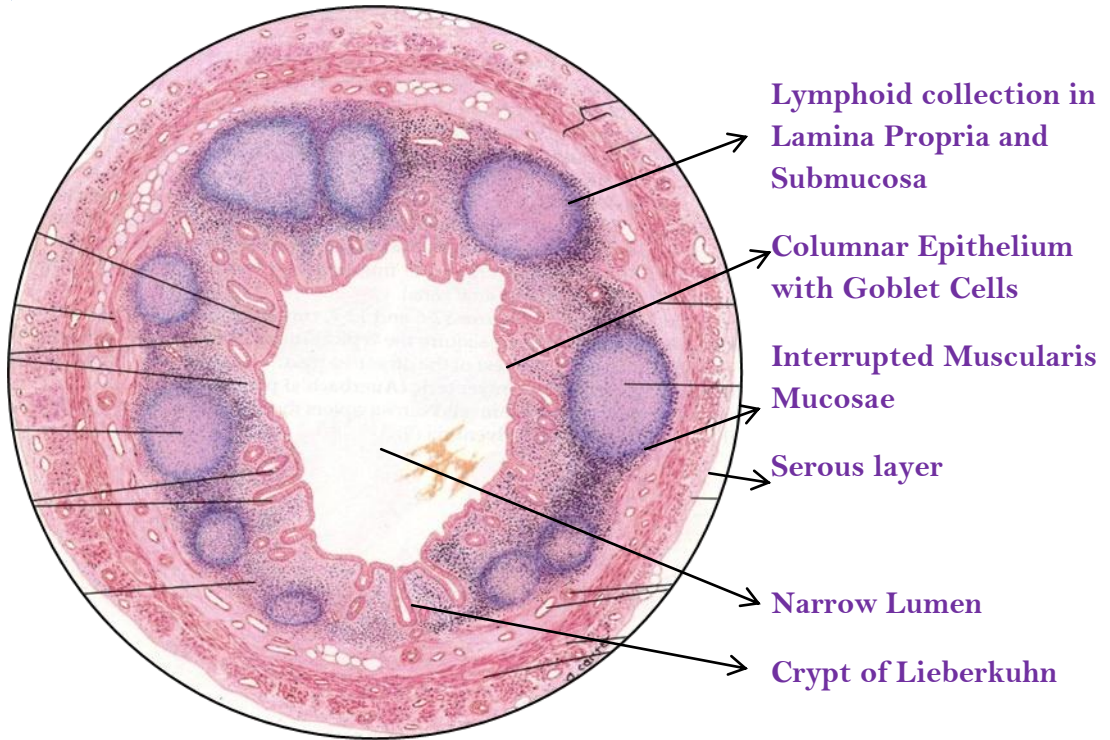
DS5. Ilium (small intestine)



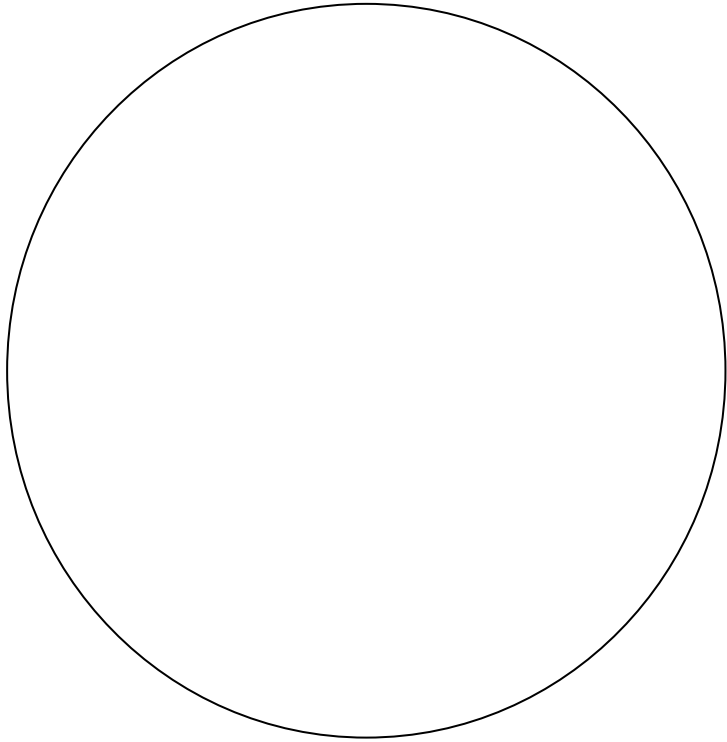
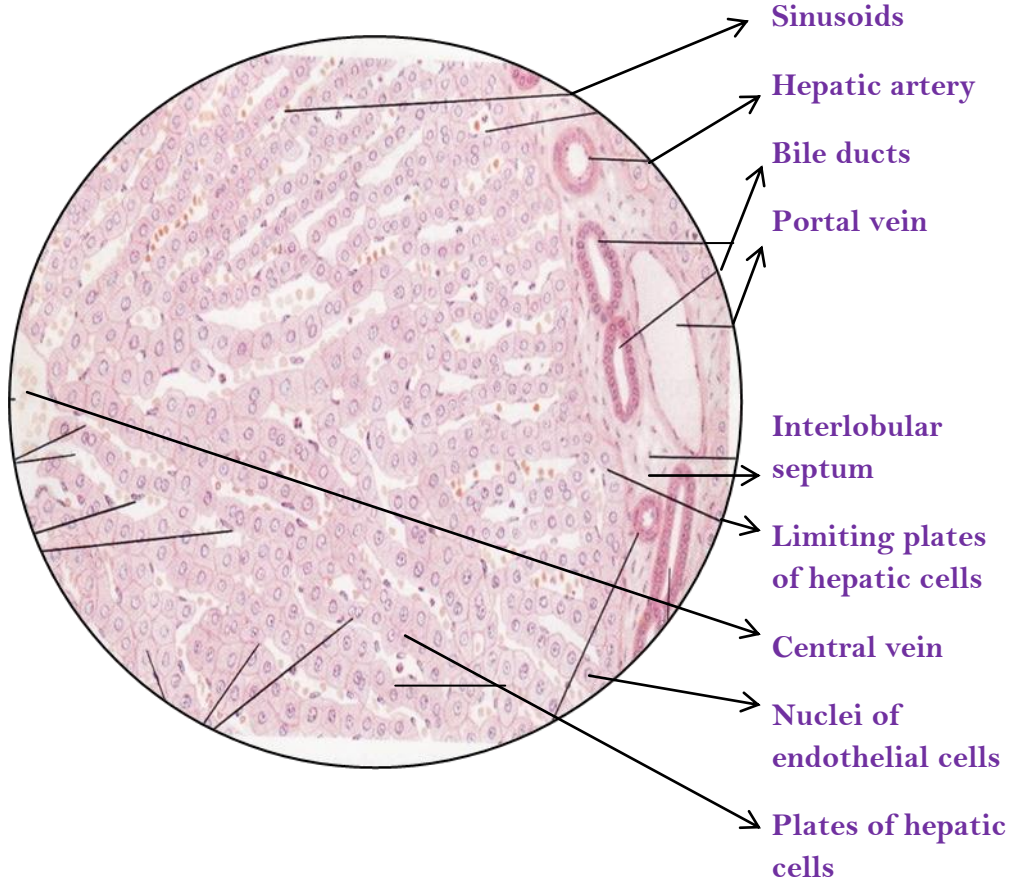
DS6. Colon (large intestine)



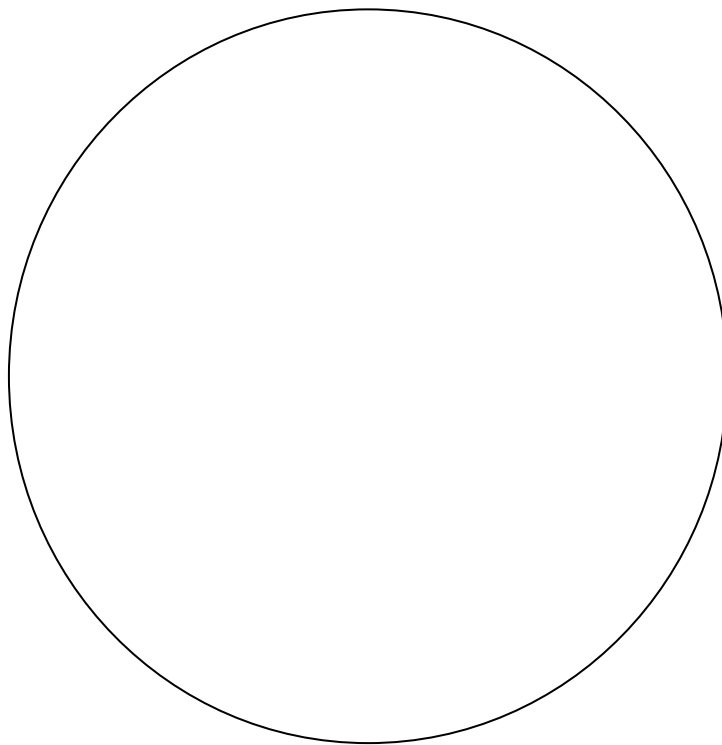
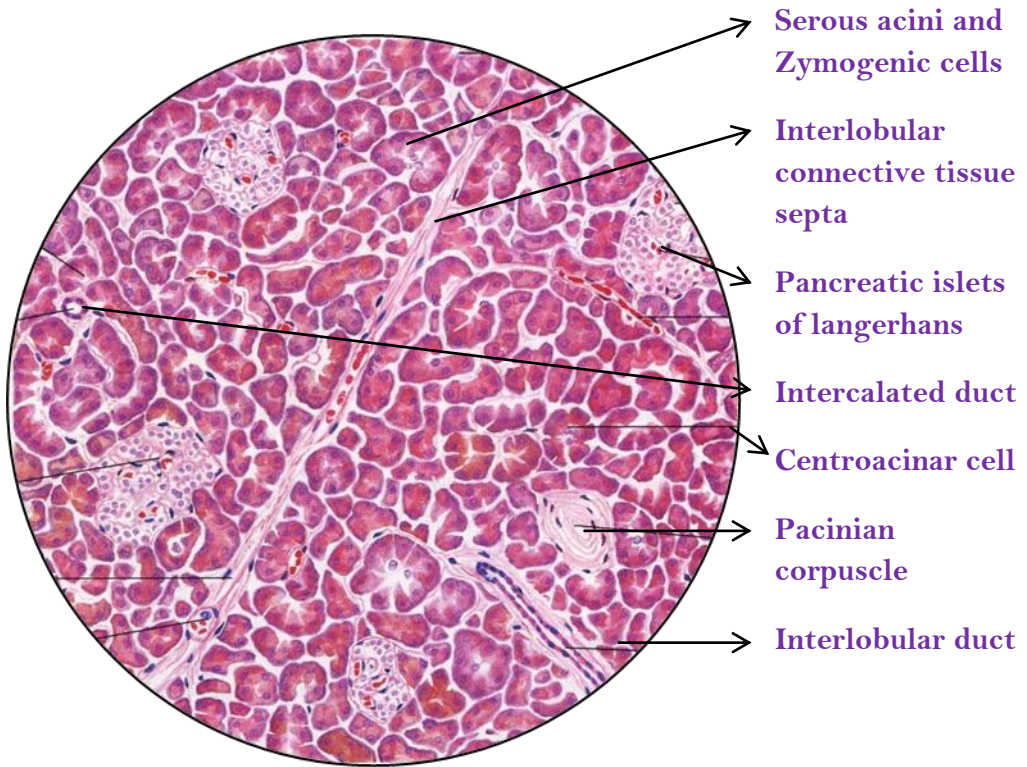
DS7.Appendix



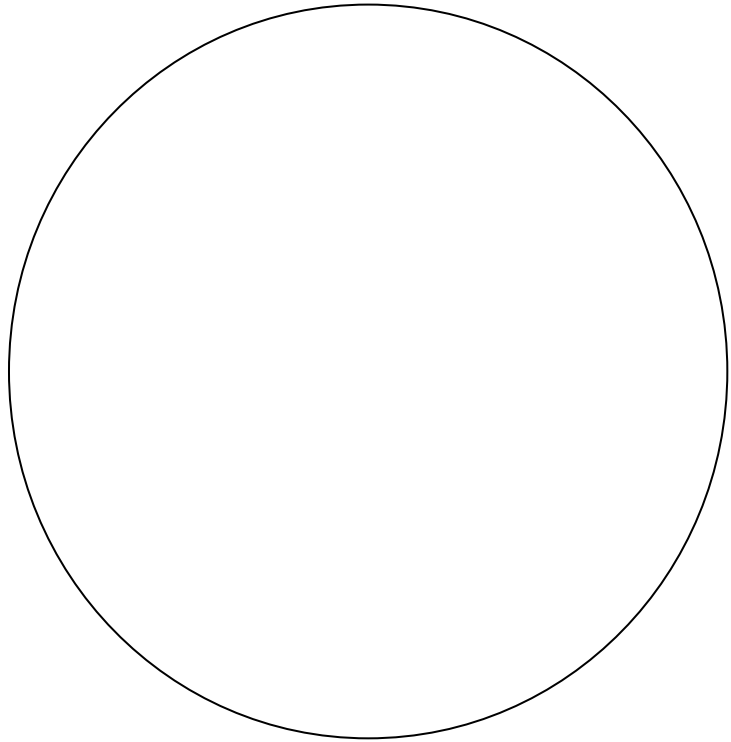
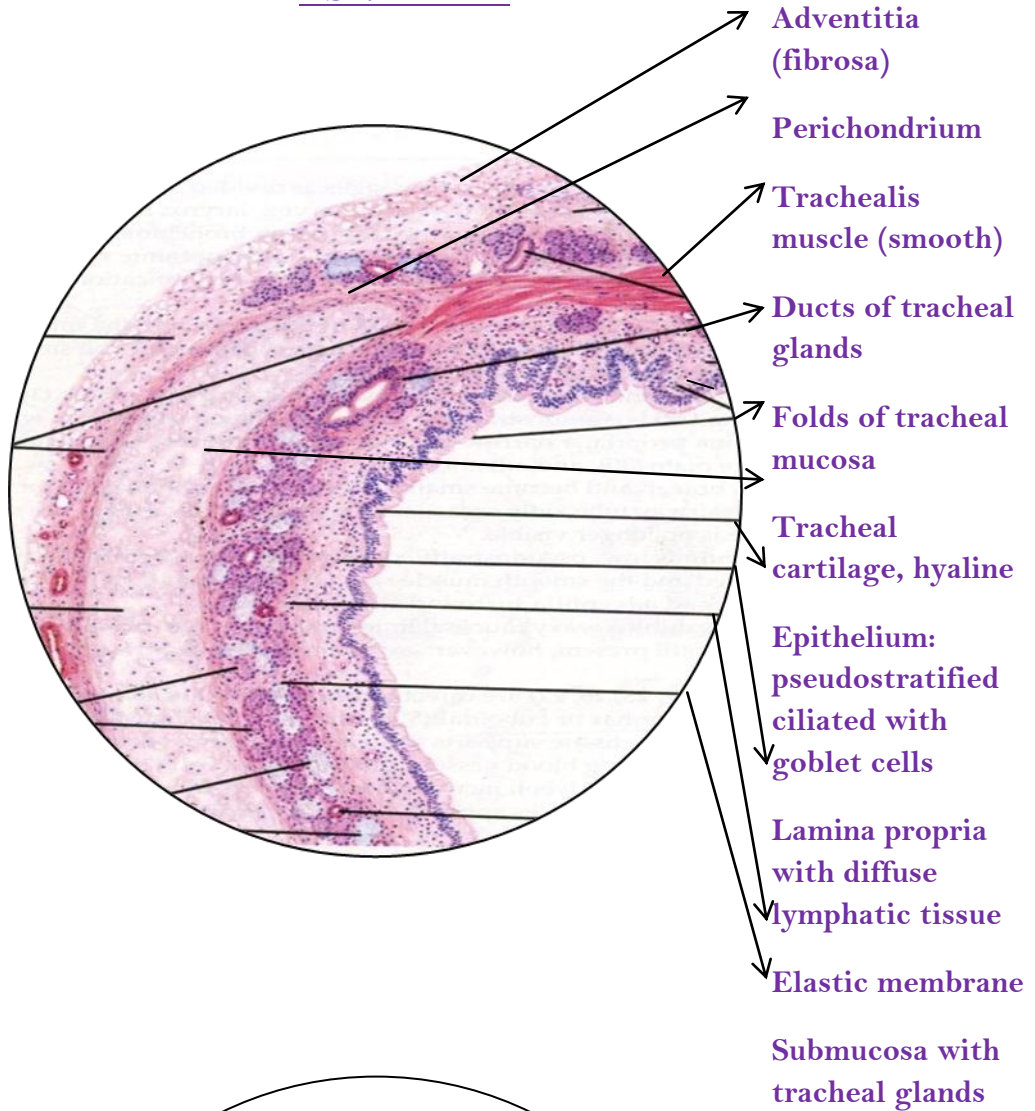
DS8.Liver



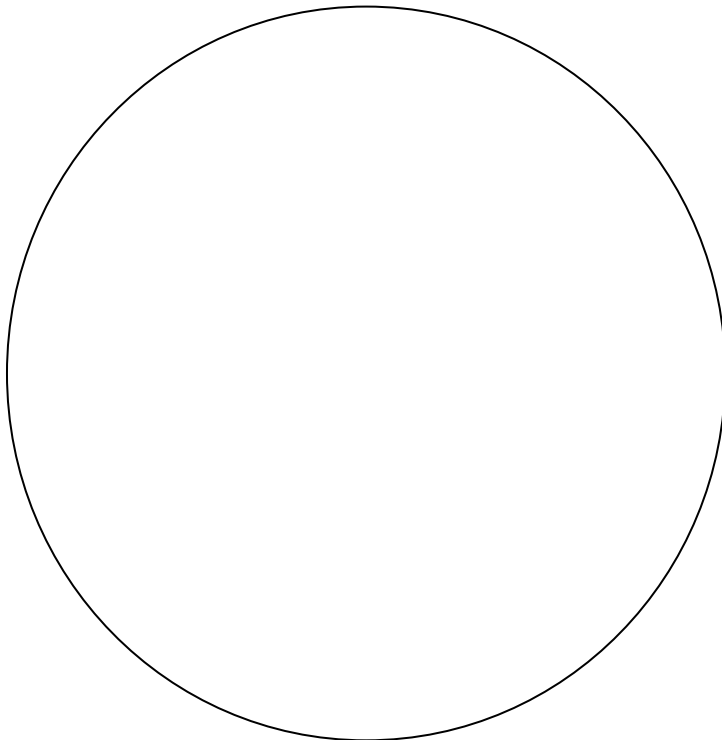
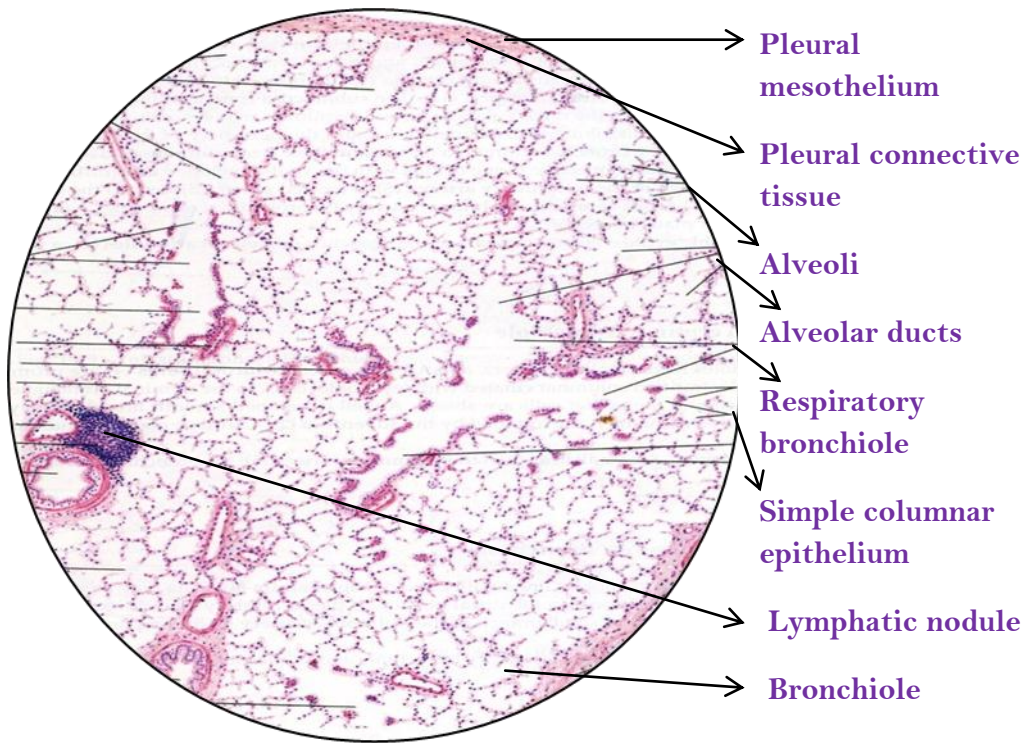
DS9.Pancreas



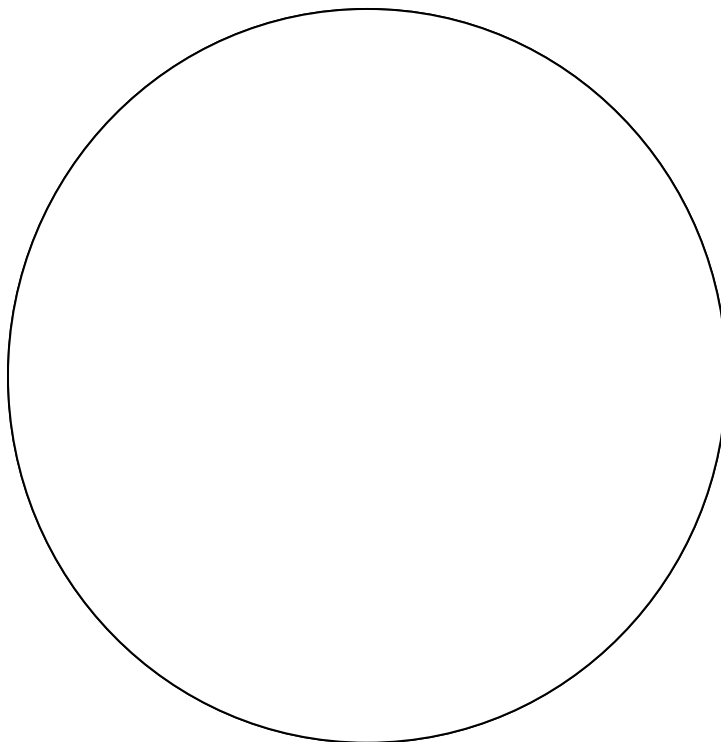
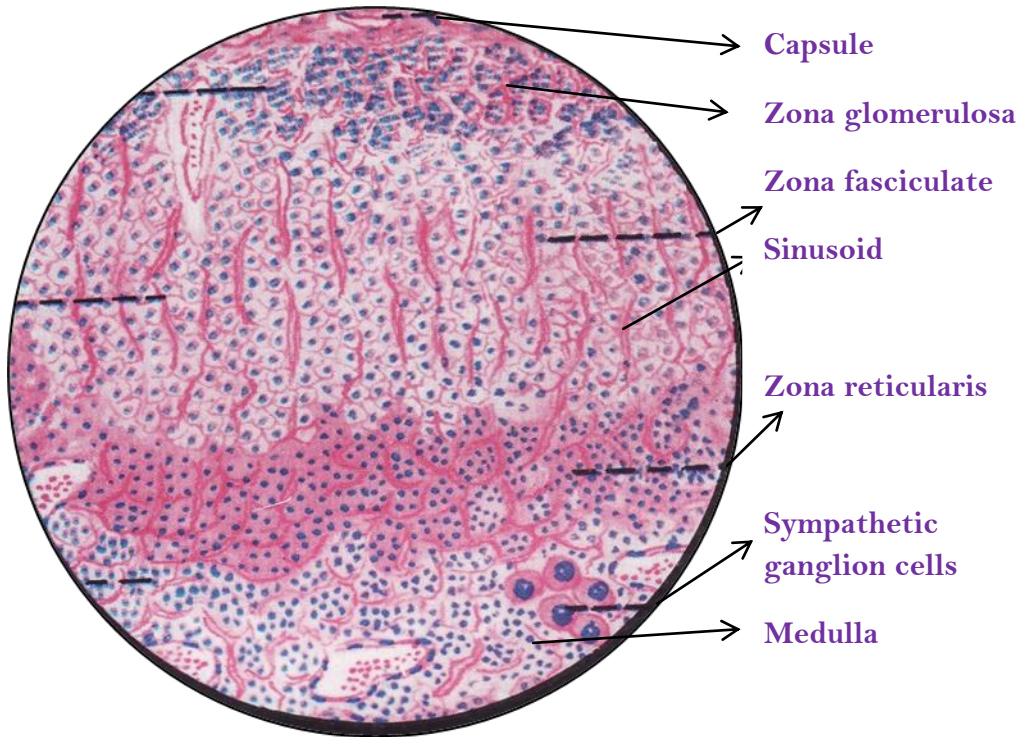
RS1.Trachea



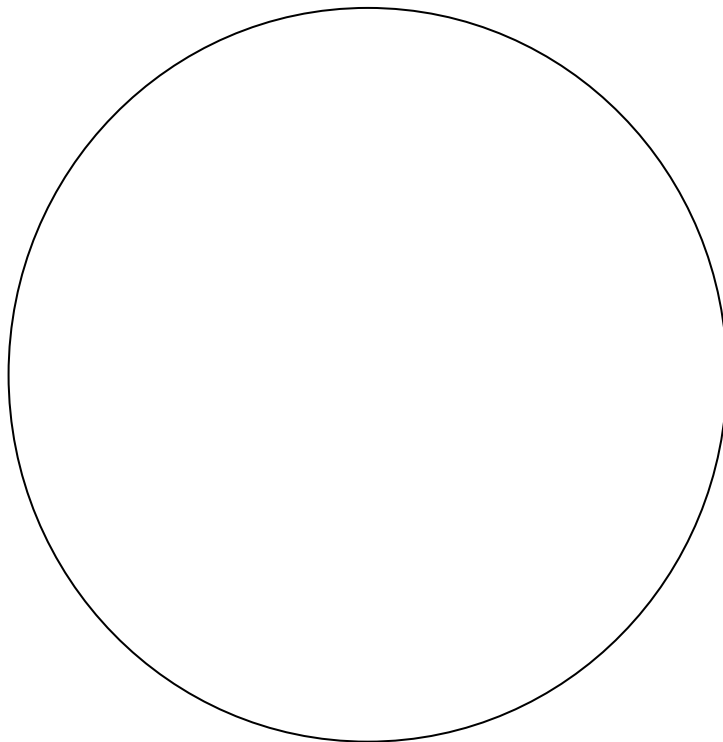
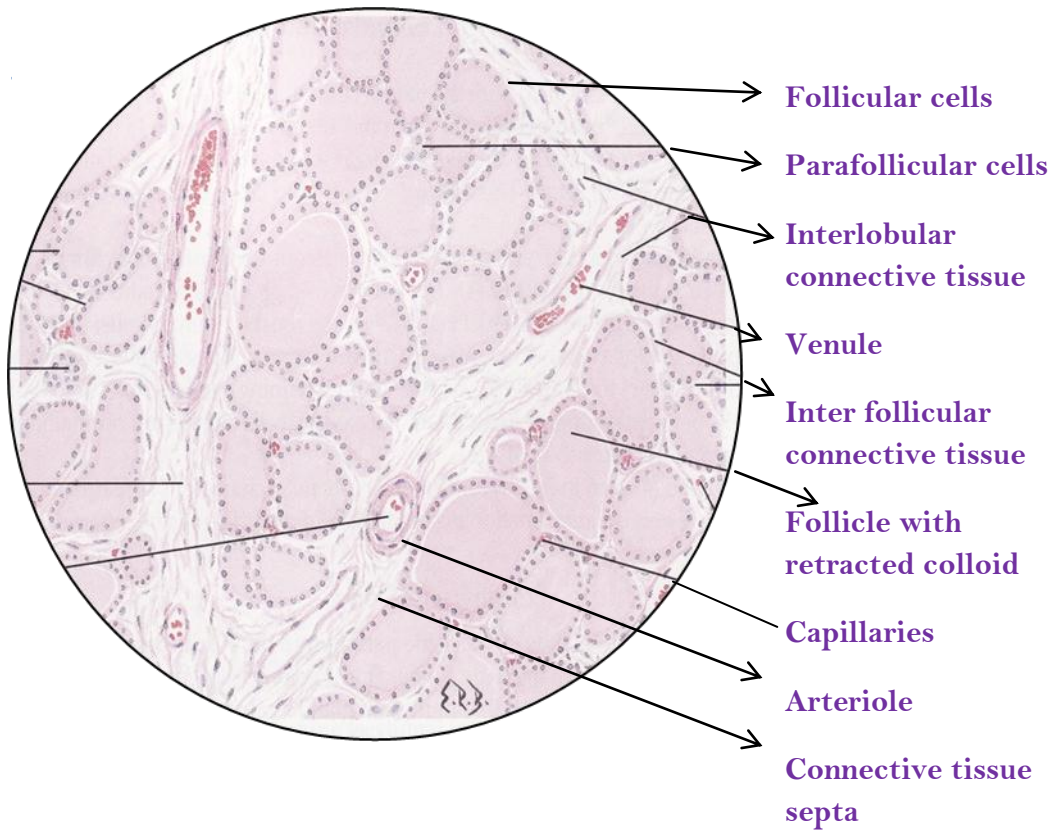
RS2.Lung



ES1.Adrenal gland



ES2. Thyroid gland



US1.Kidney

