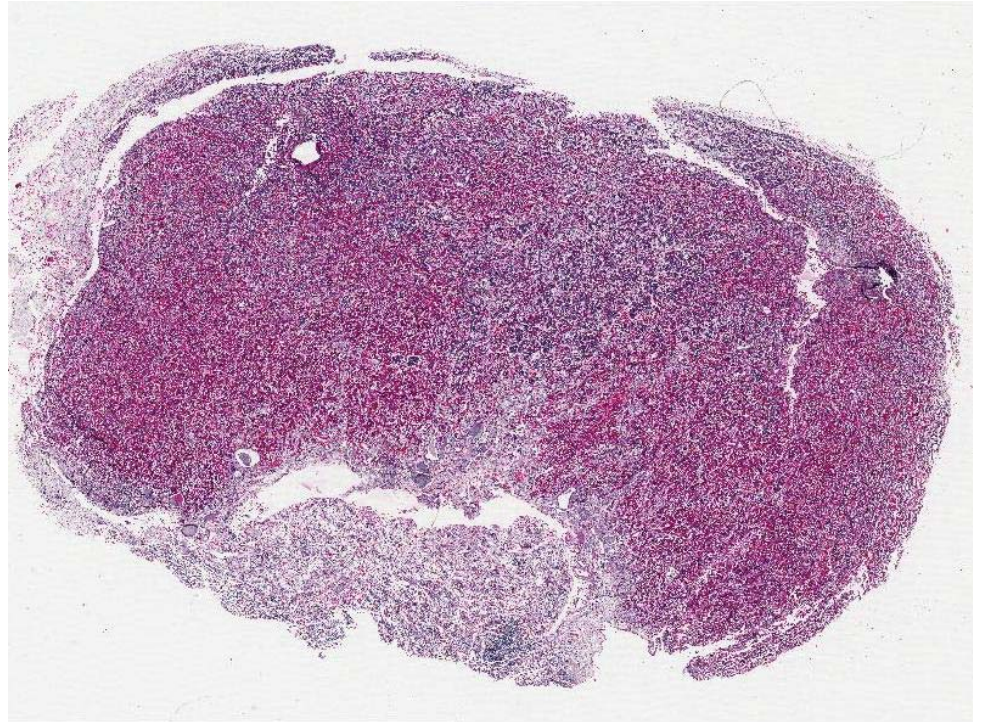
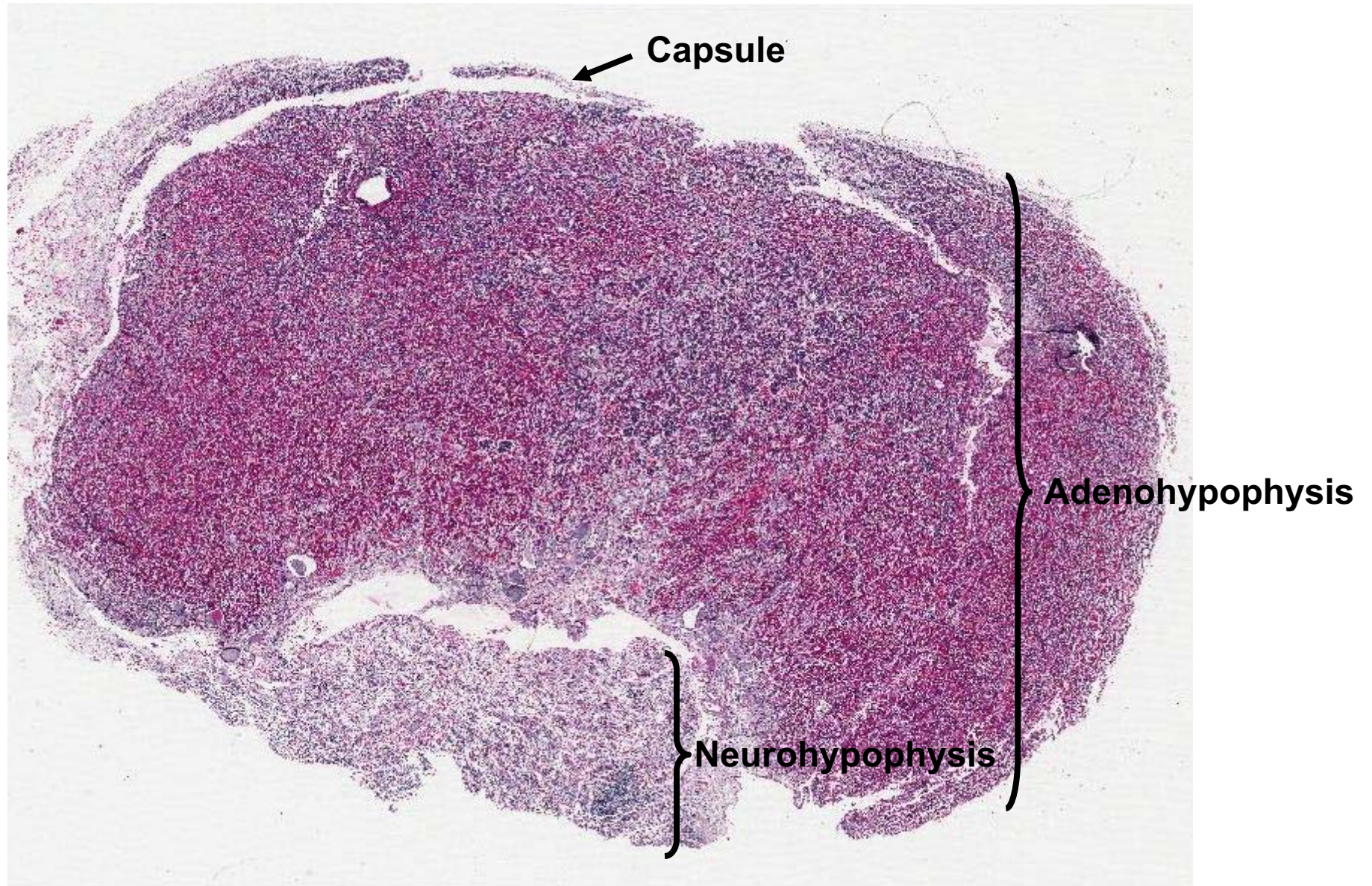


Pituitary



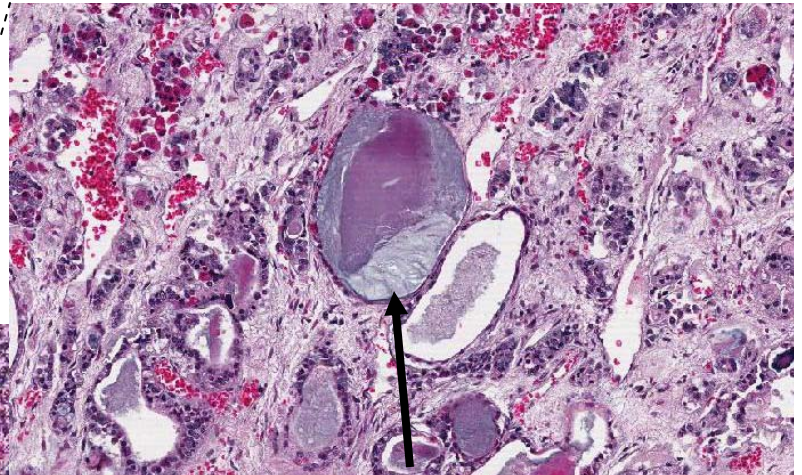
Pituitary



Pituitary

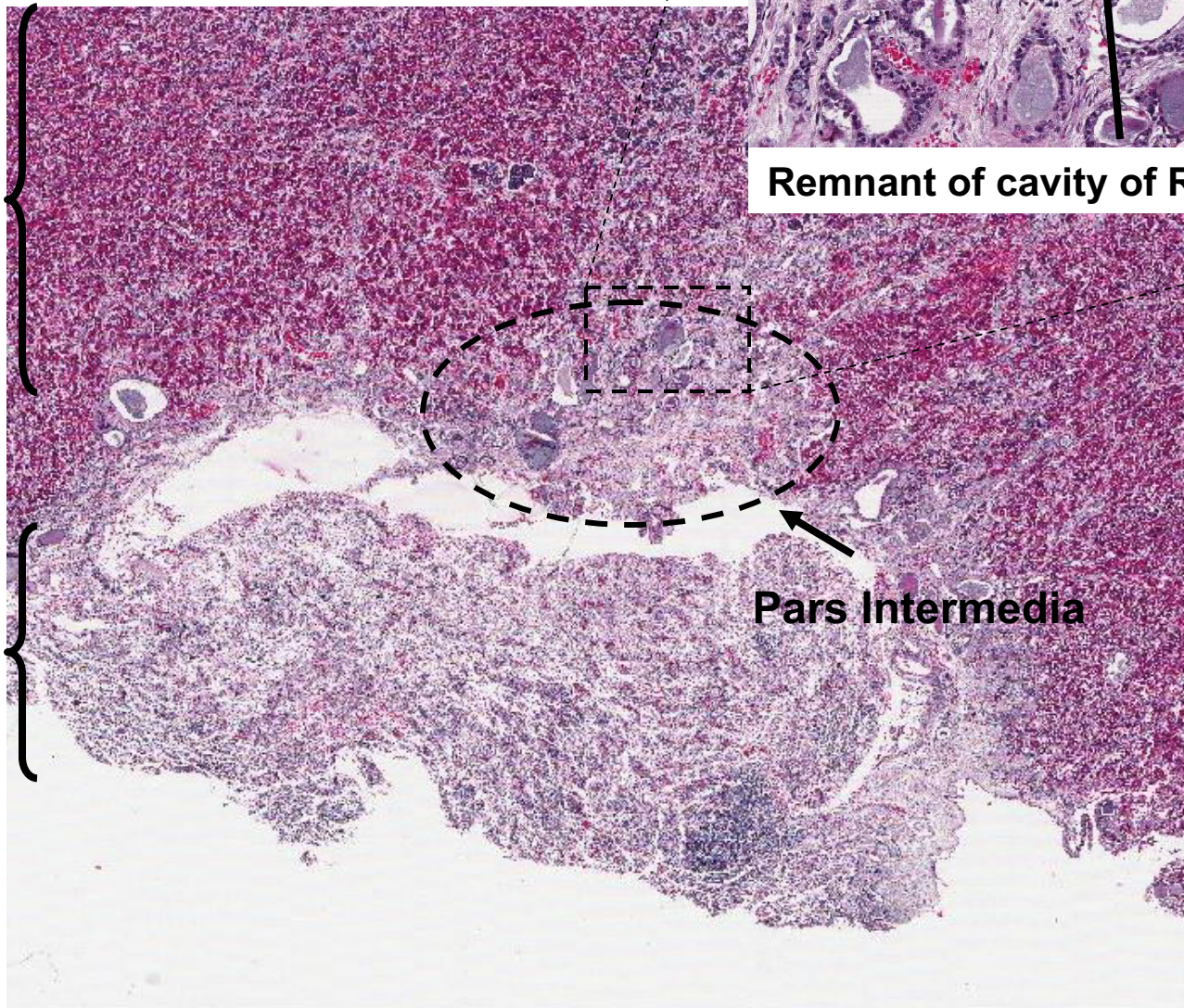
Adeno-
hypophysis

Neuro-
hypophysis

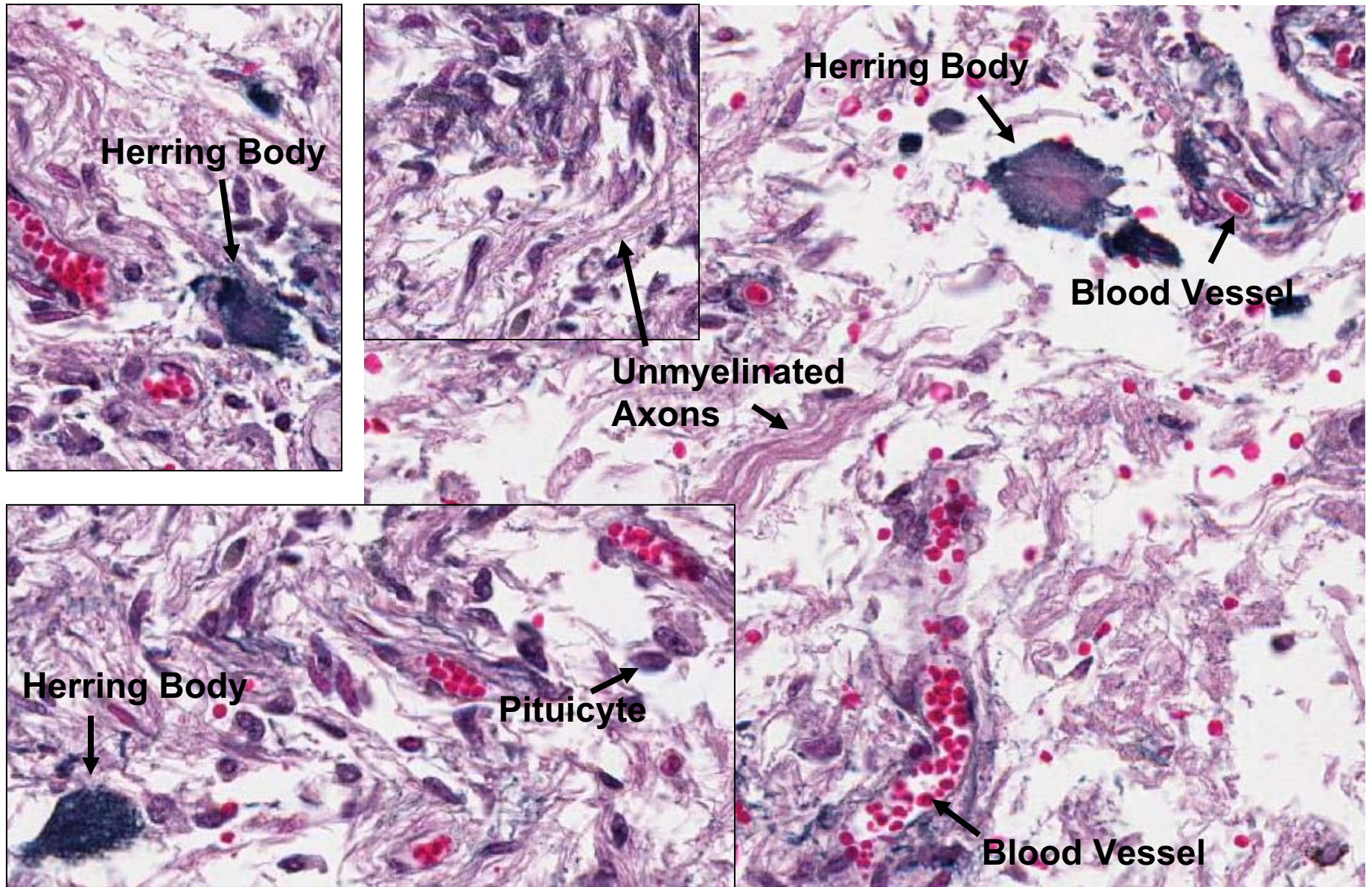


Remnant of cavity of Rathke's Pouch

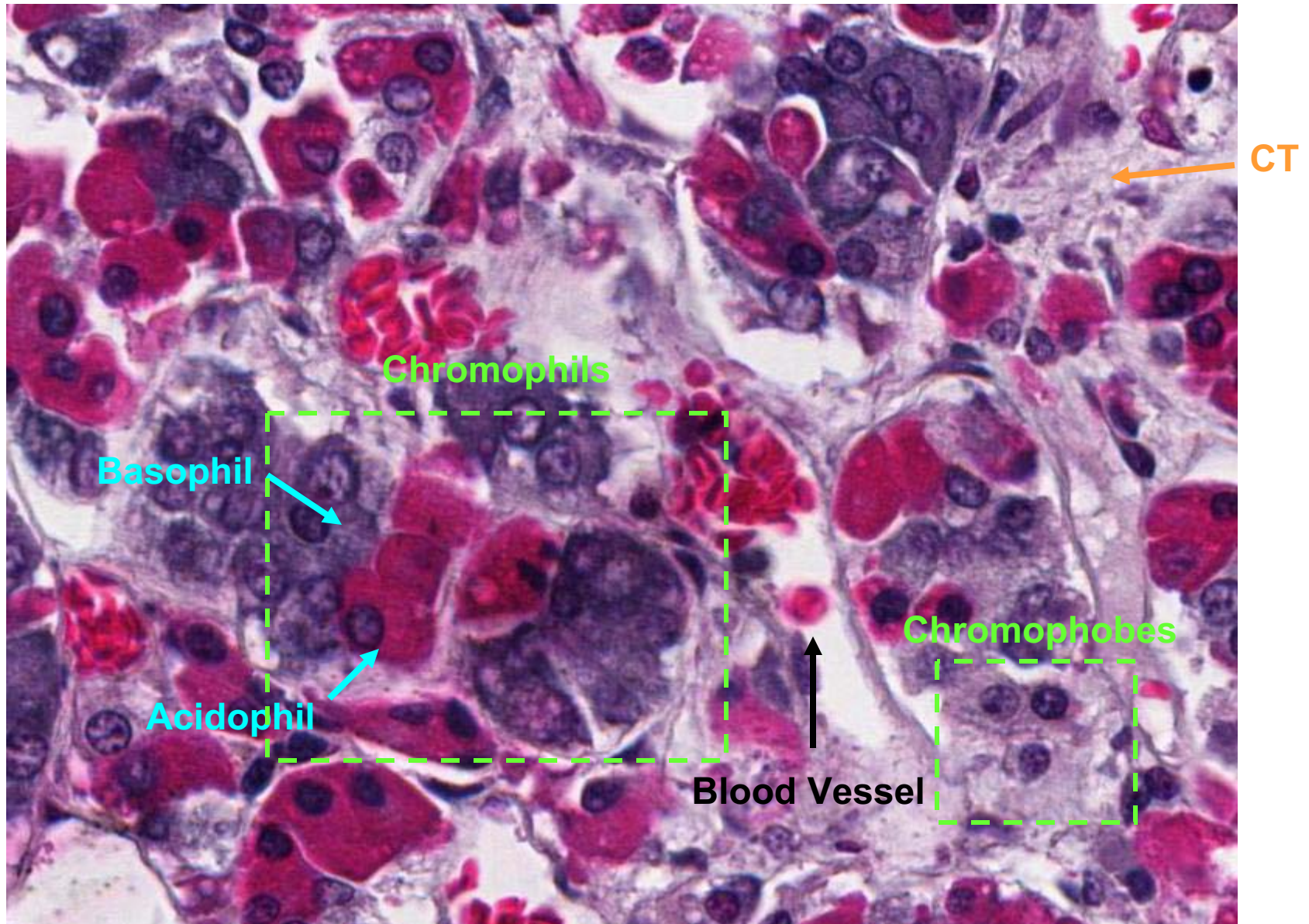
Pars Intermedia



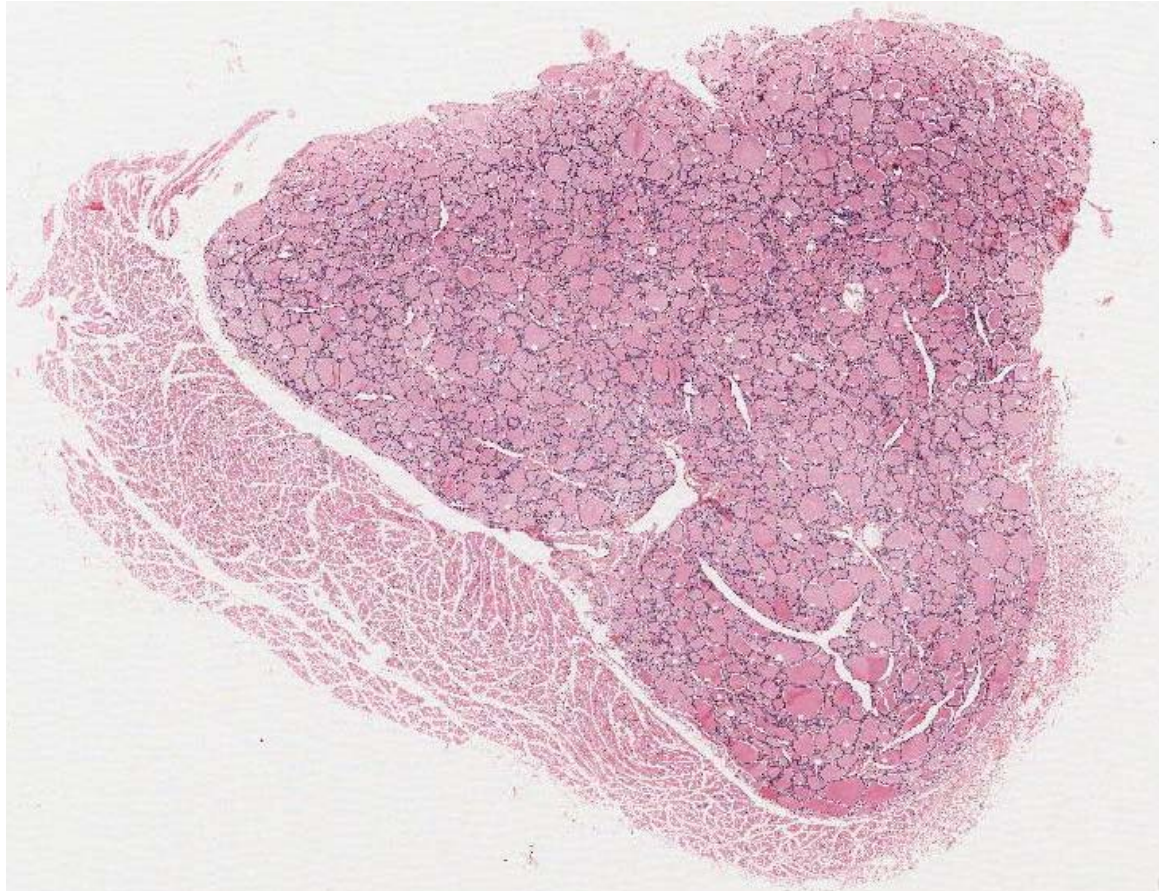
Pituitary – Neurohypophysis



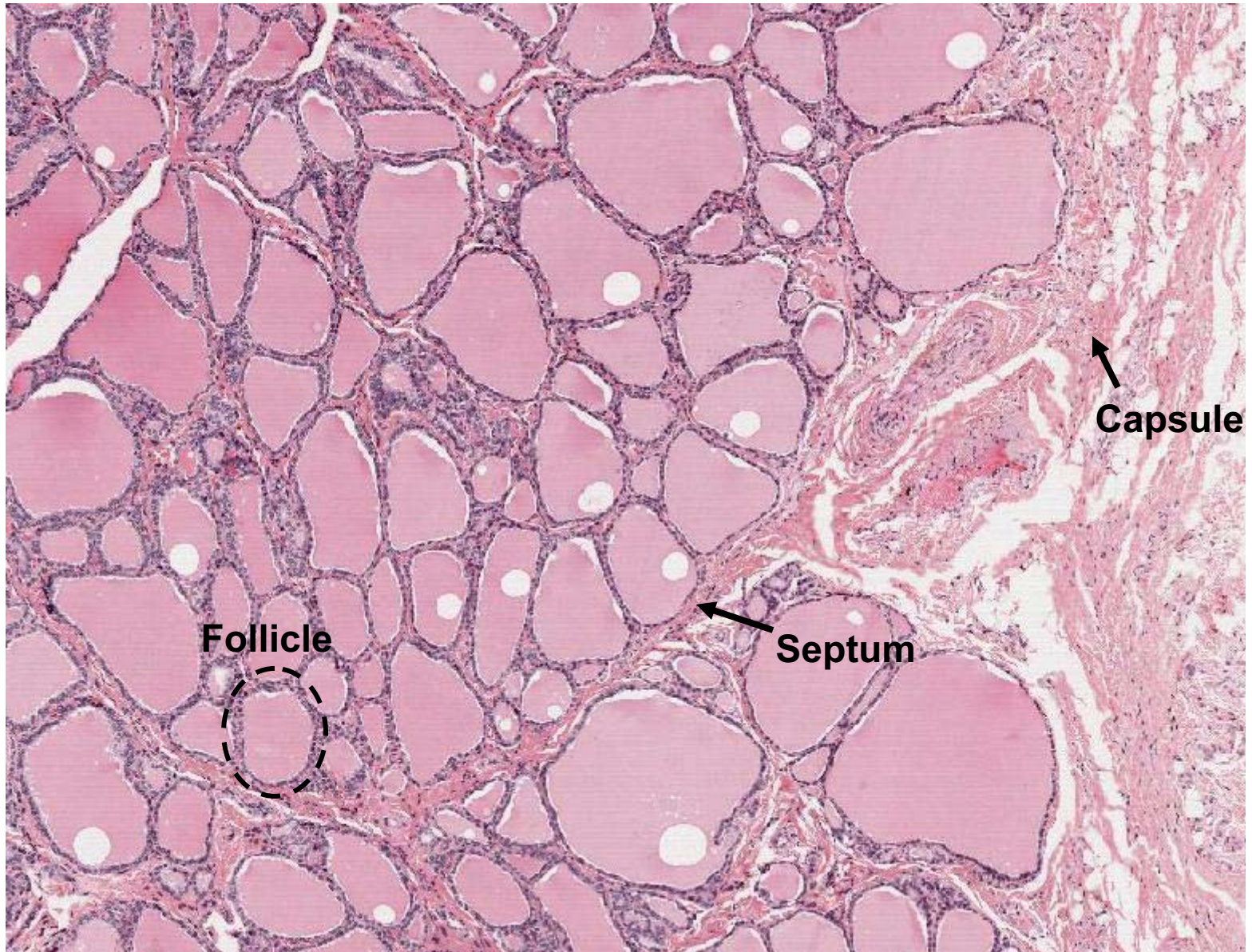
Pituitary – Adenohypophysis



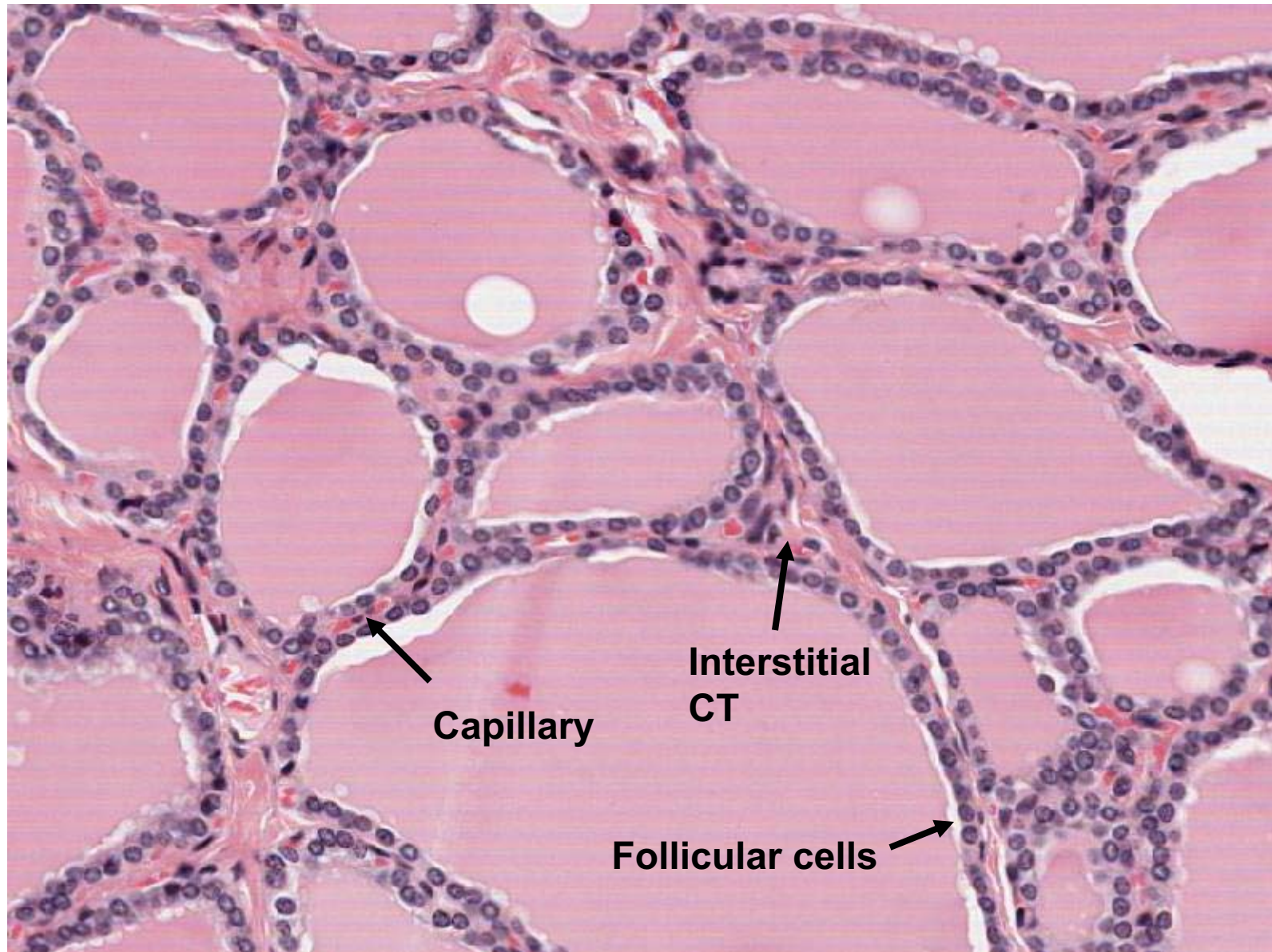
Thyroid



Thyroid

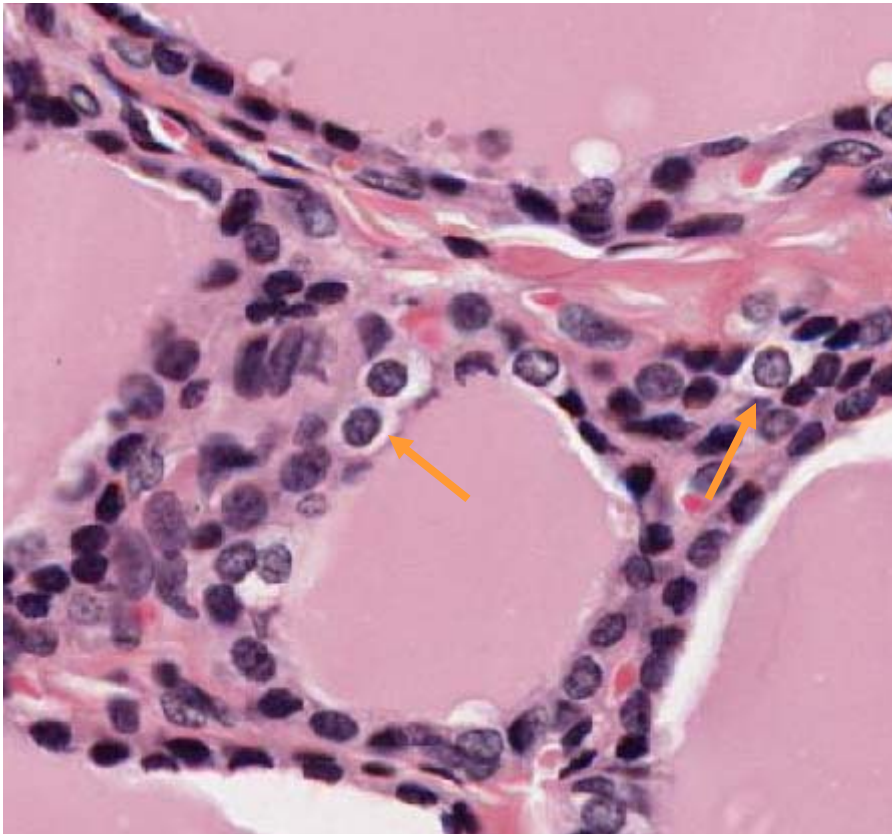


Thyroid

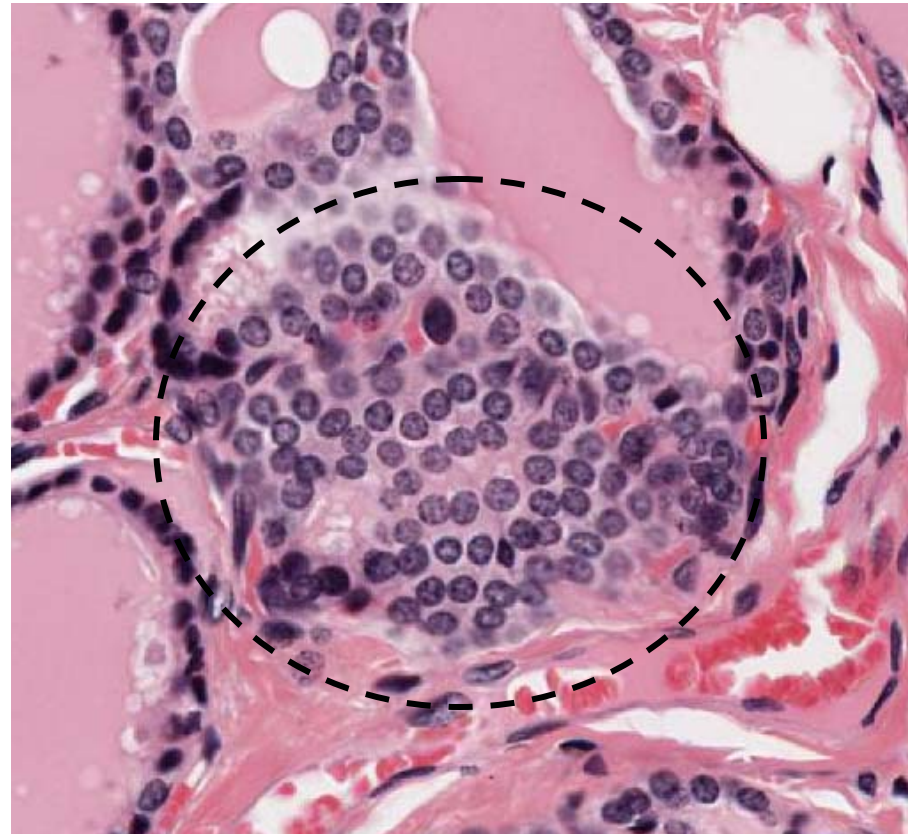


Thyroid

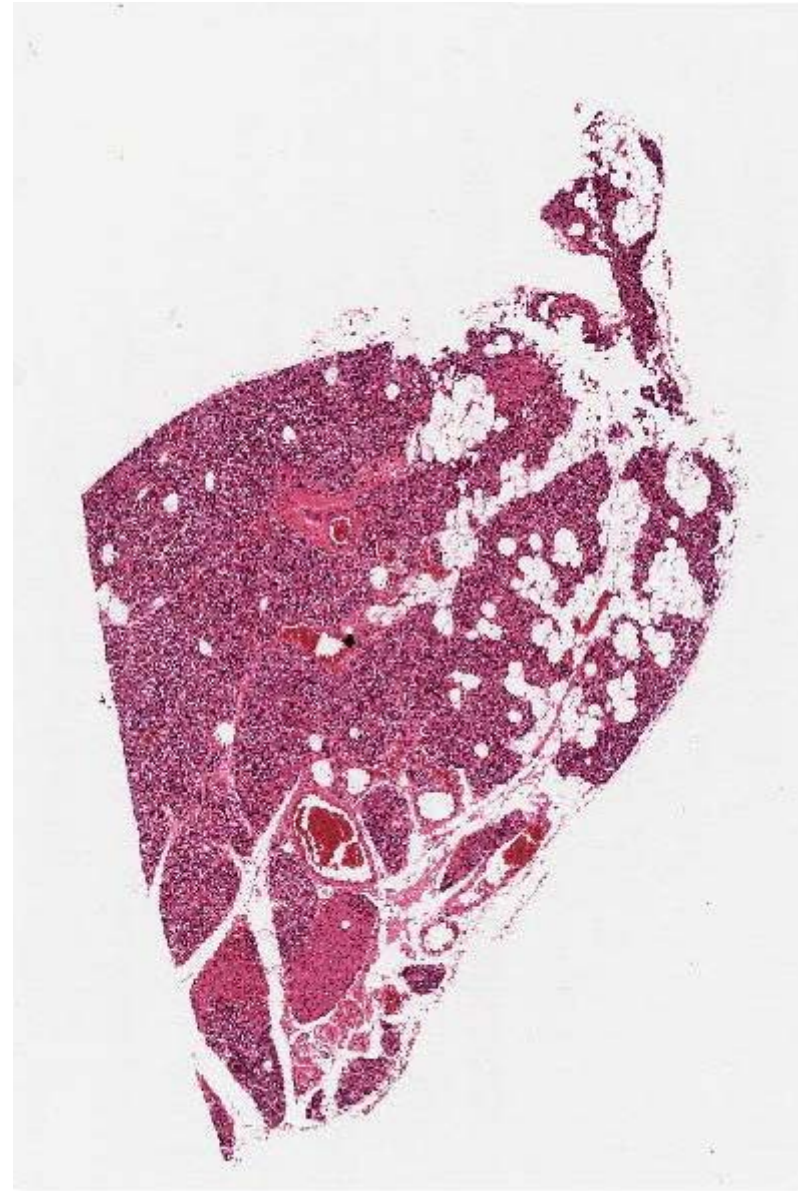
Parafollicular Cells (C Cells)



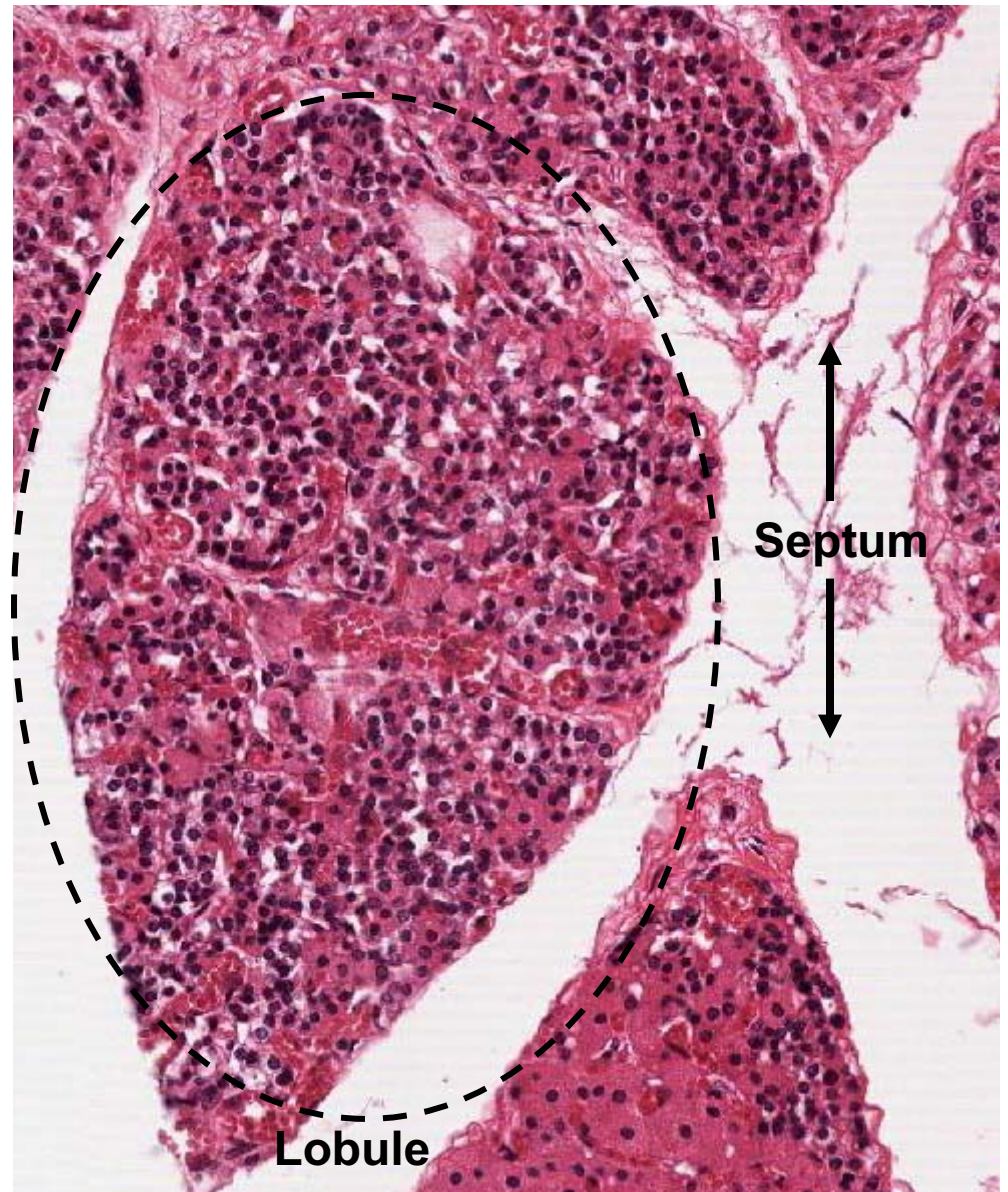
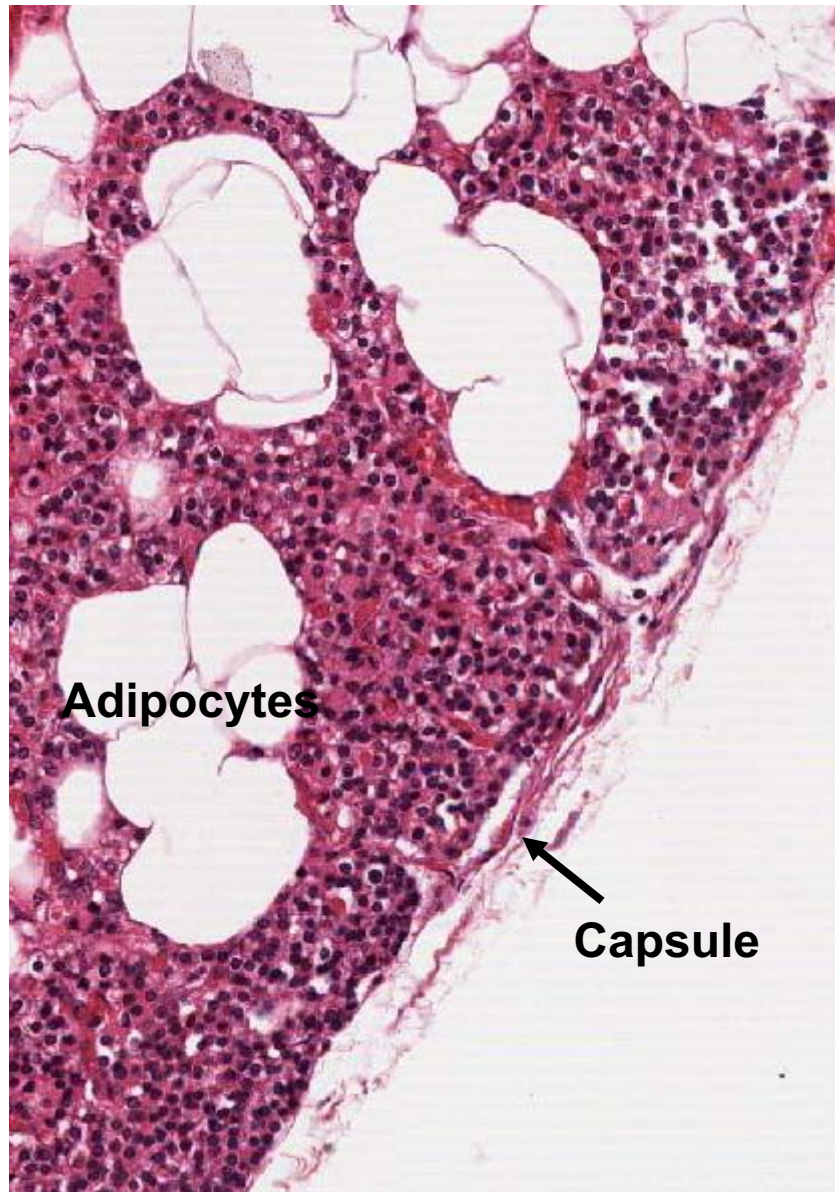
**Tangential Section
(through simple epithelium)**



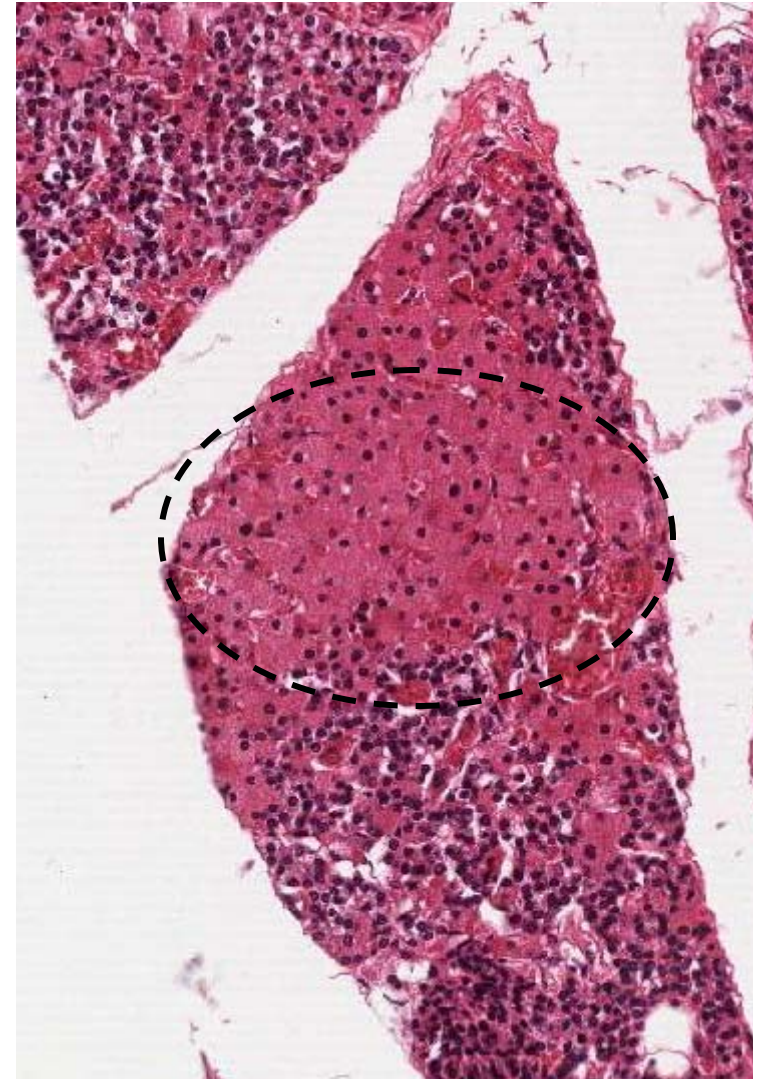
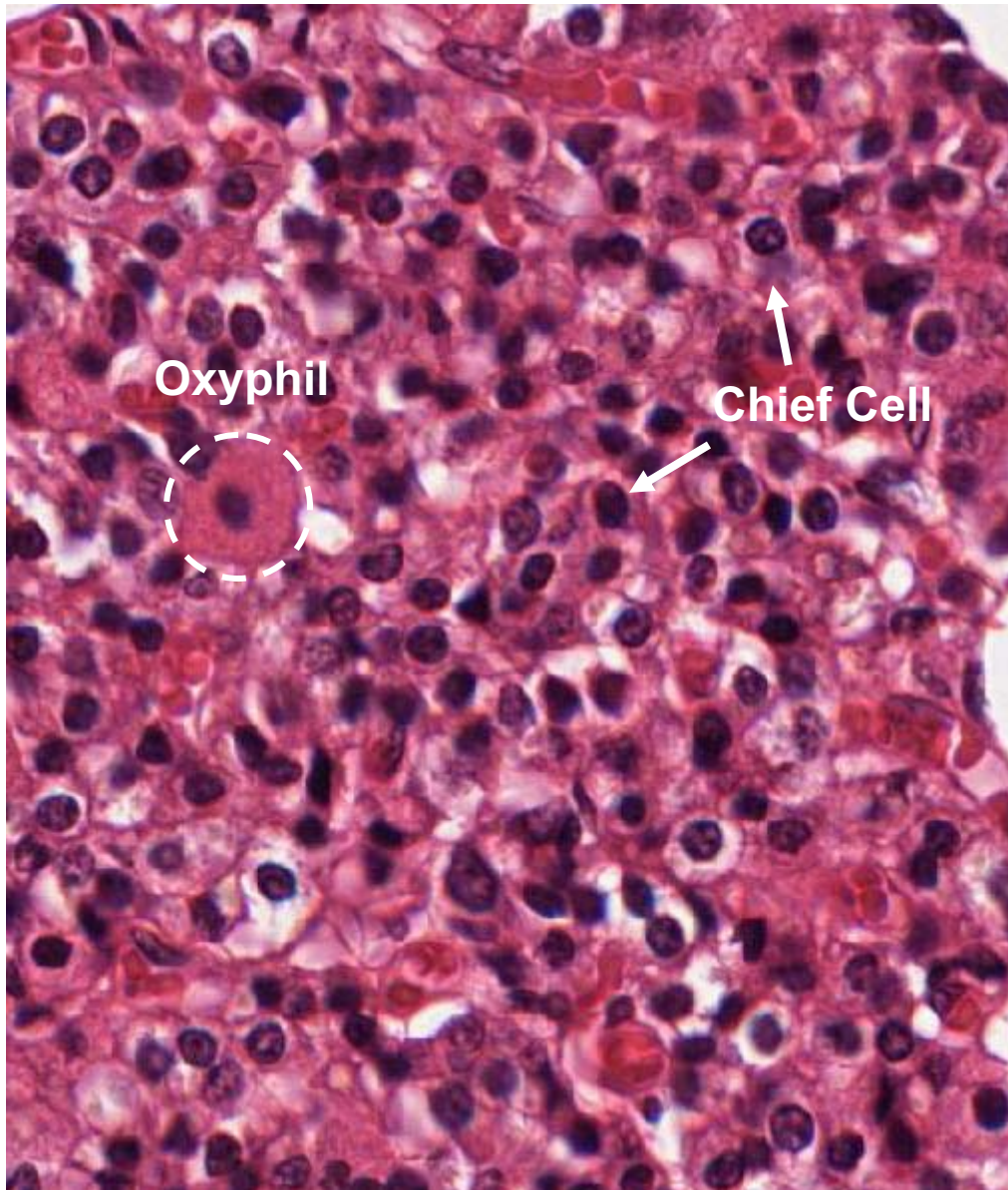
Parathyroid



Parathyroid



Parathyroid

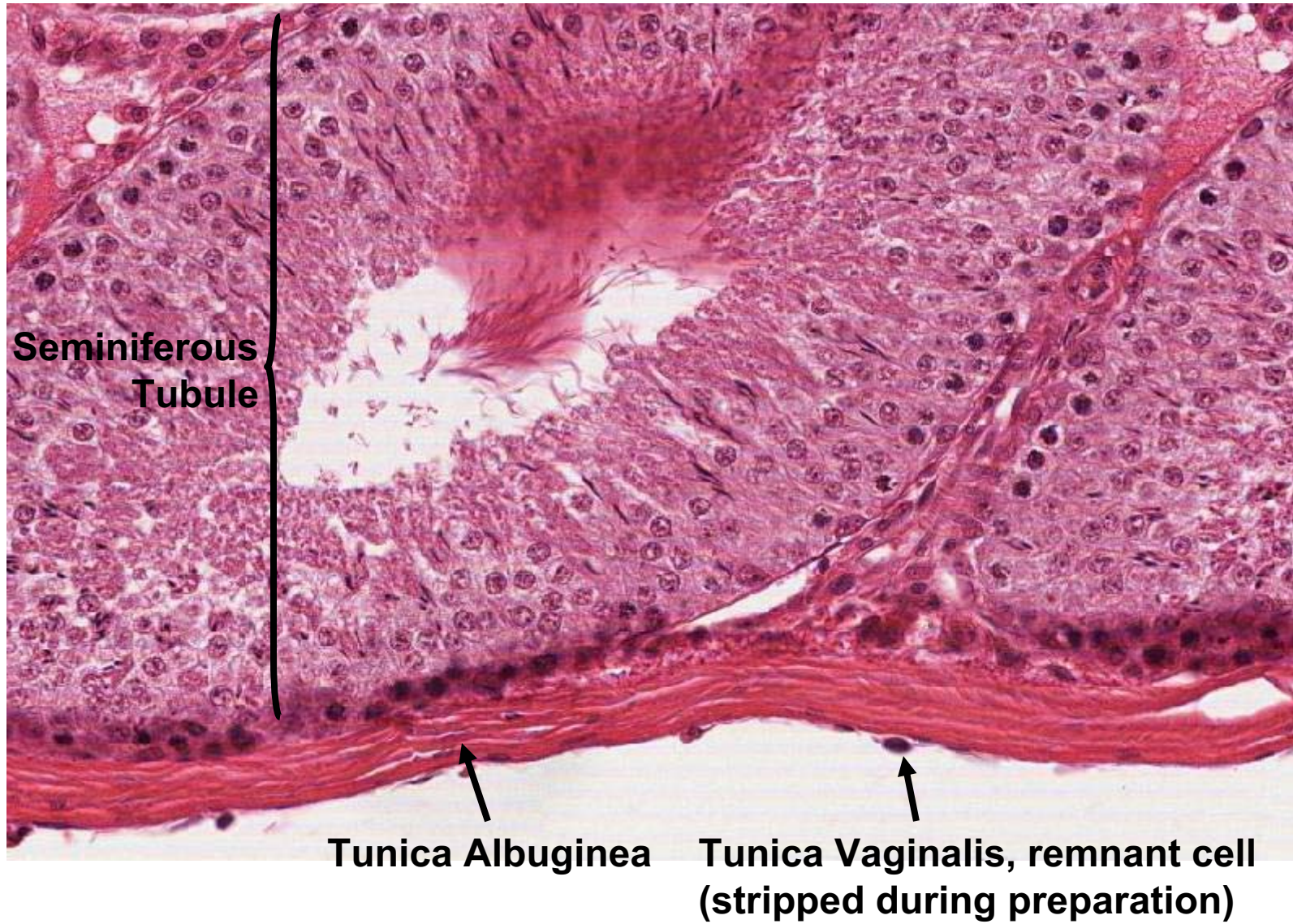


**Oxyphils
(surrounded by chief cells)**

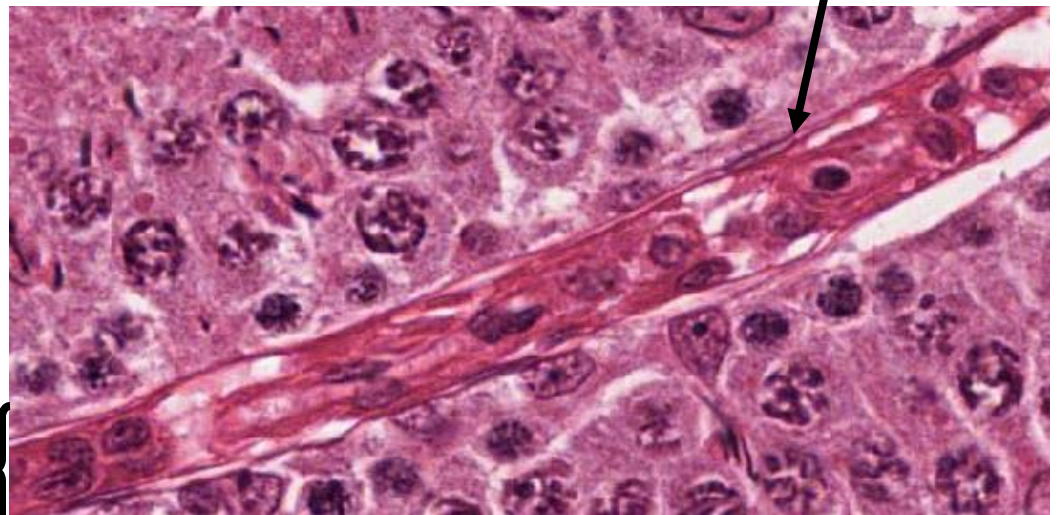
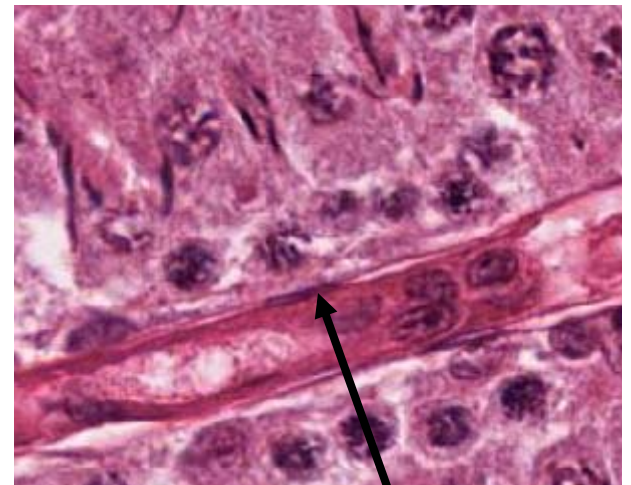
Male Reproductive Tract



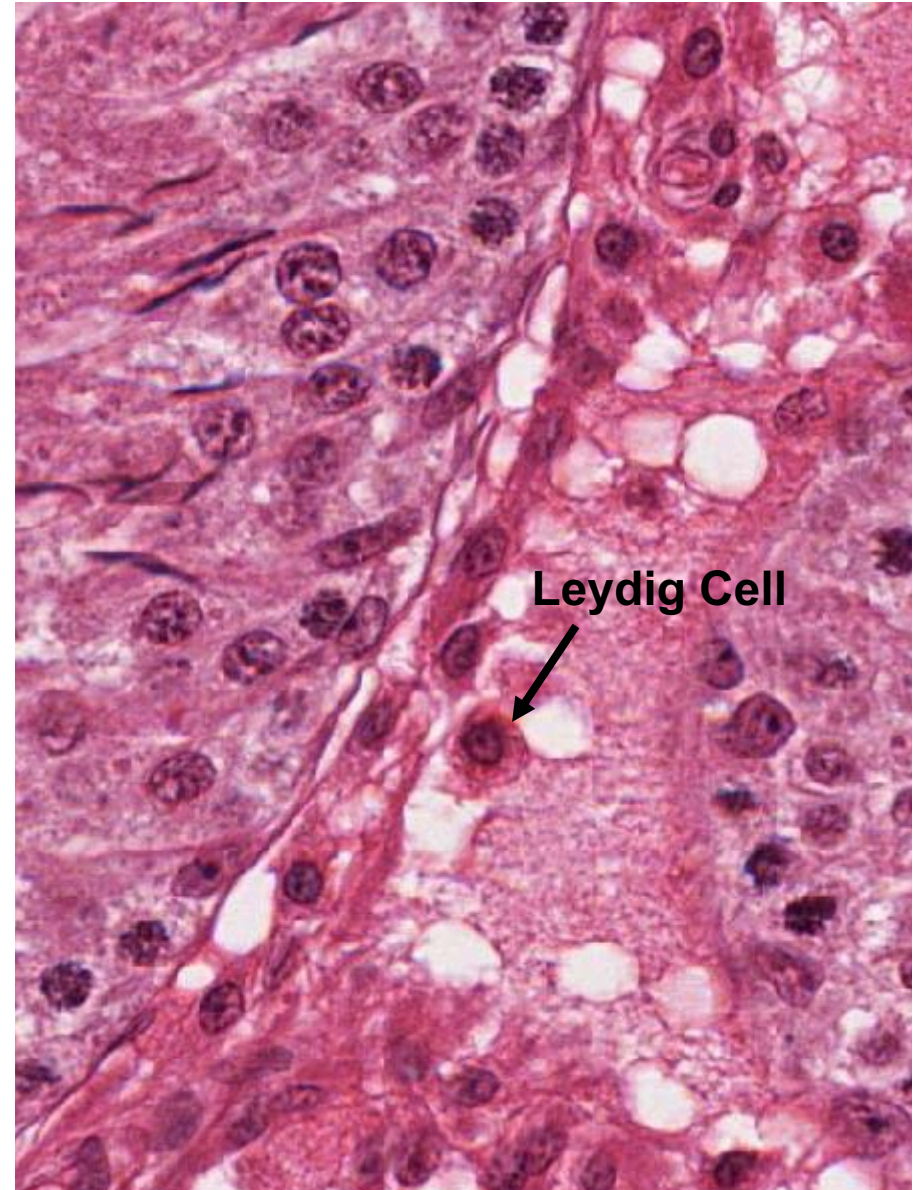
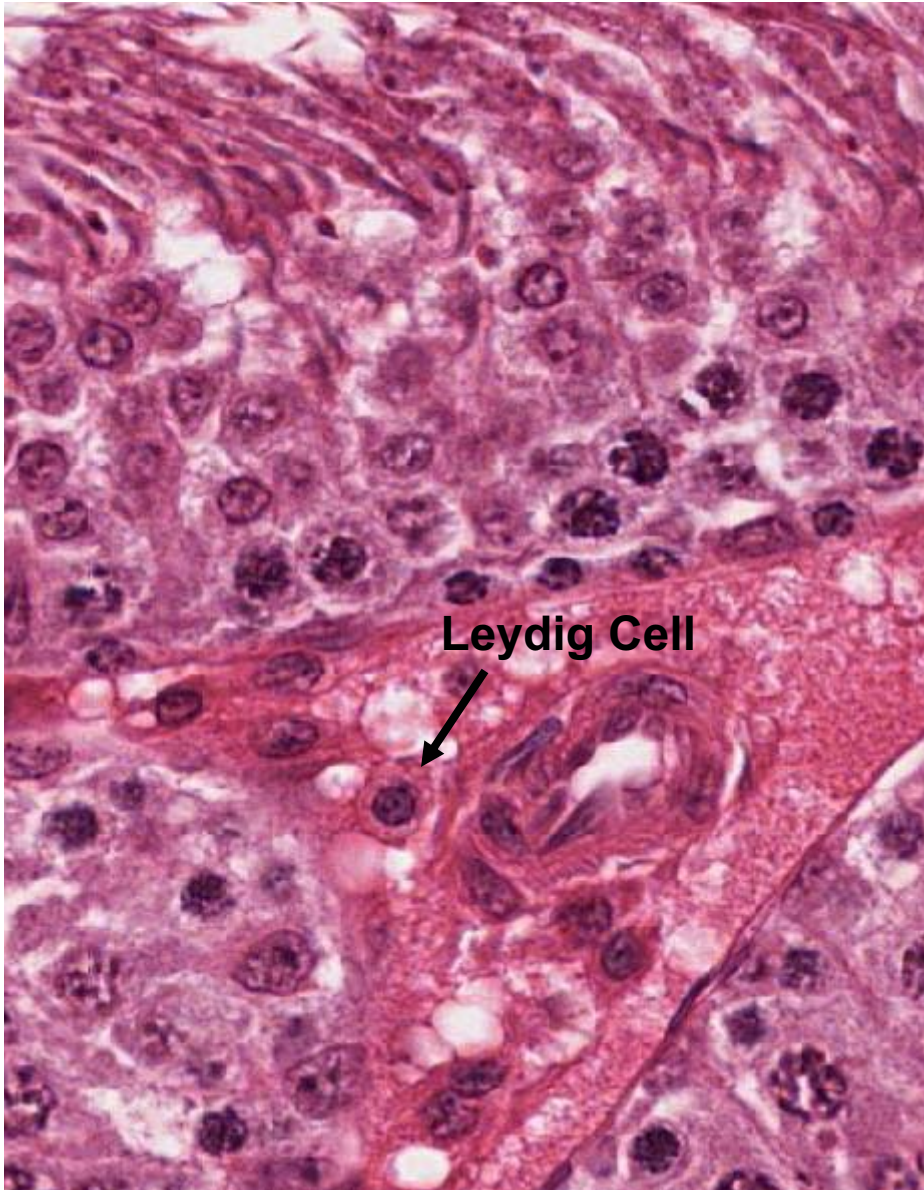
Testicle



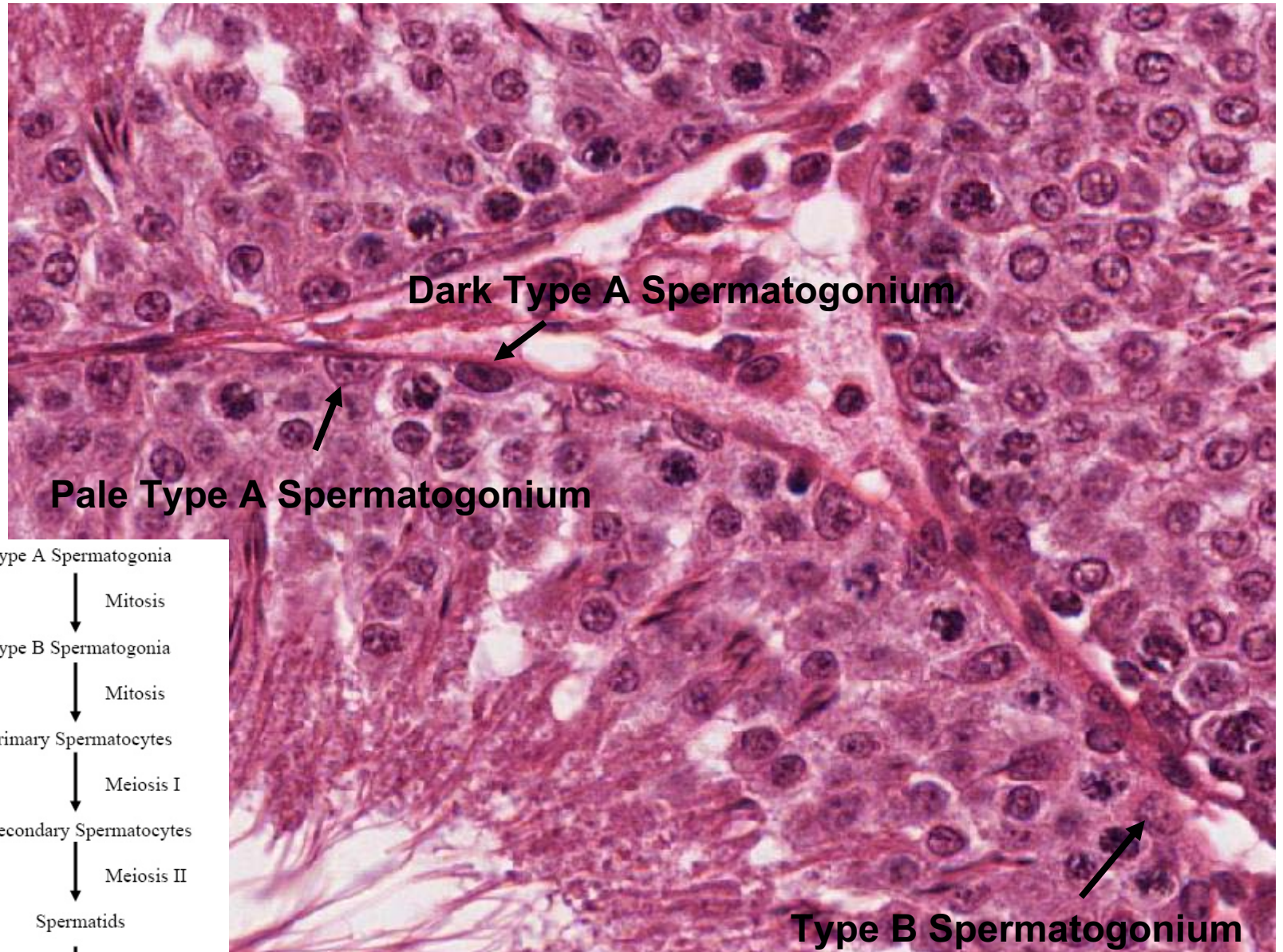
Testicle



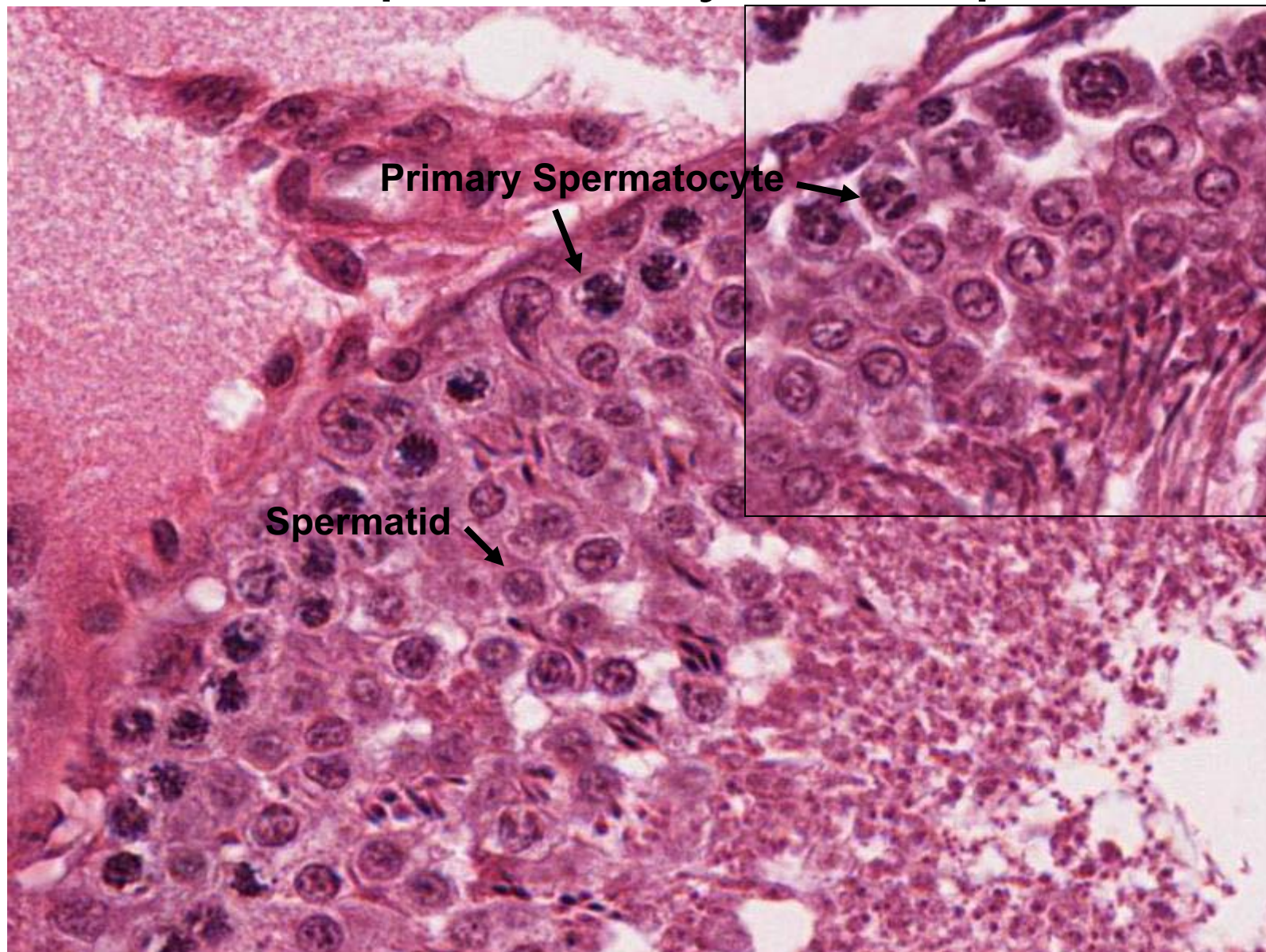
Testicle – Leydig Cells



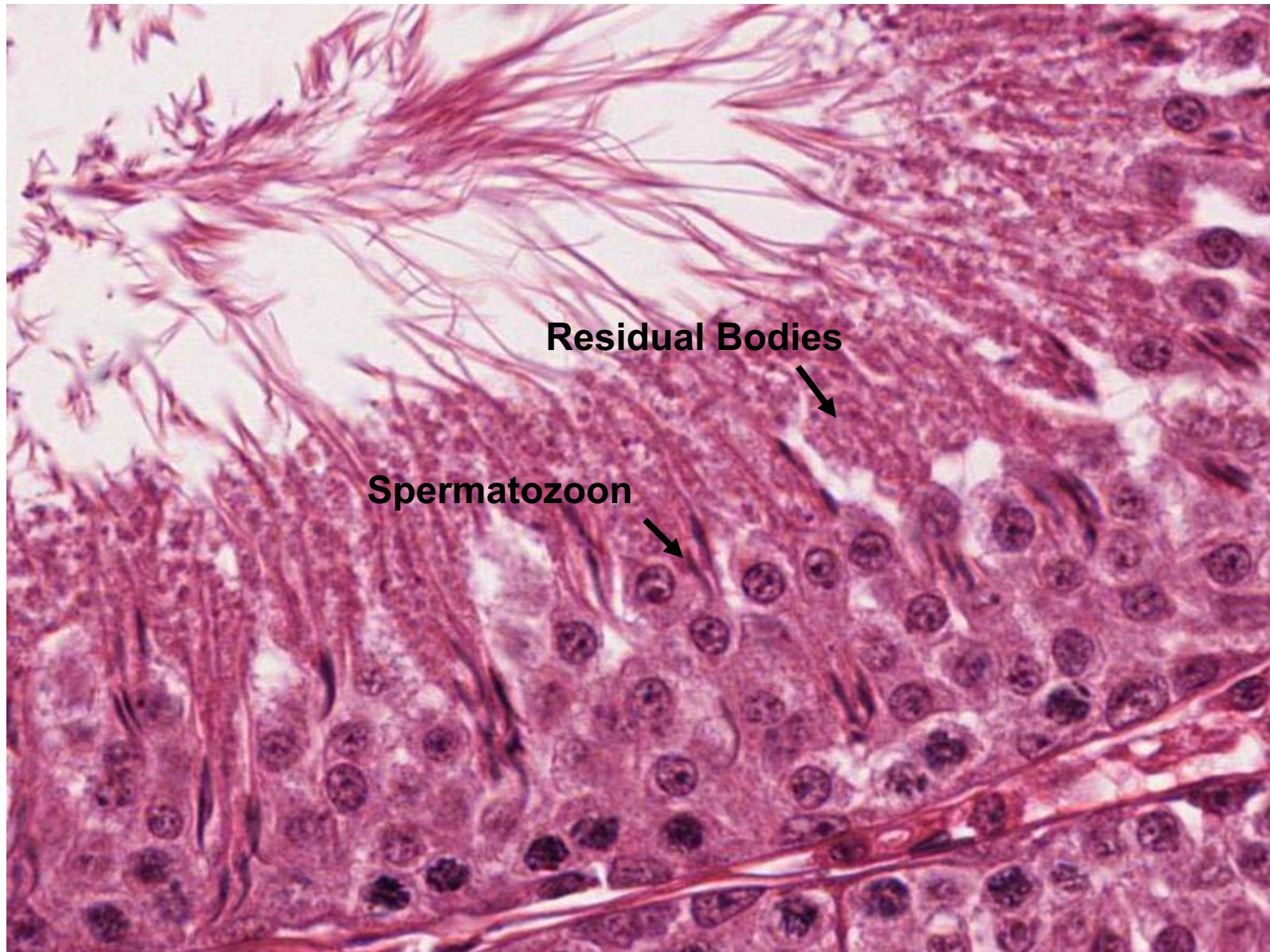
Testicle – Spermatogonia



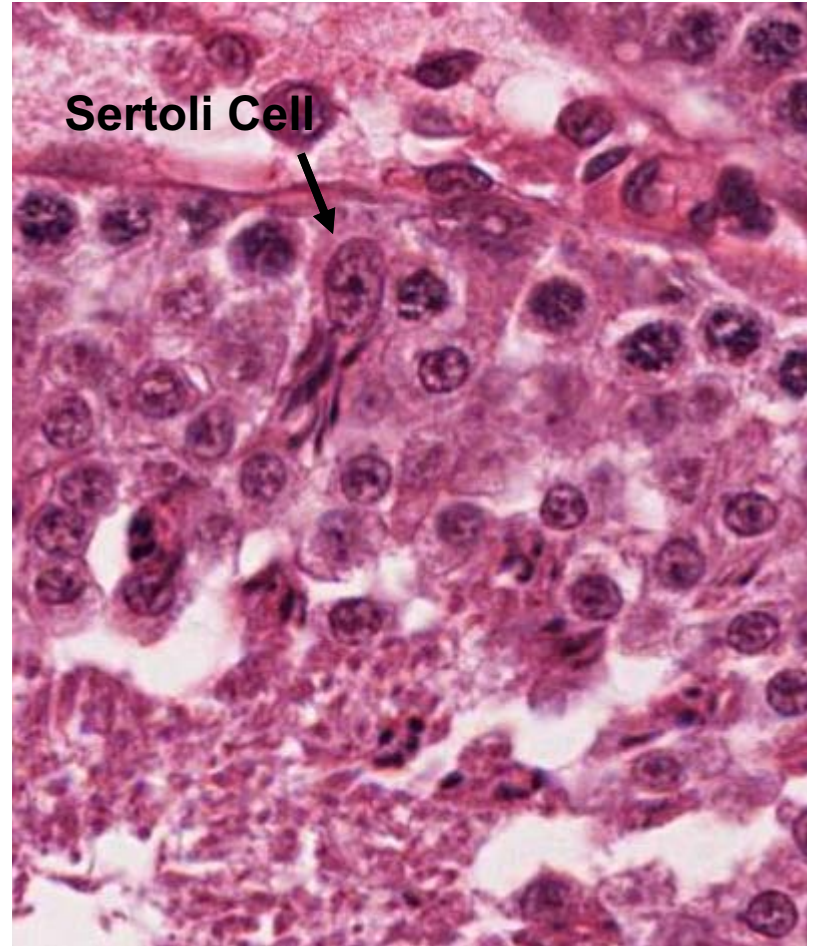
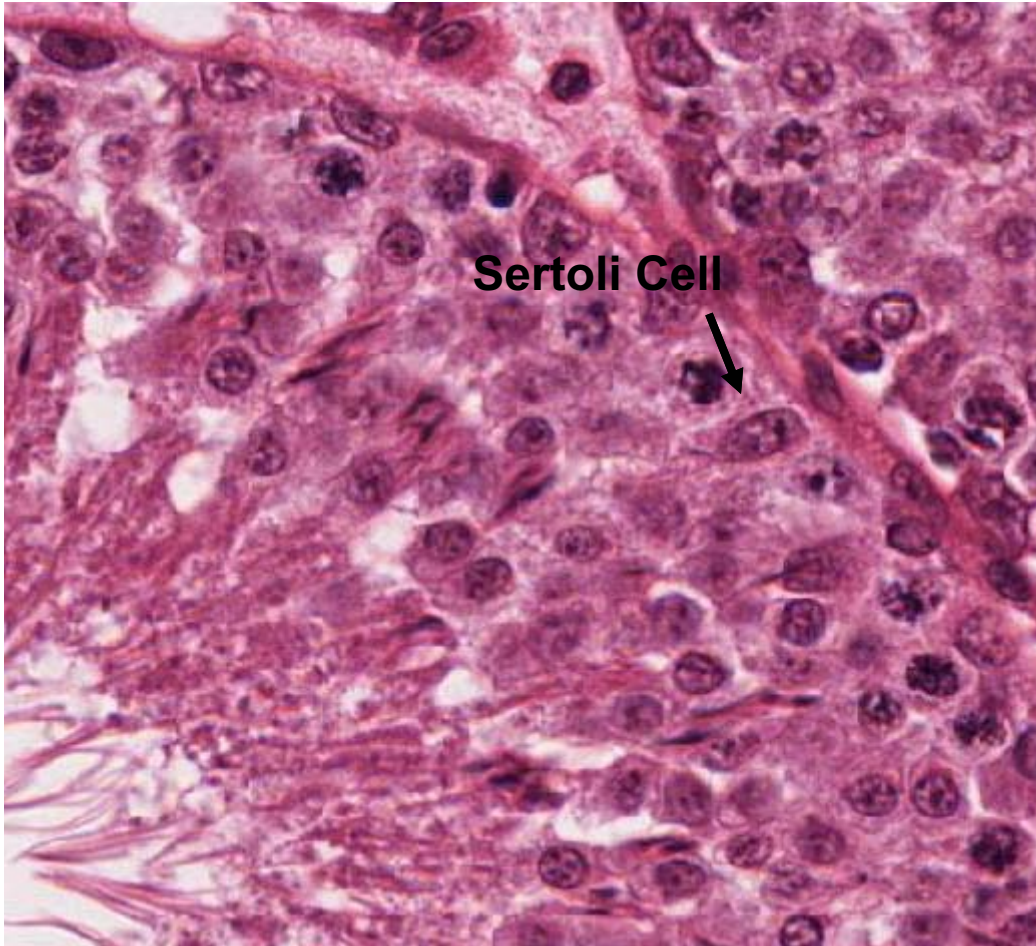
Testicle – Spermatocytes + Spermatids



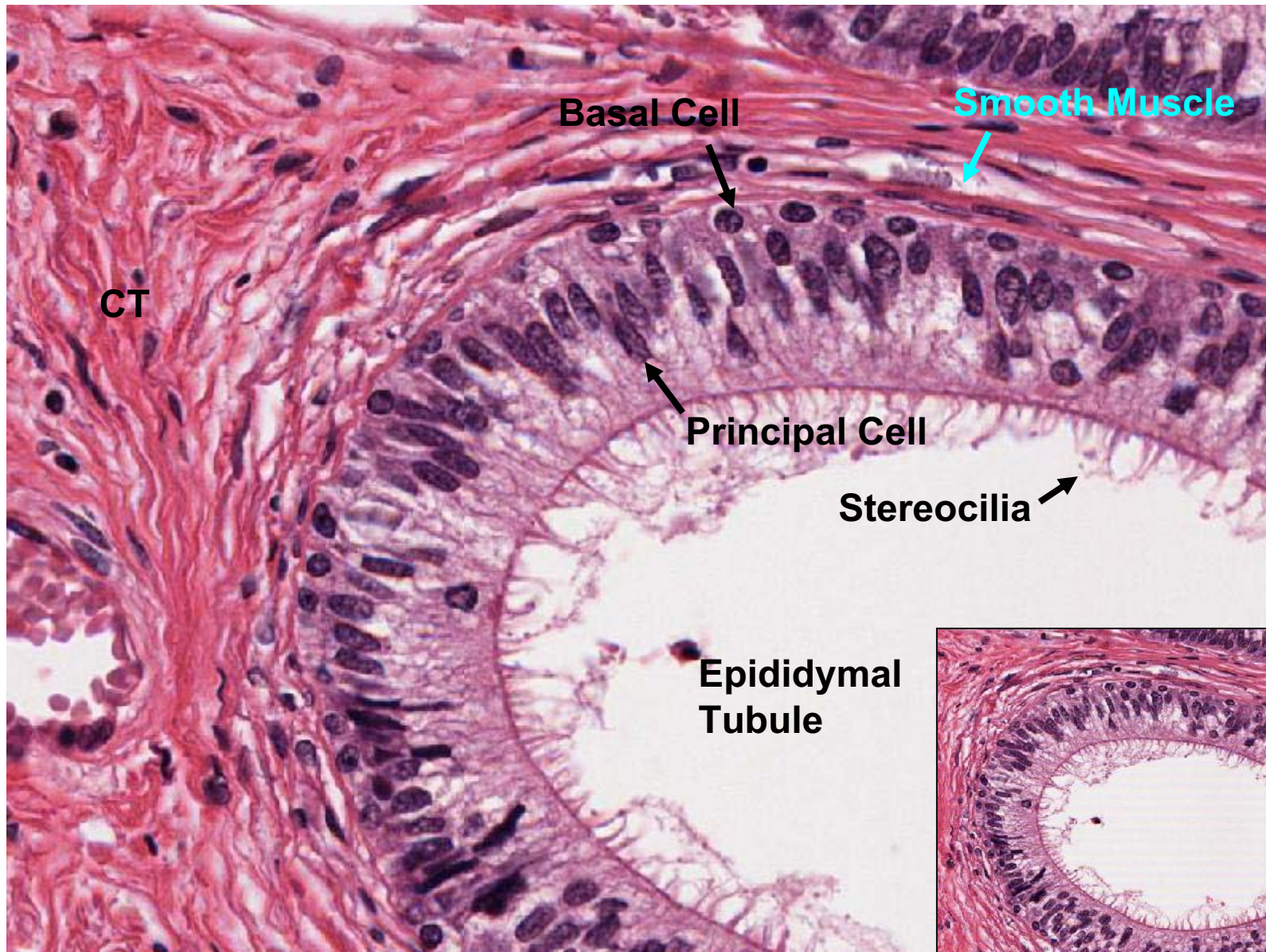
Testicle – Spermatozoa + Residual Bodies



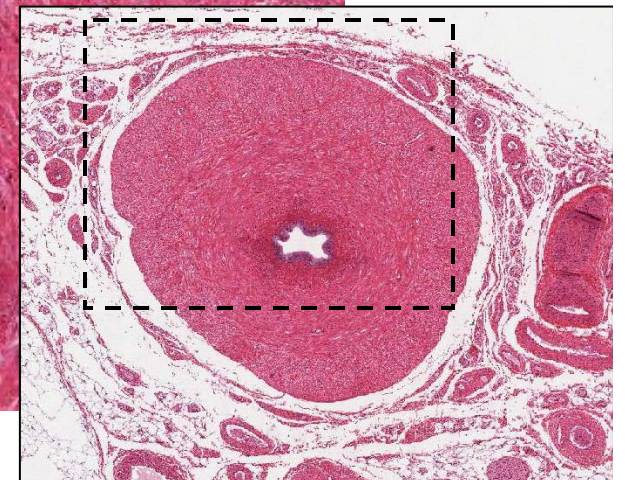
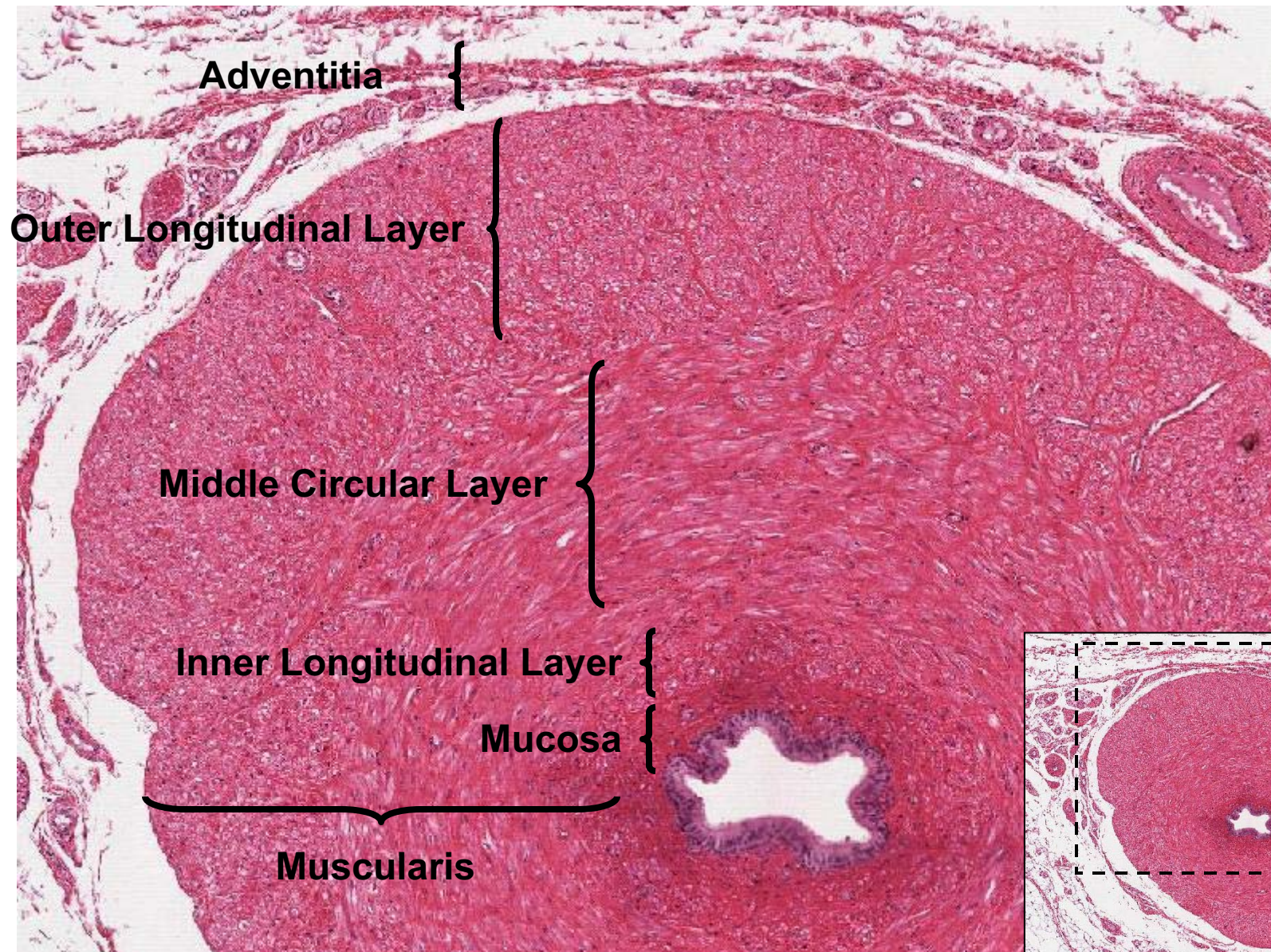
Testicle – Sertoli Cells



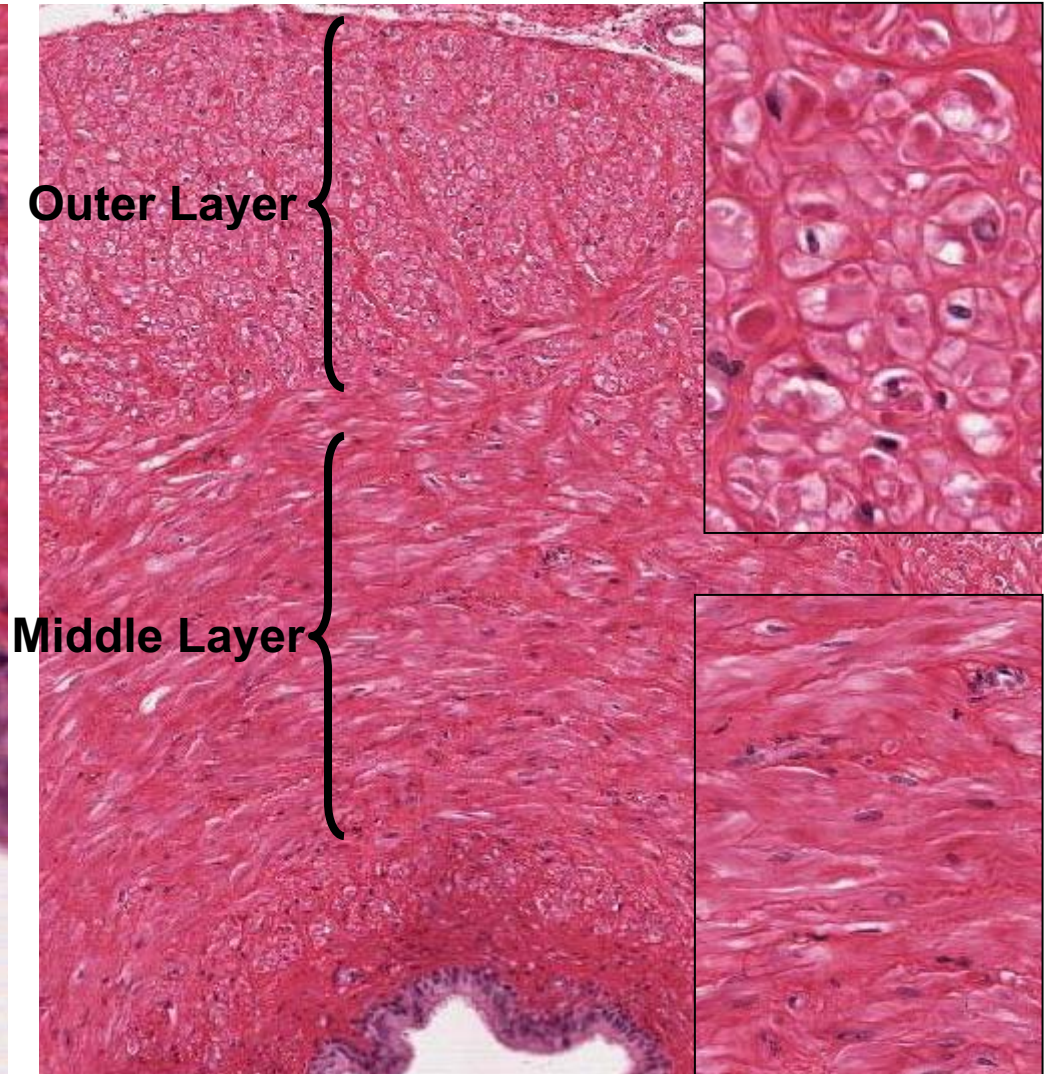
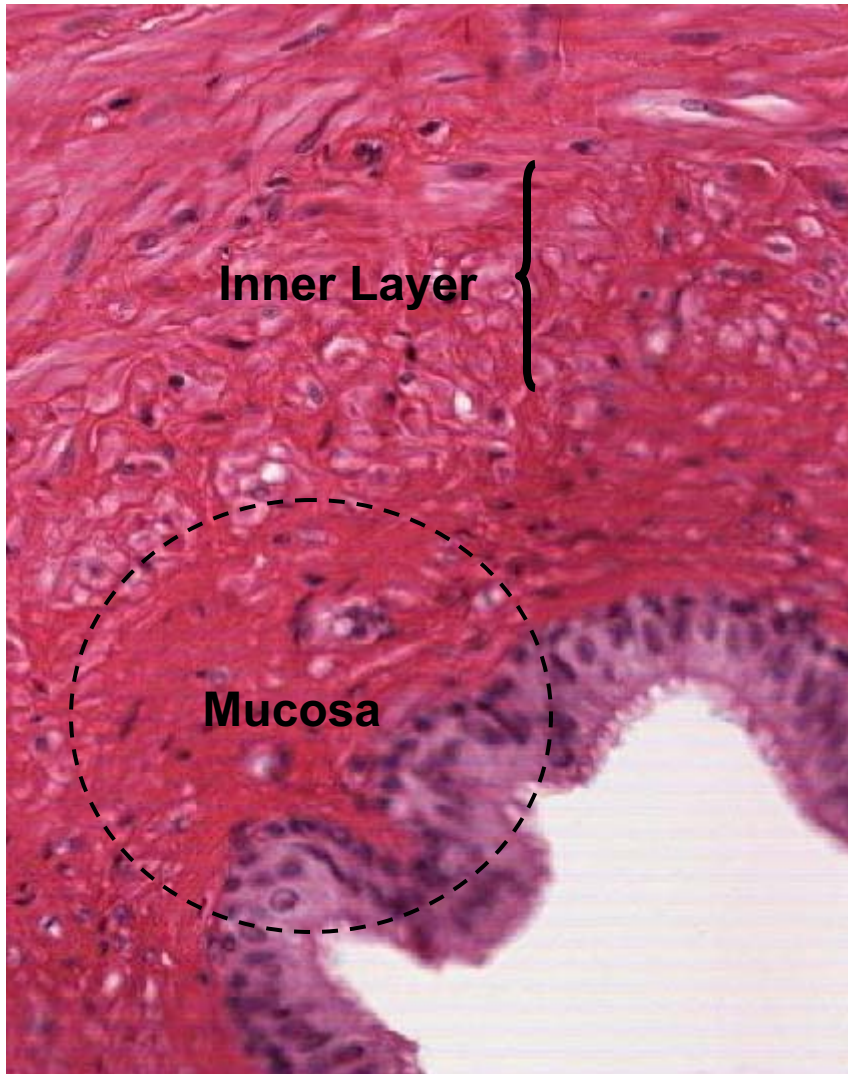
Epididymis – Epididymal Tubule



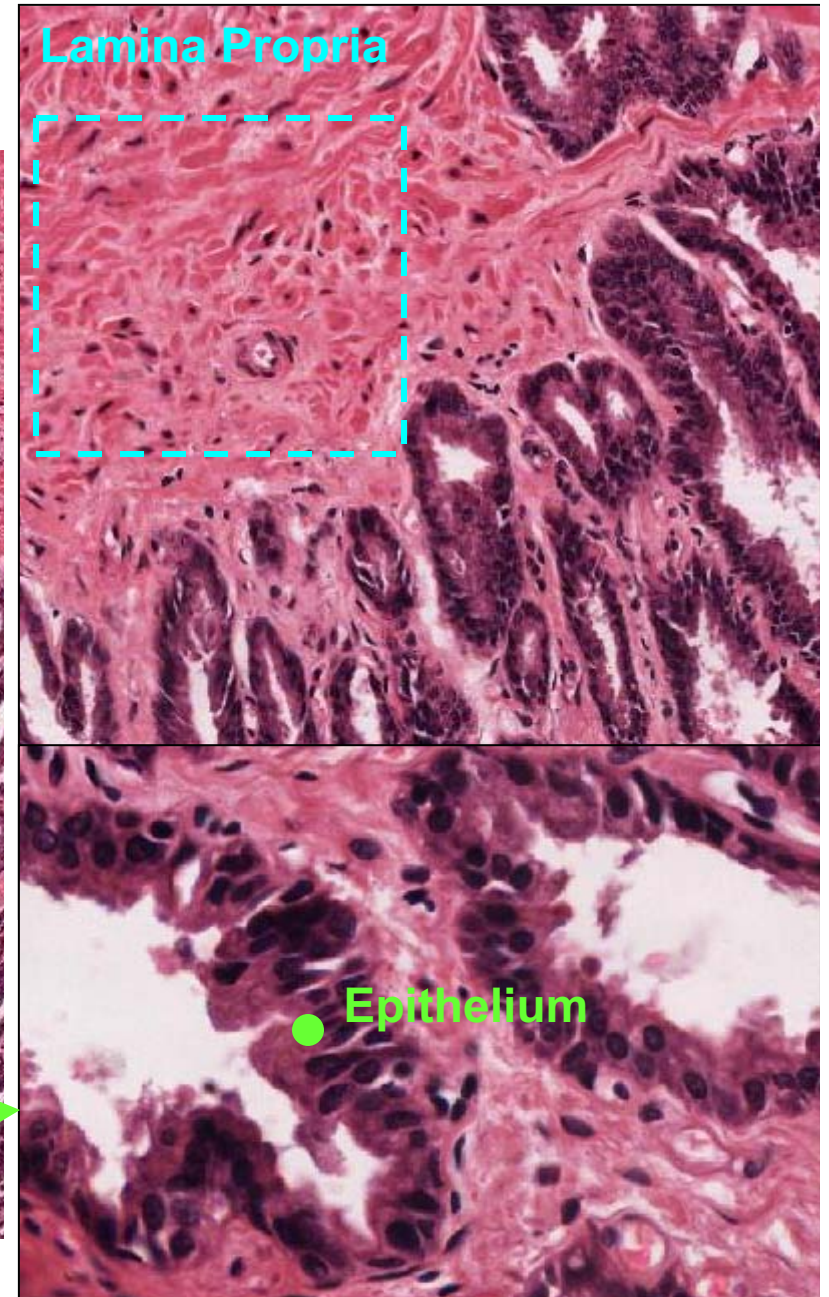
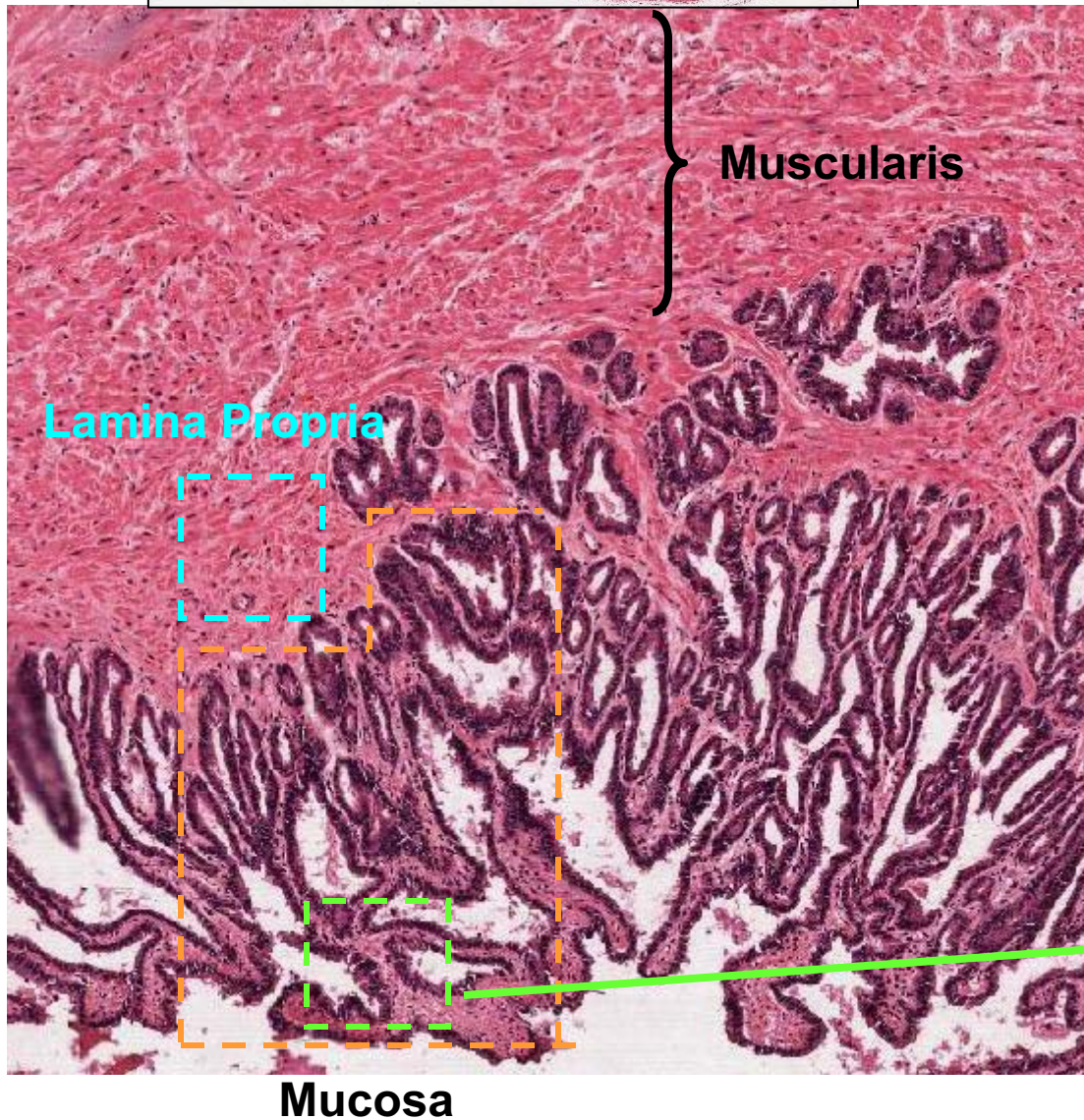
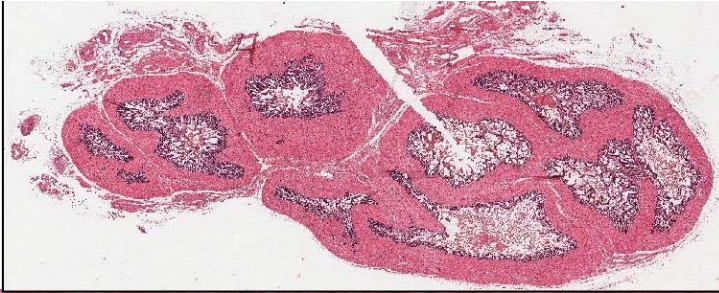
Vas Deferens



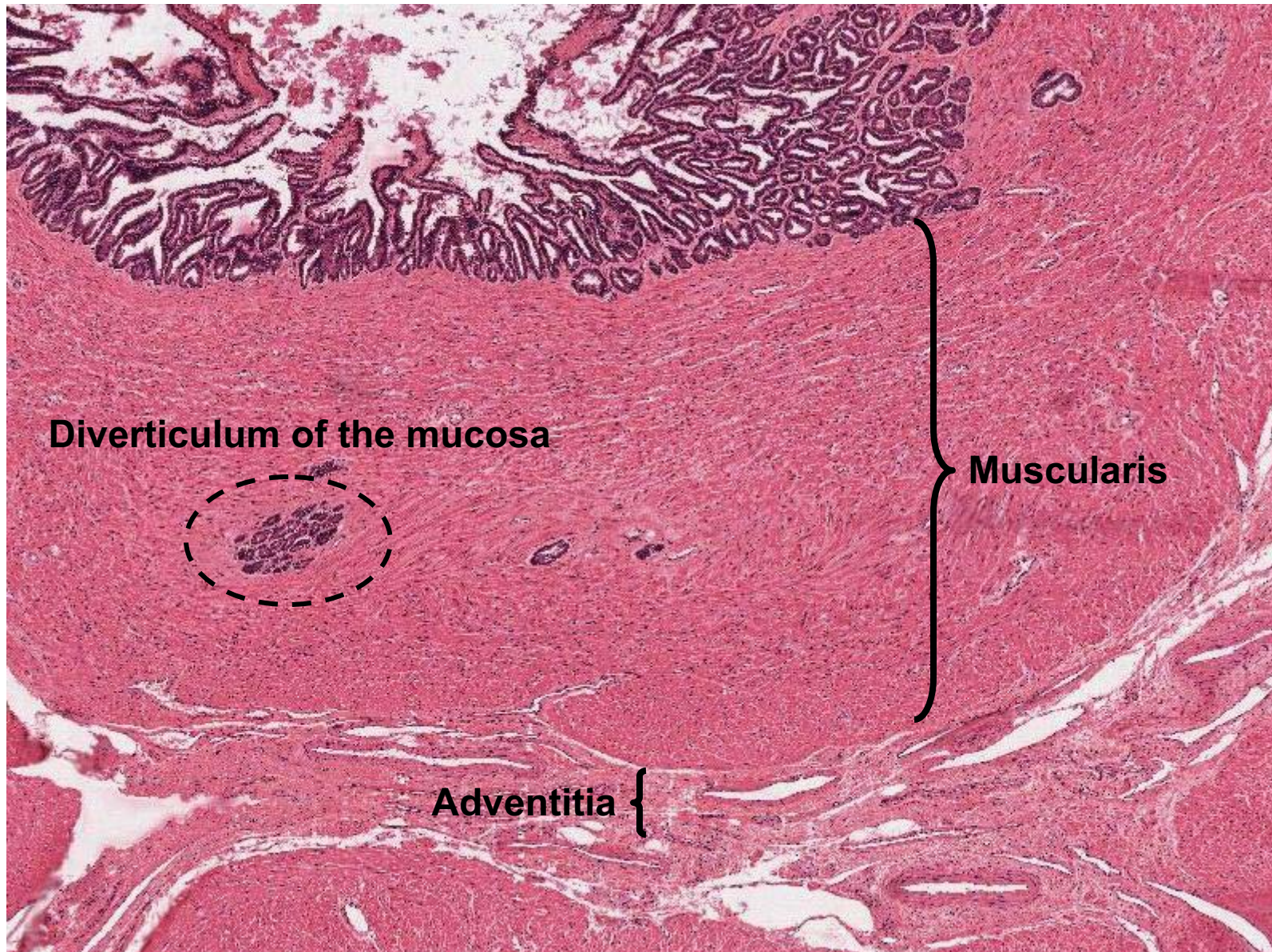
Vas Deferens



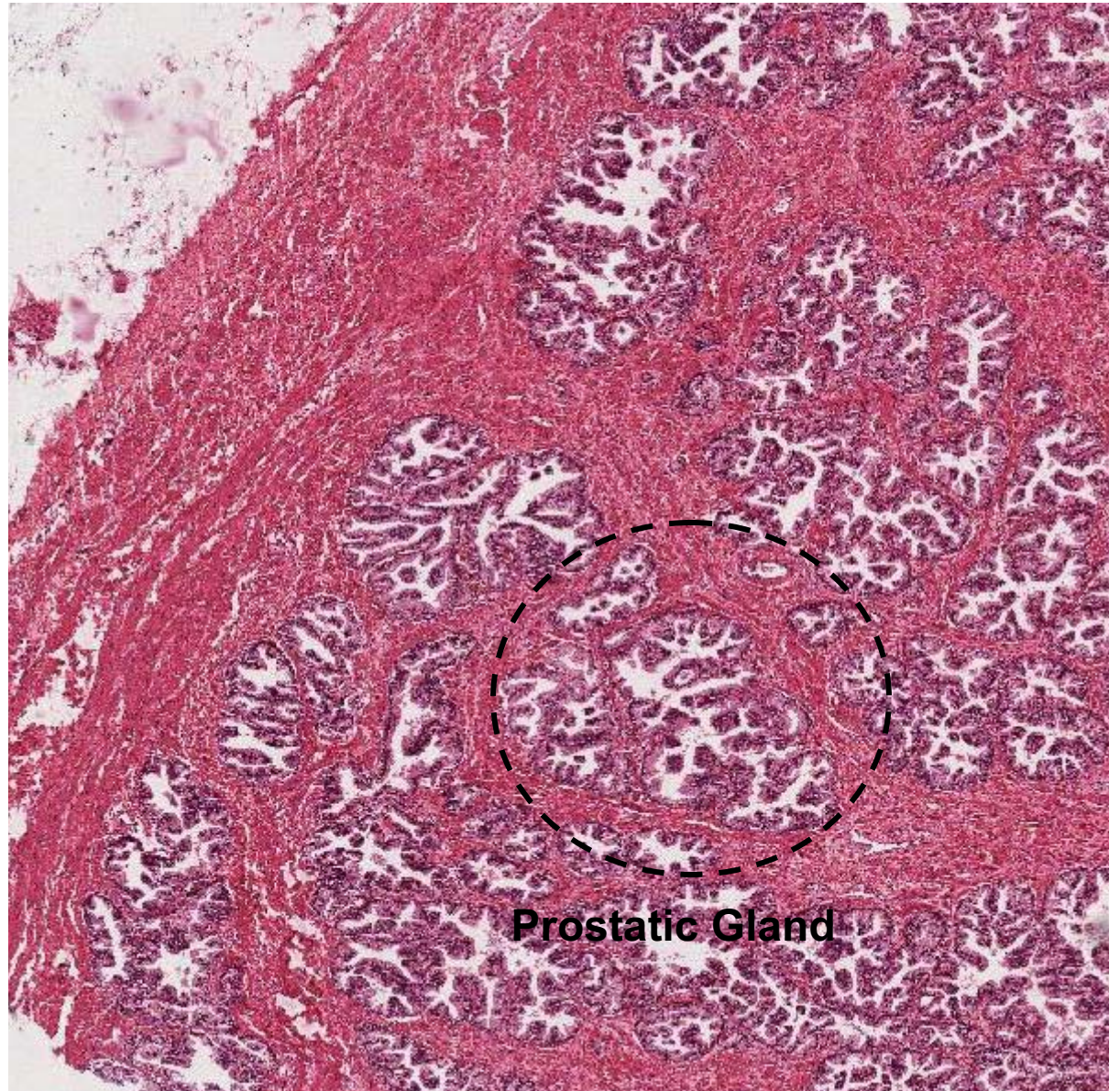
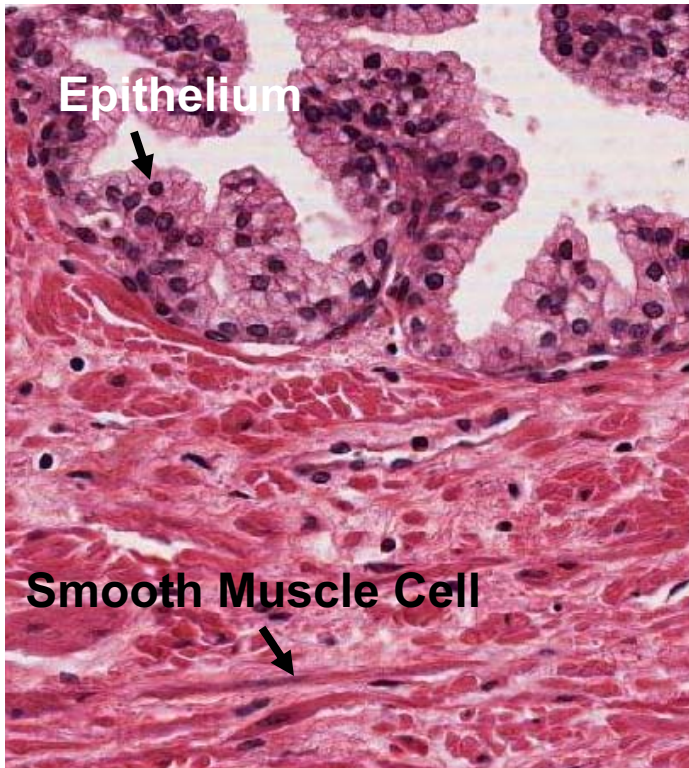
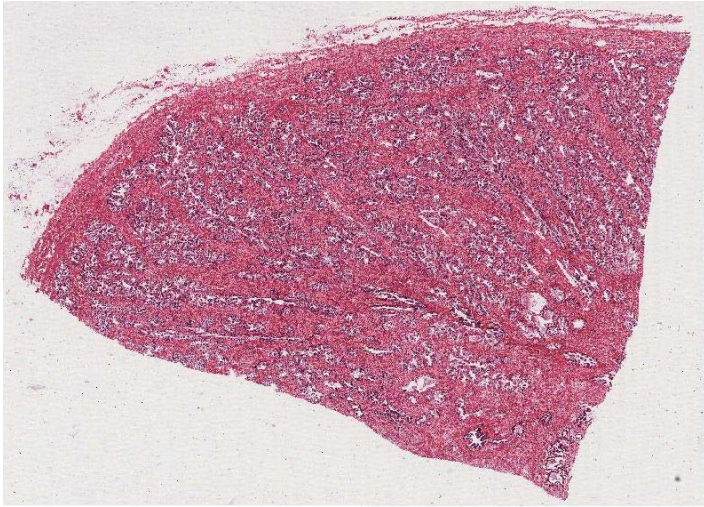
Seminal Vesicle



Seminal Vesicle



Prostate Gland



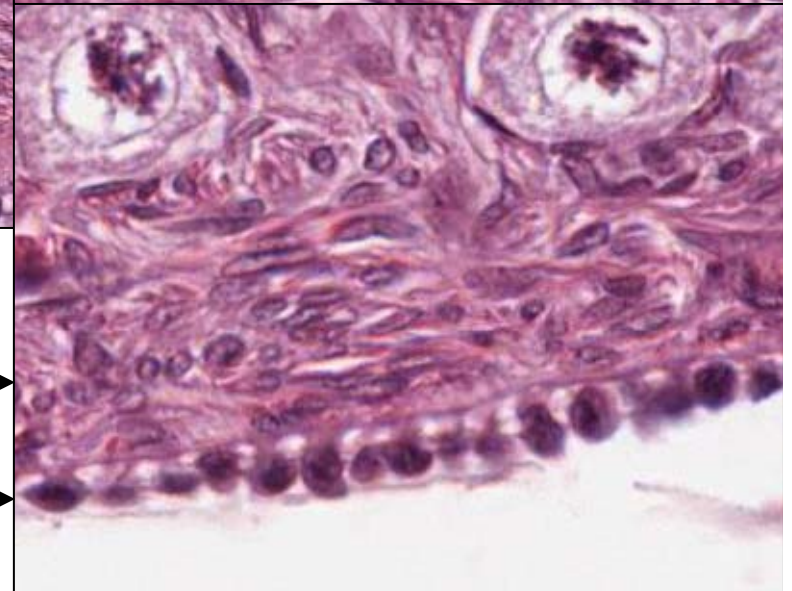
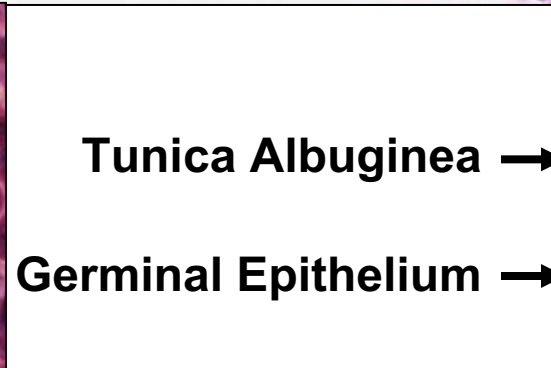
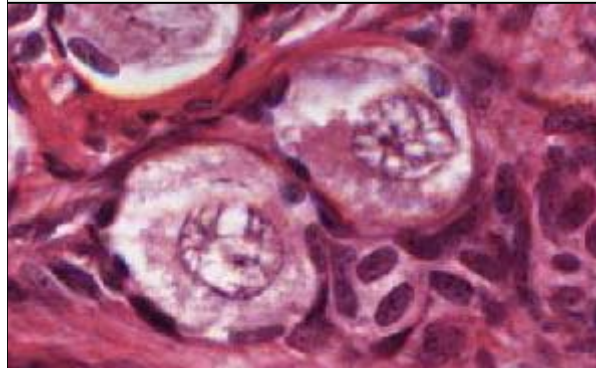
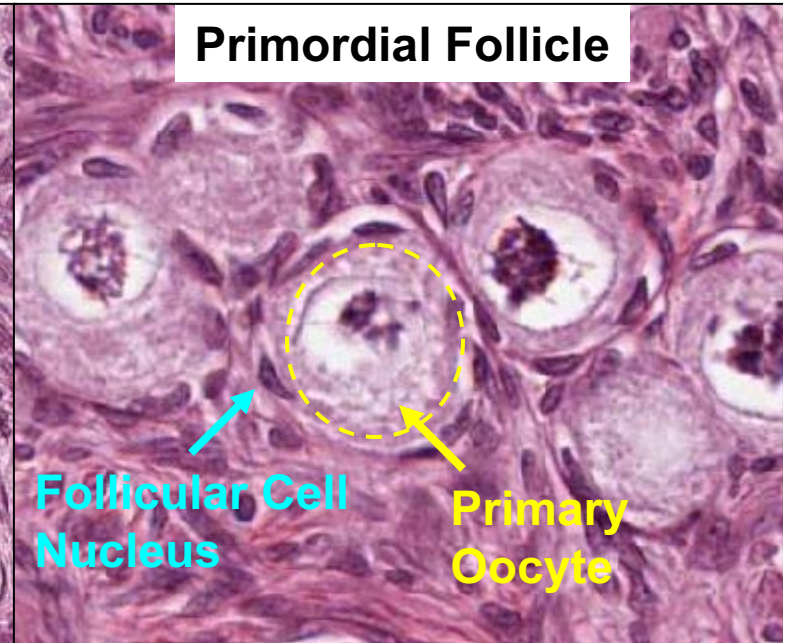
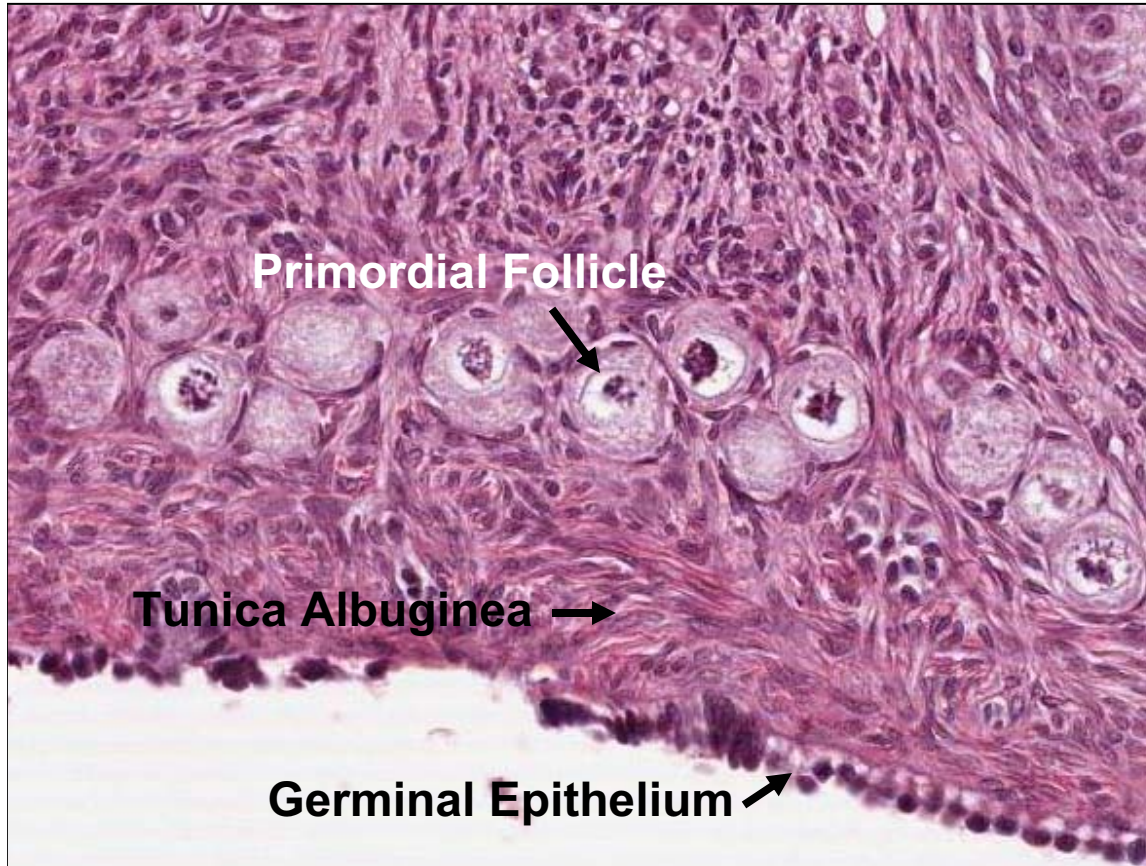
Female Reproductive Tract



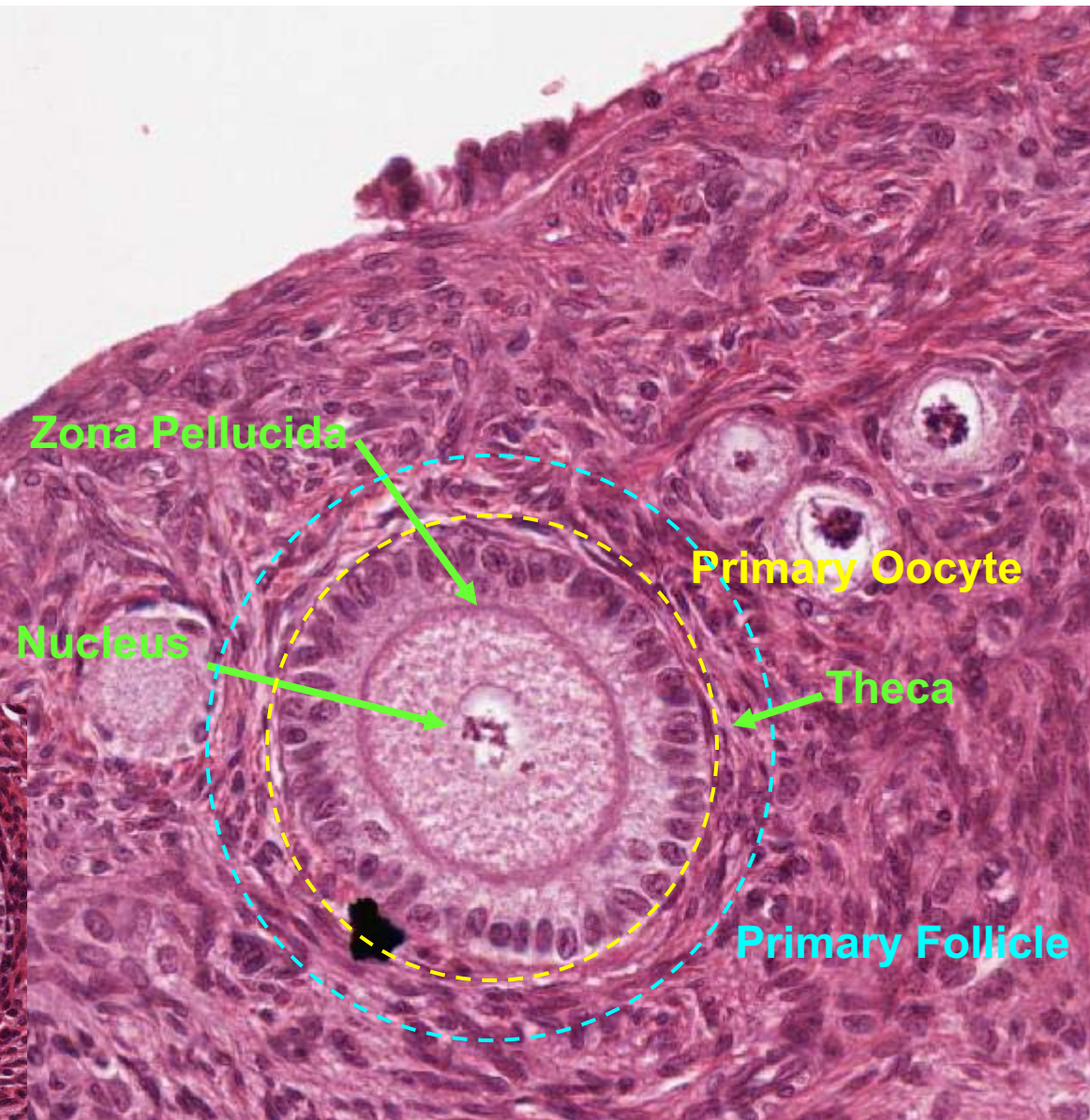
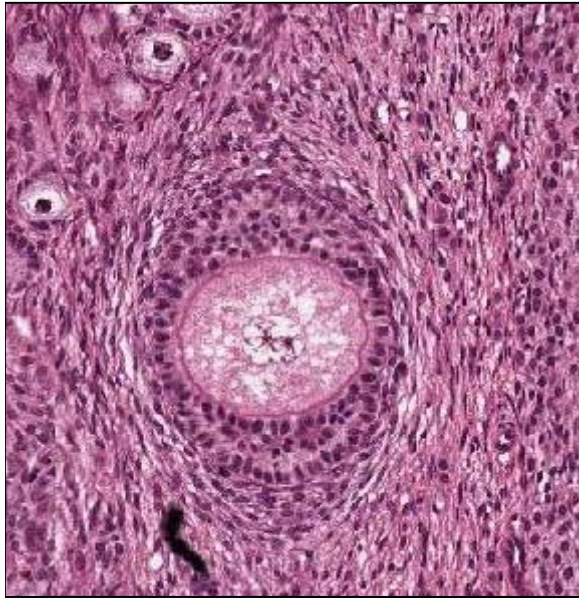
Ovary



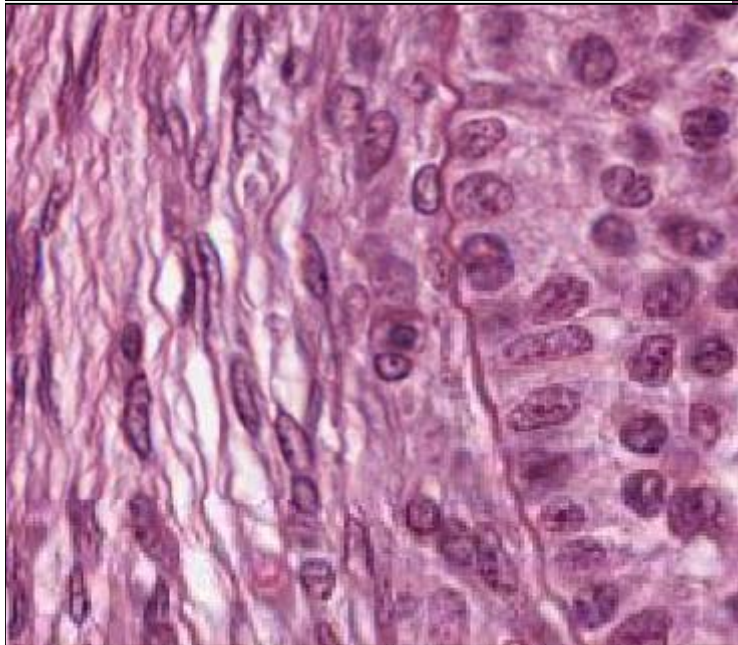
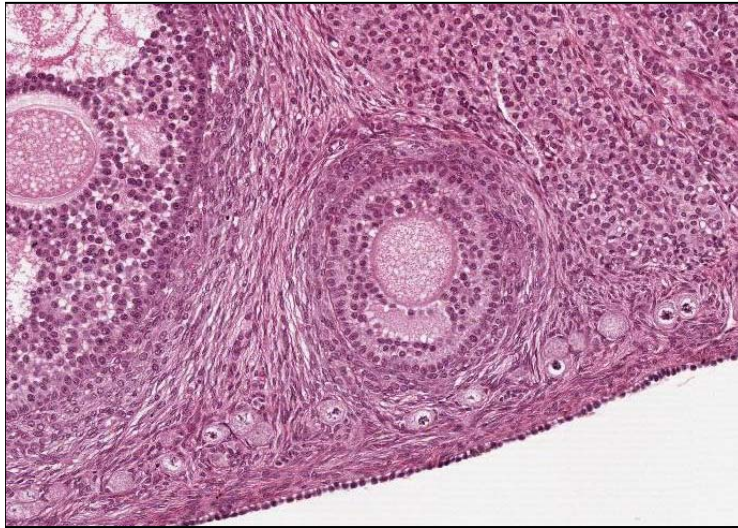
Ovary – Primordial Follicle



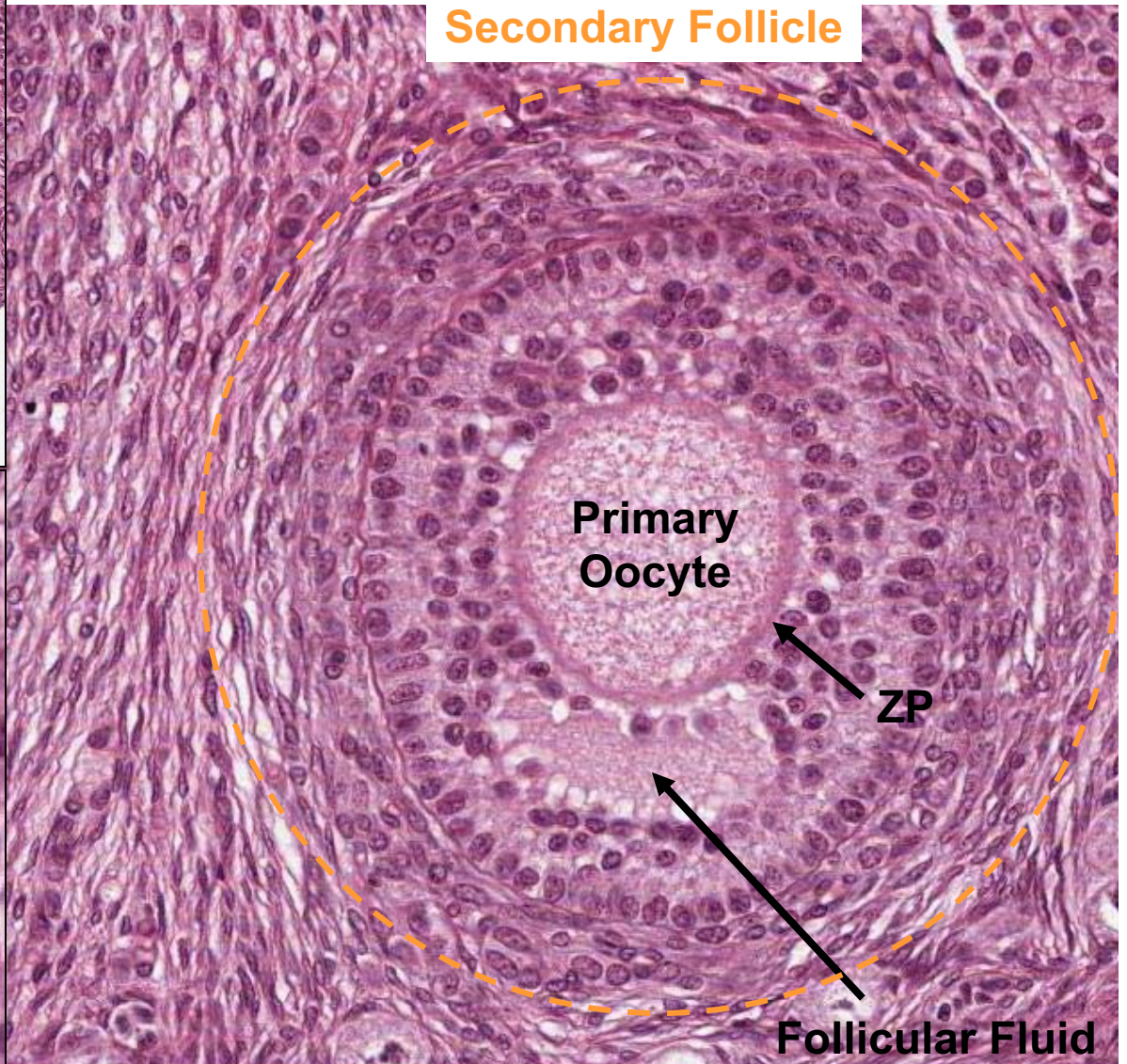
Ovary – Primary Oocyte + Primary Follicle



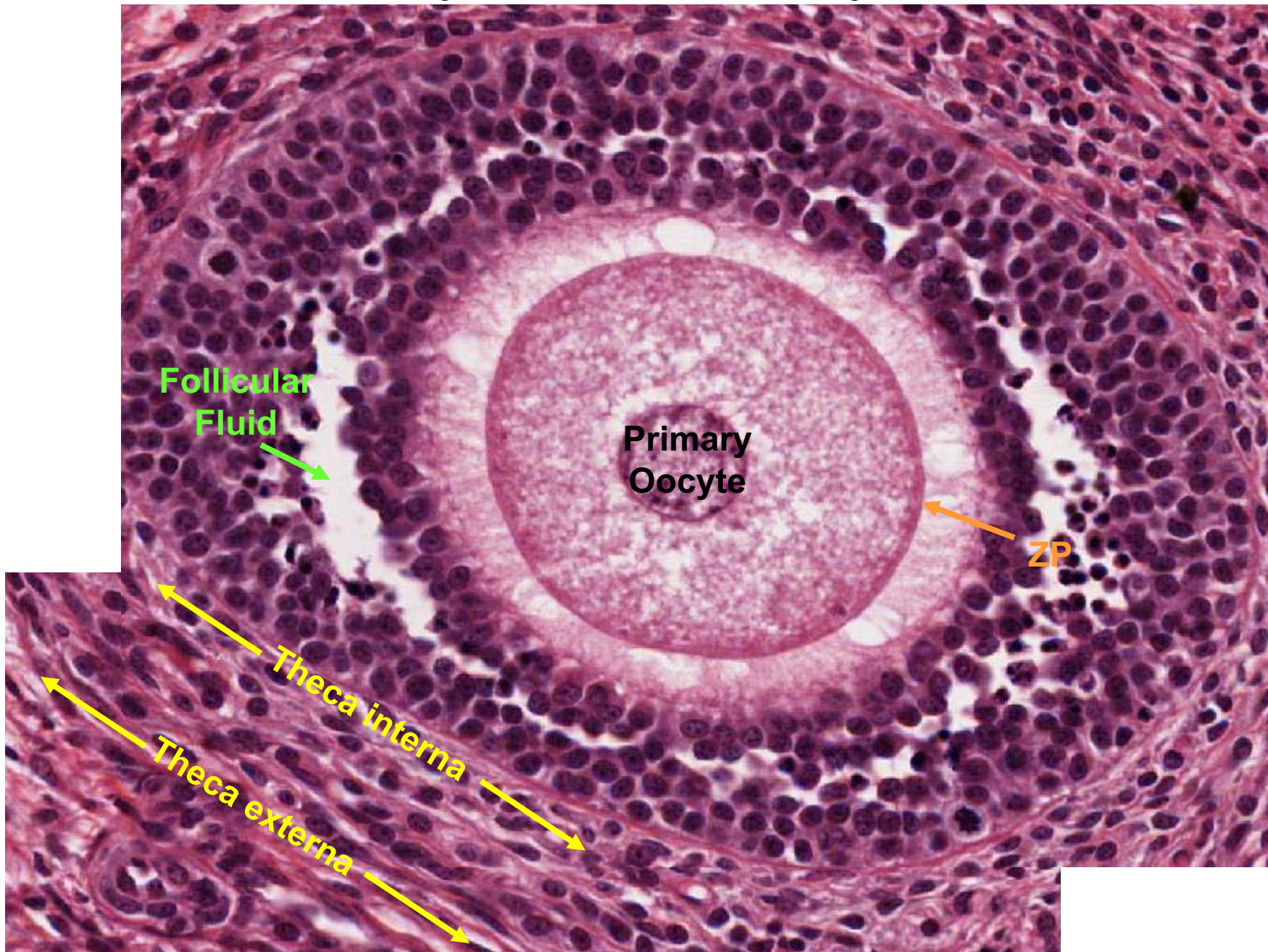
Ovary – Secondary Follicle



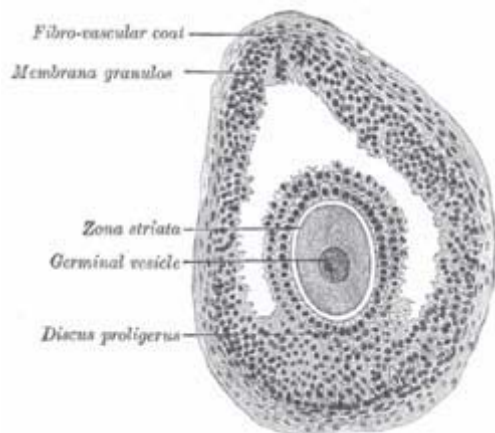
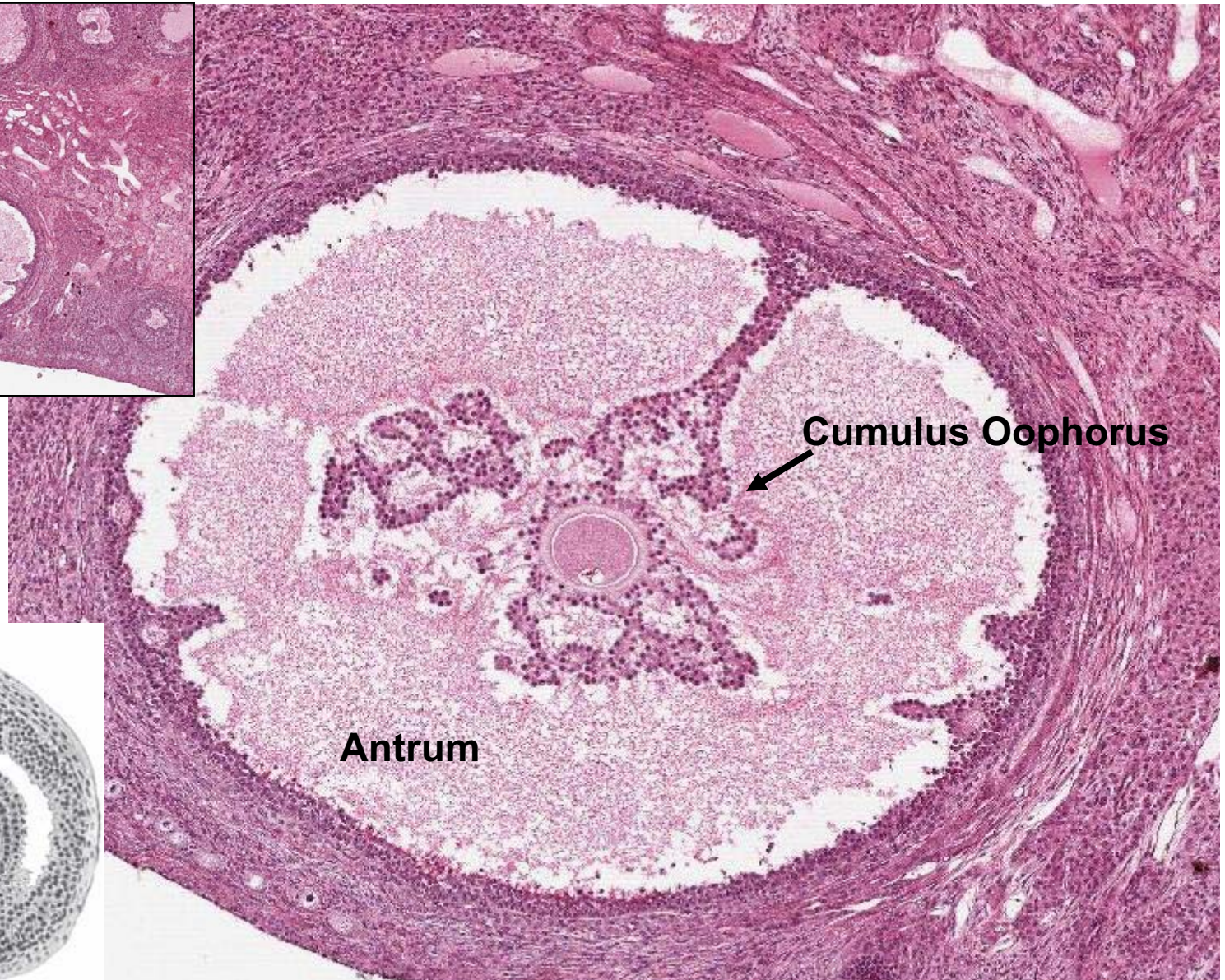
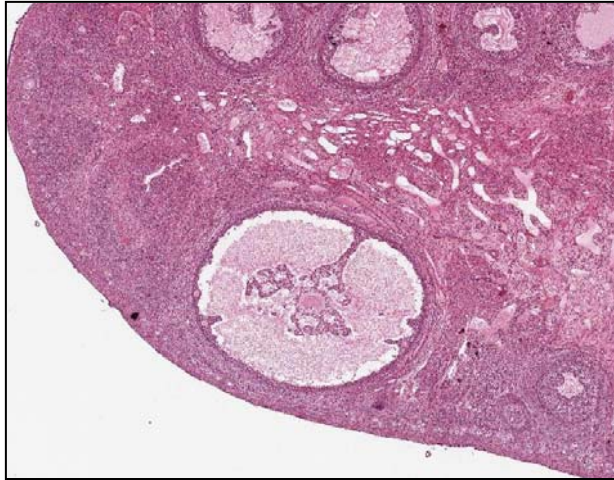
Theca externa Theca interna



Ovary – Secondary Follicle



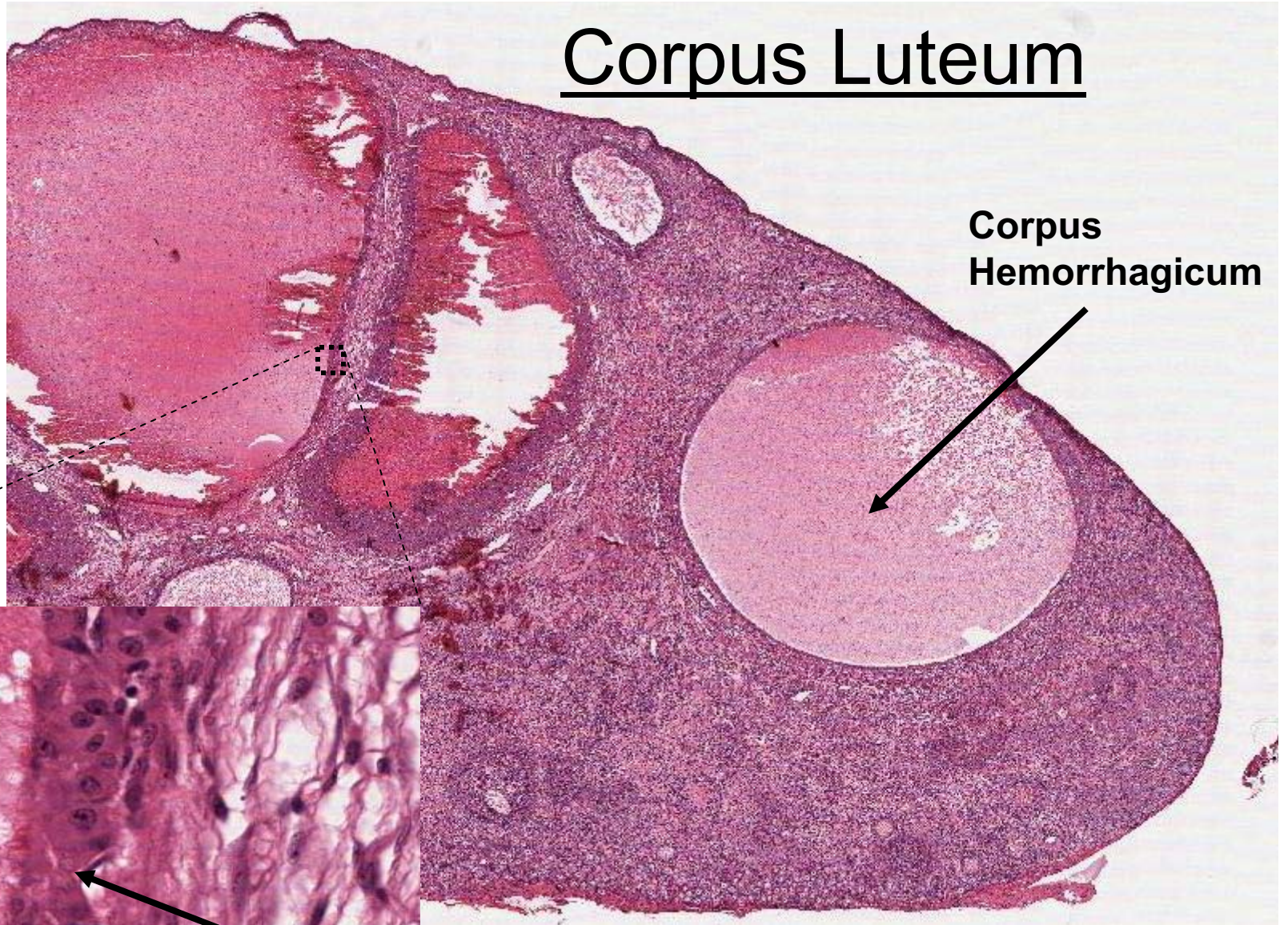
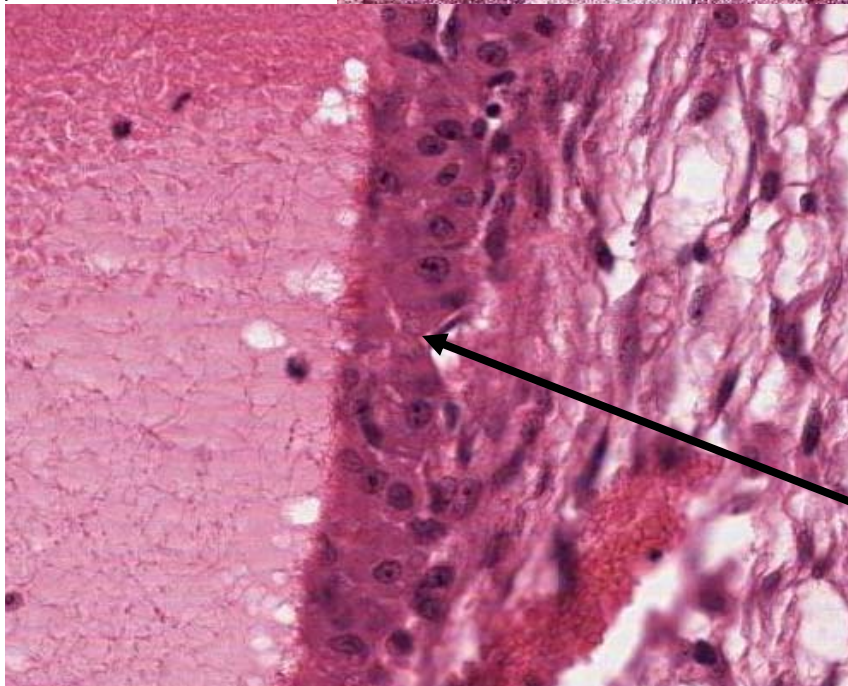
Ovary – Secondary Follicle



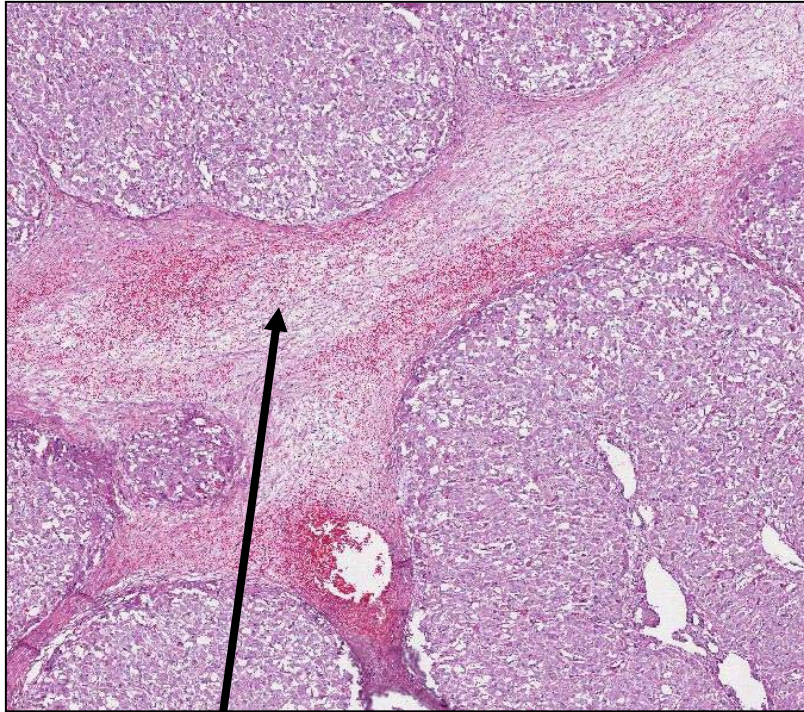
Corpus Luteum

Corpus
Hemorrhagicum

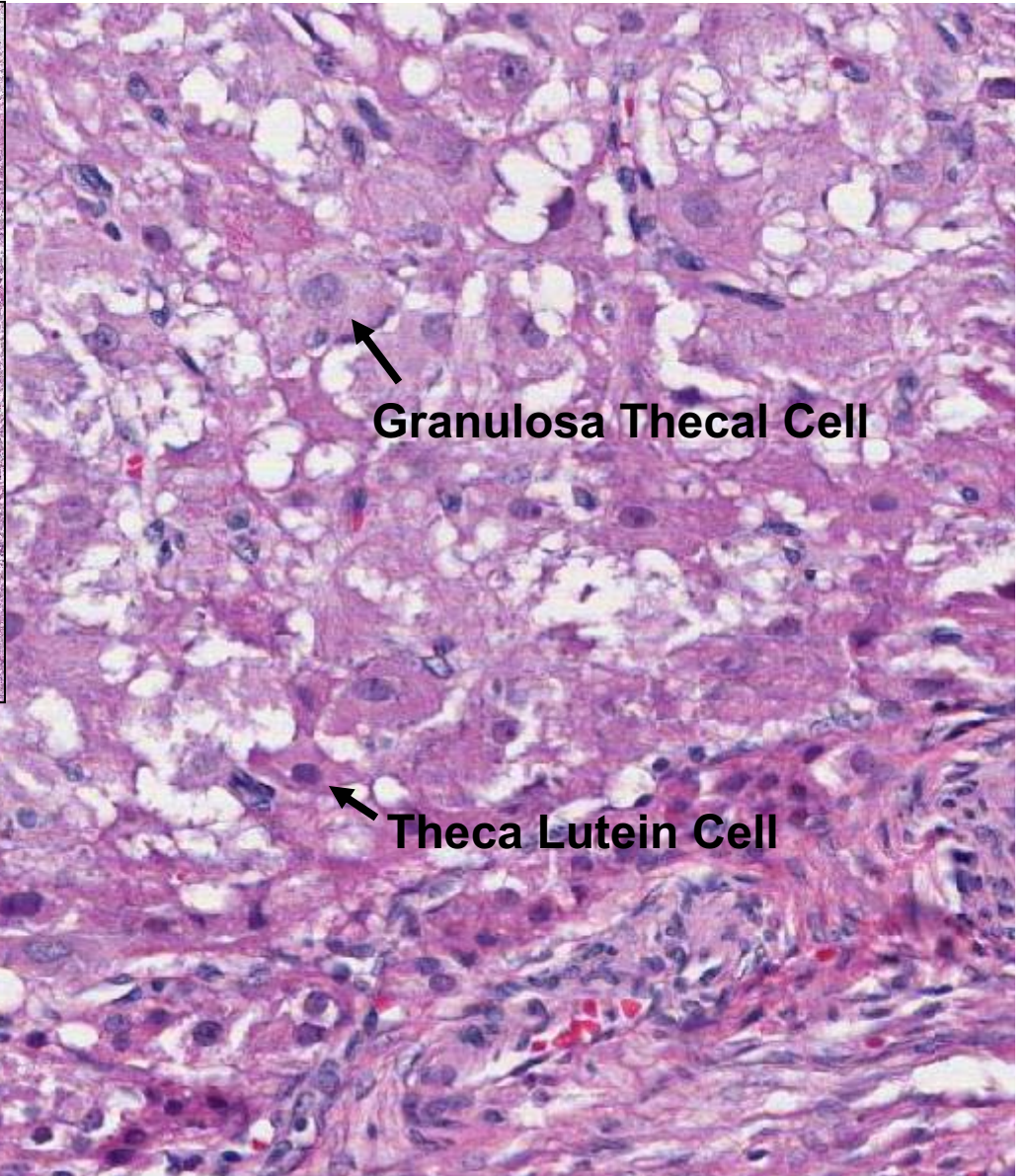
Granulosa Lutein Cells



Corpus Luteum



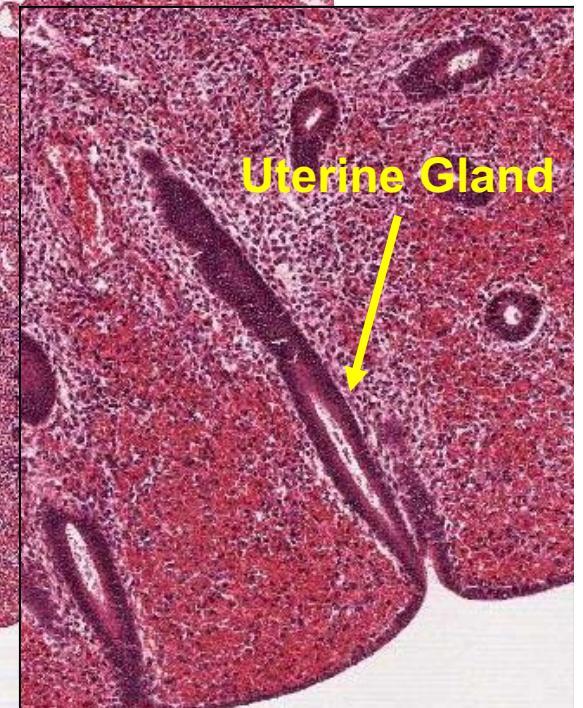
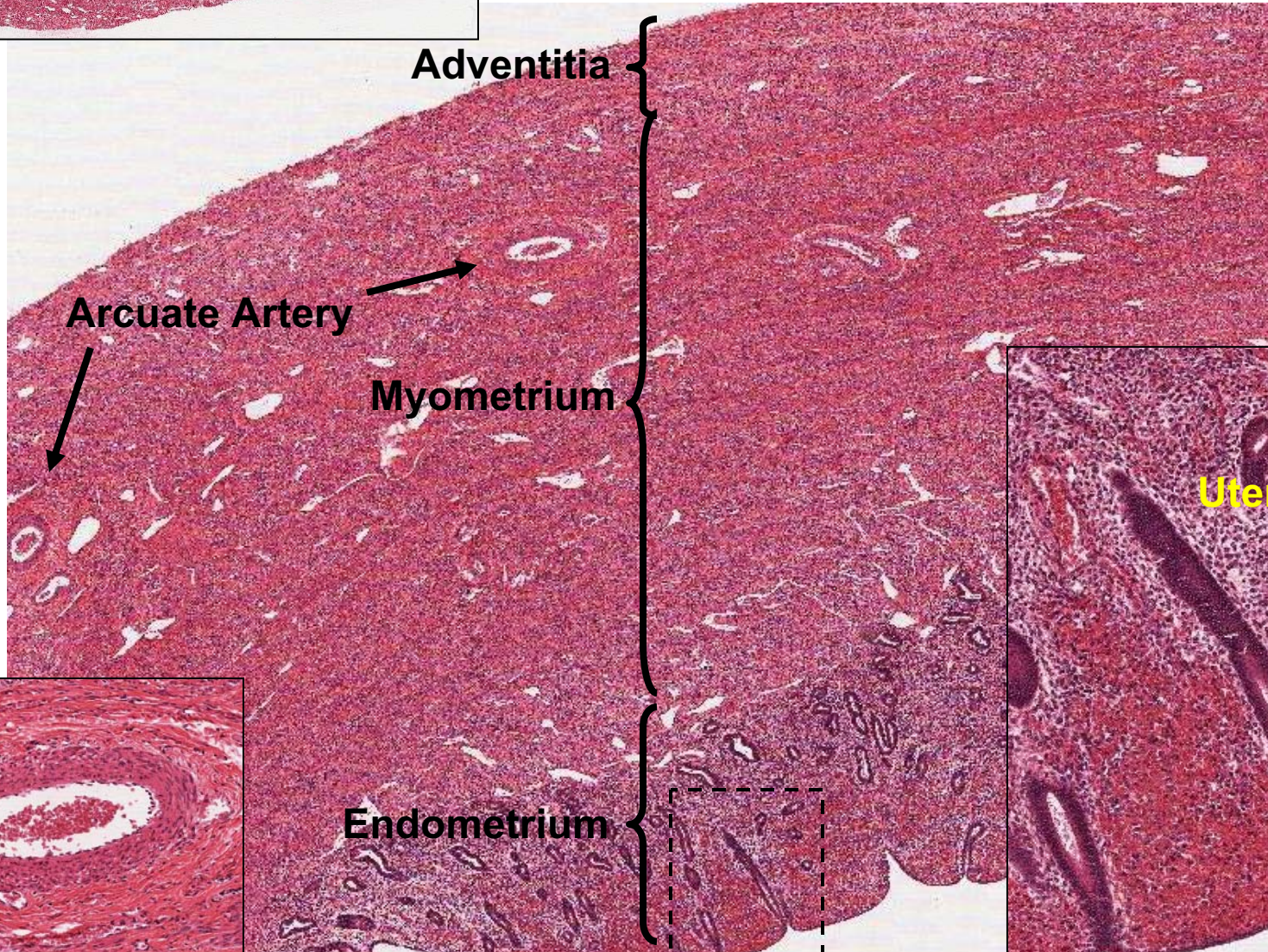
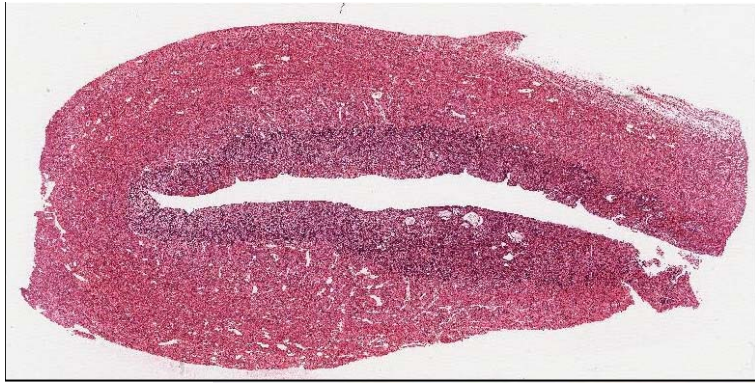
Residual Antrum



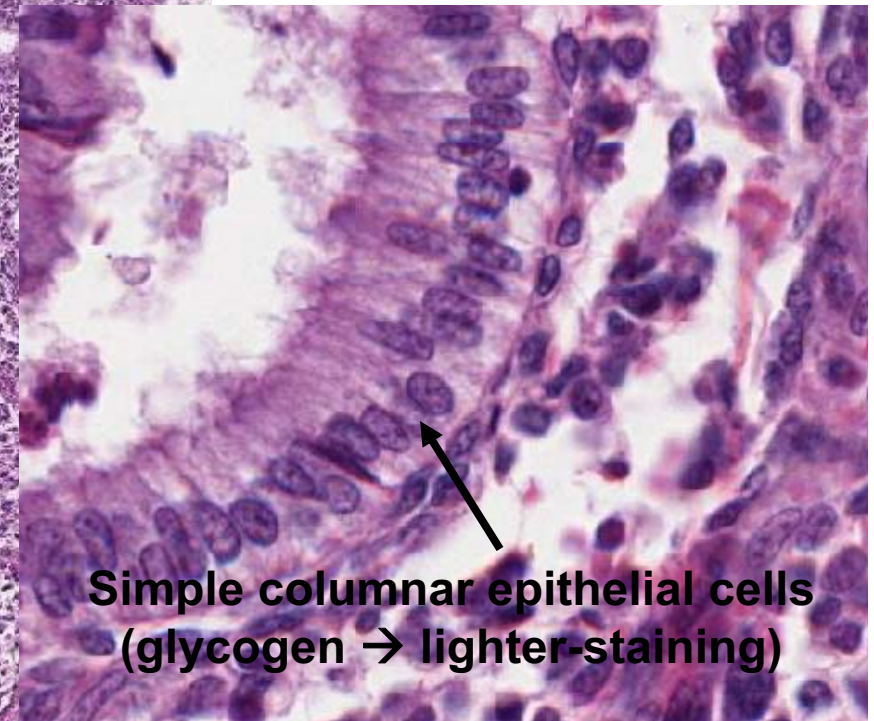
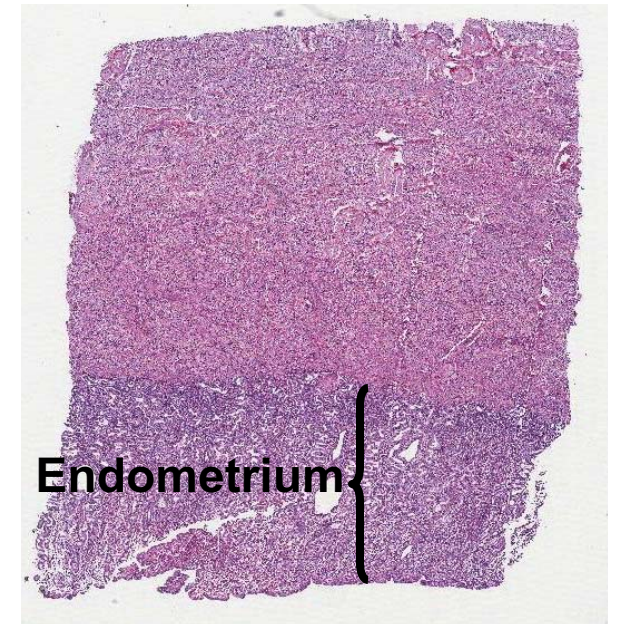
Granulosa Thecal Cell

Theca Lutein Cell

Uterus – Follicular Phase



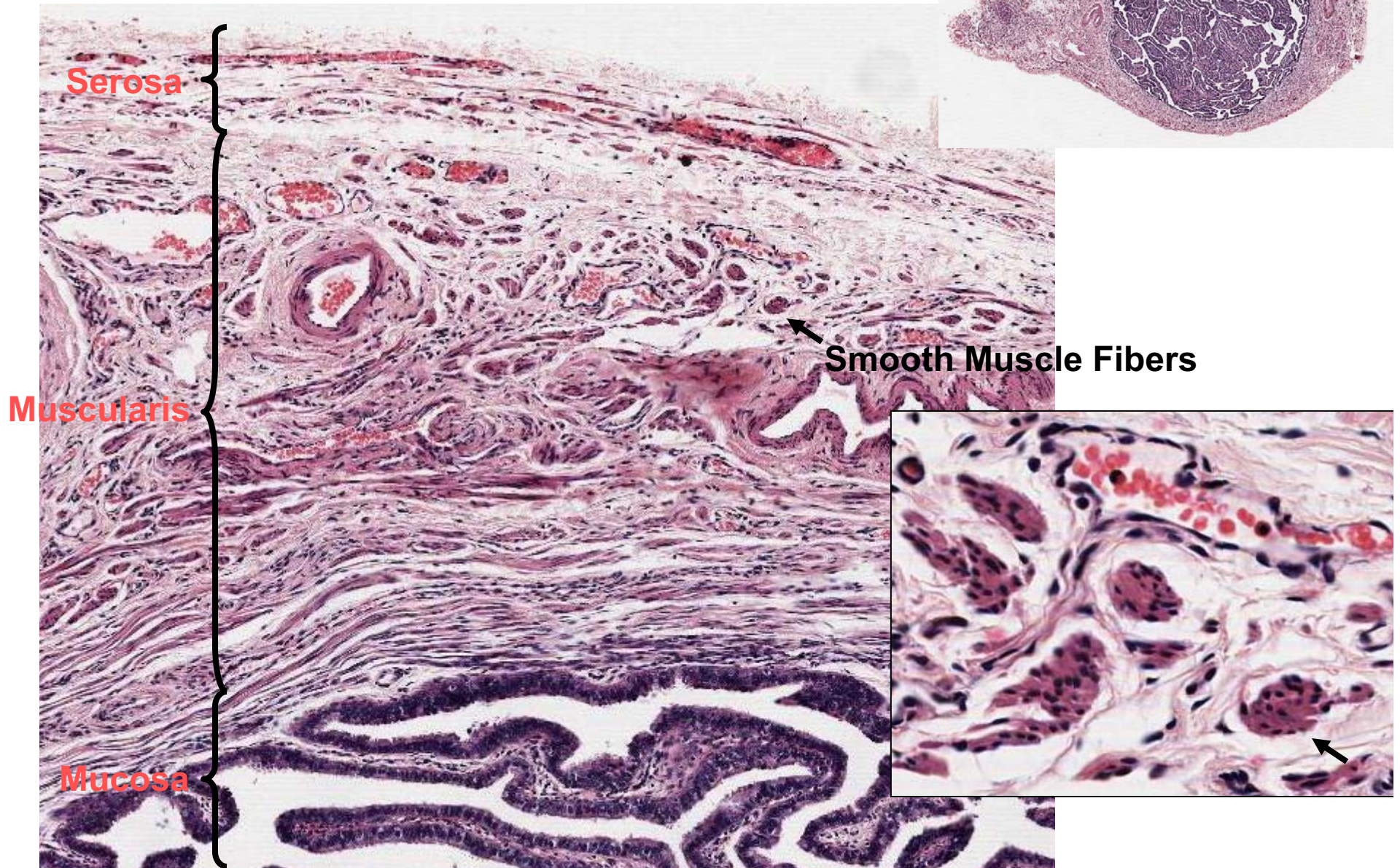
Uterus – Luteal Phase



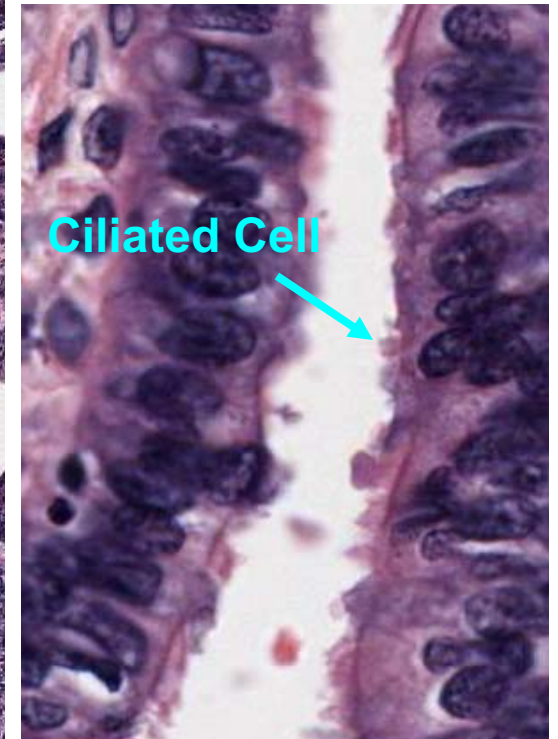
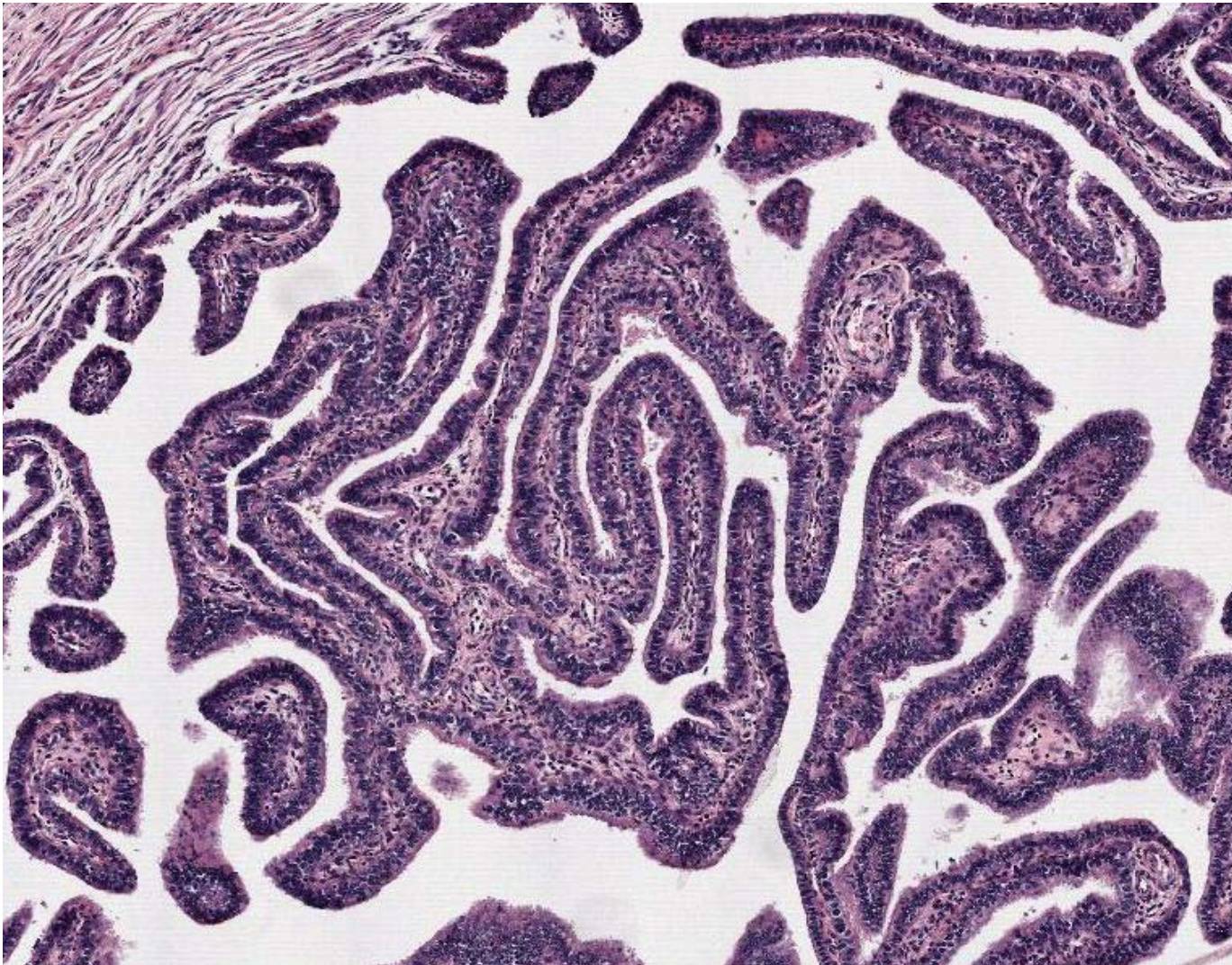
Uterus – Luteal Phase

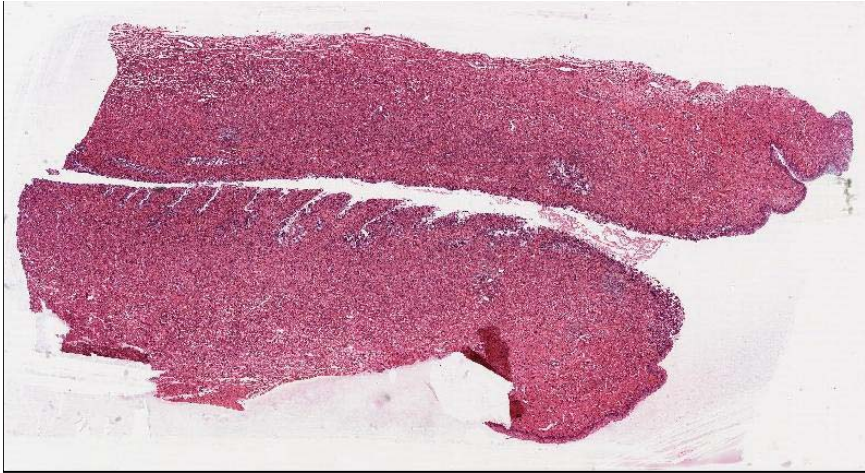


Uterine Tube

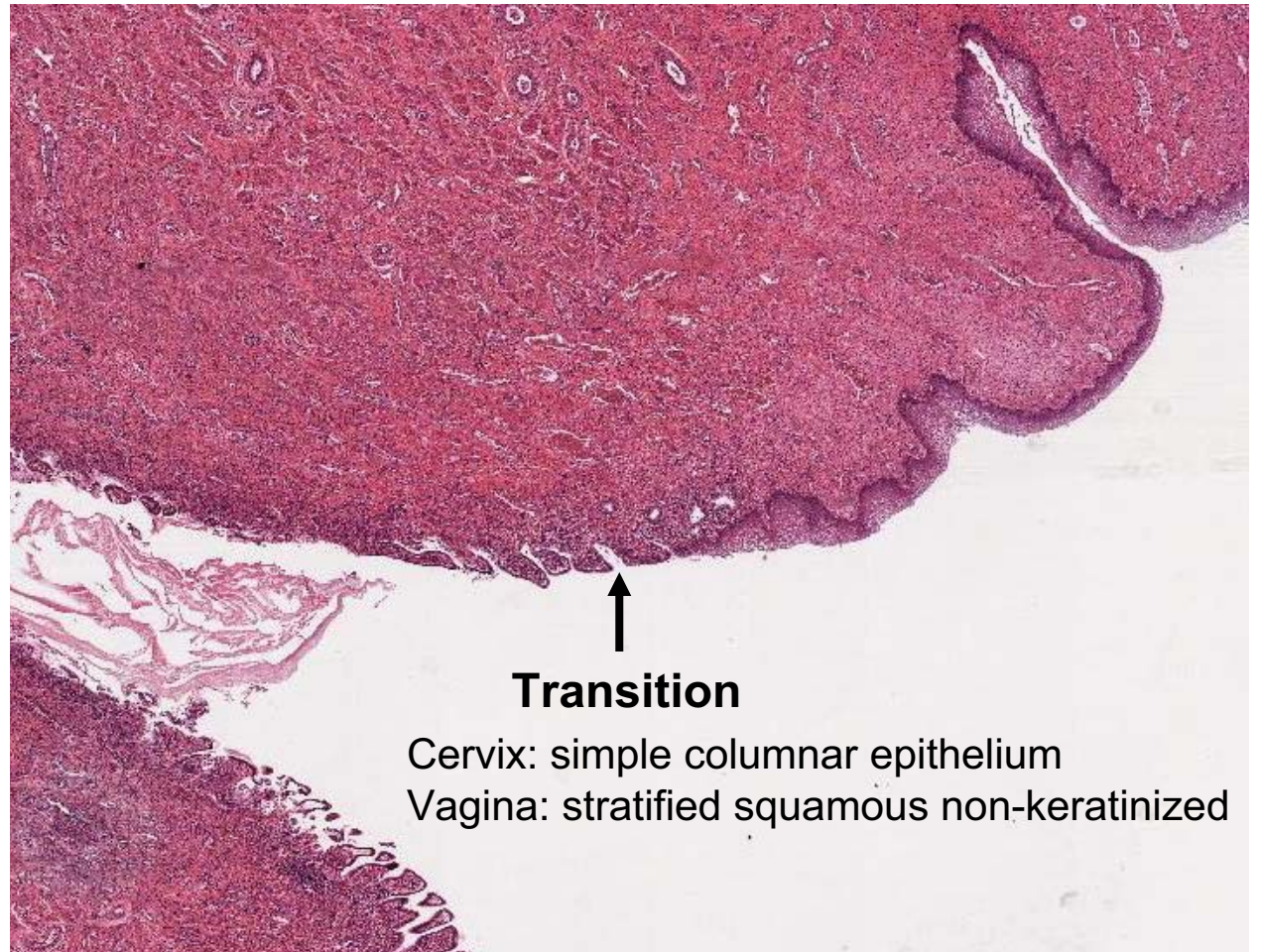


Uterine Tube – Mucosa Folds





Cervix

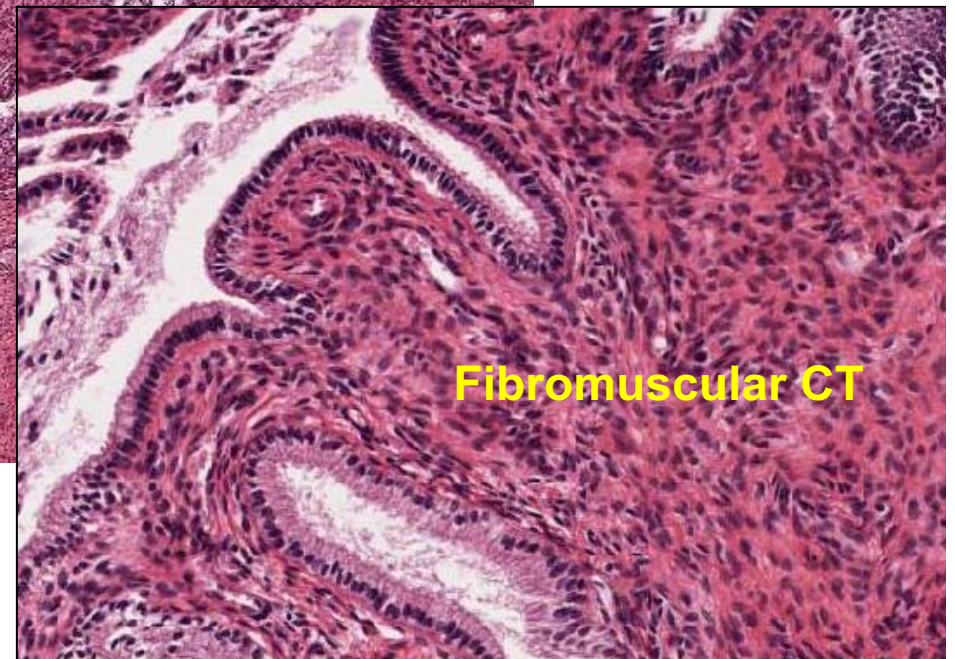
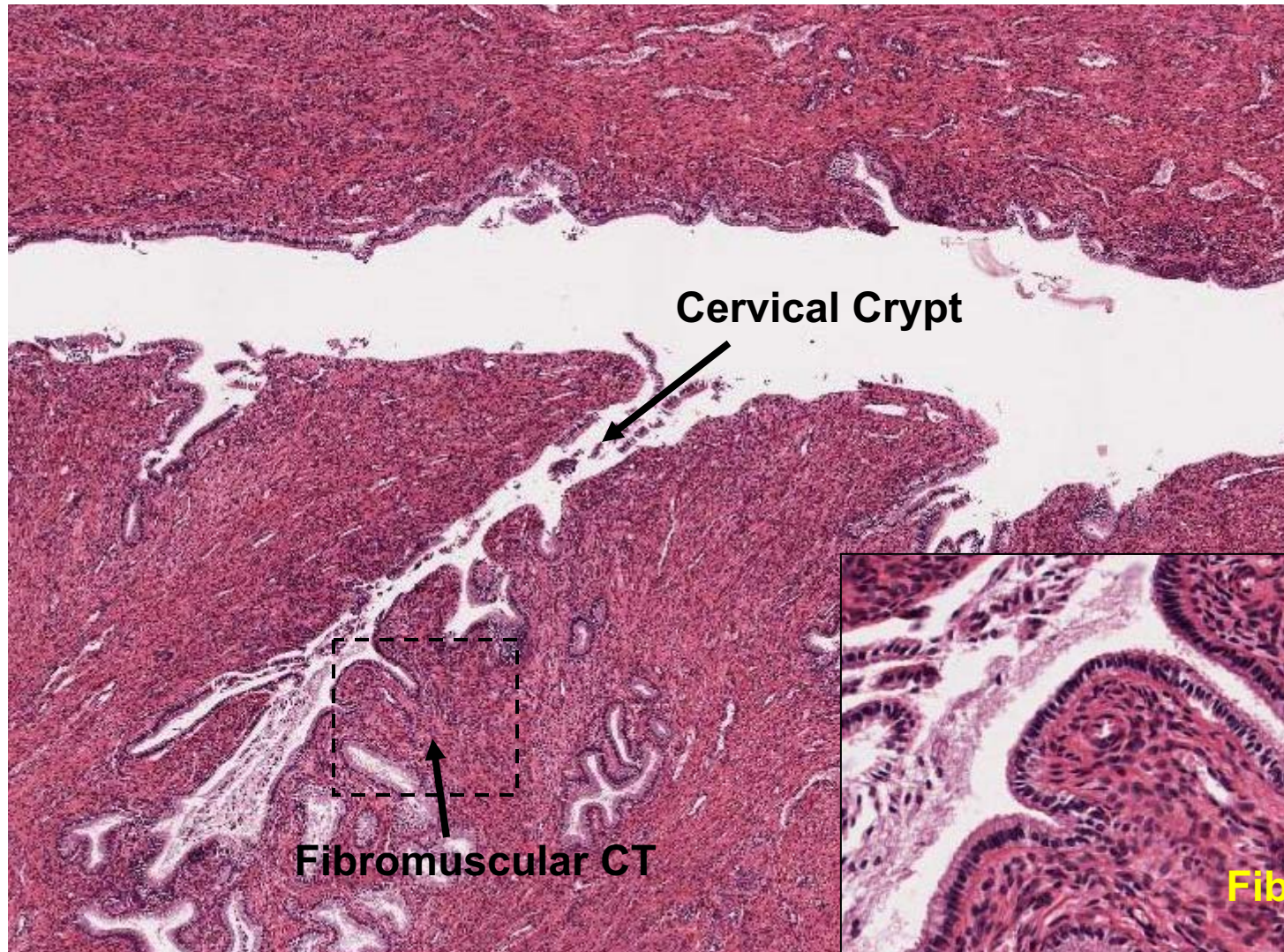


Transition

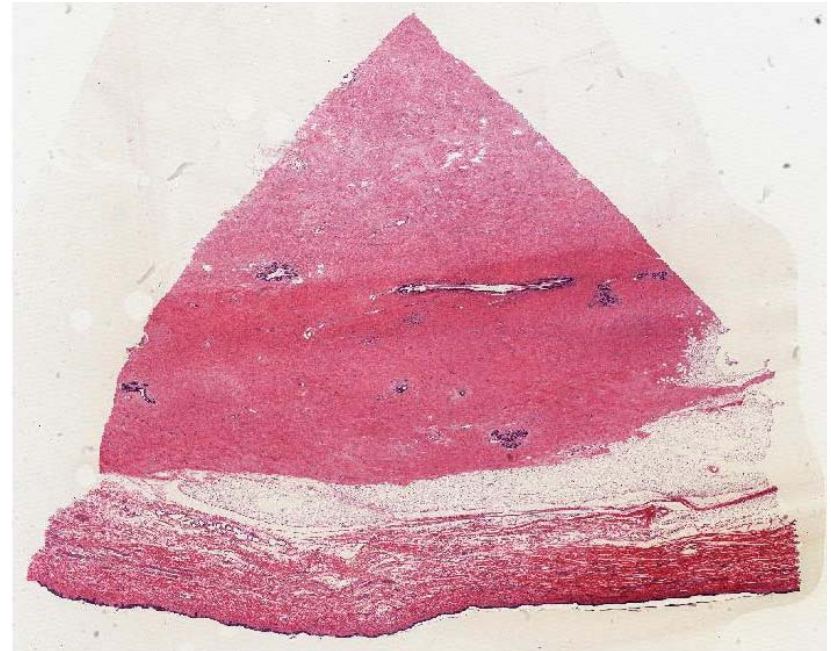
Cervix: simple columnar epithelium

Vagina: stratified squamous non-keratinized

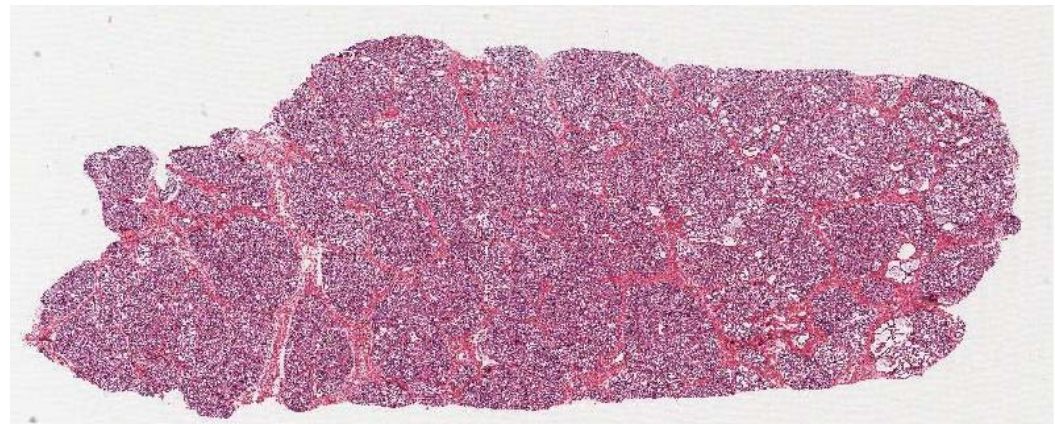
Cervix



Breast Tissue

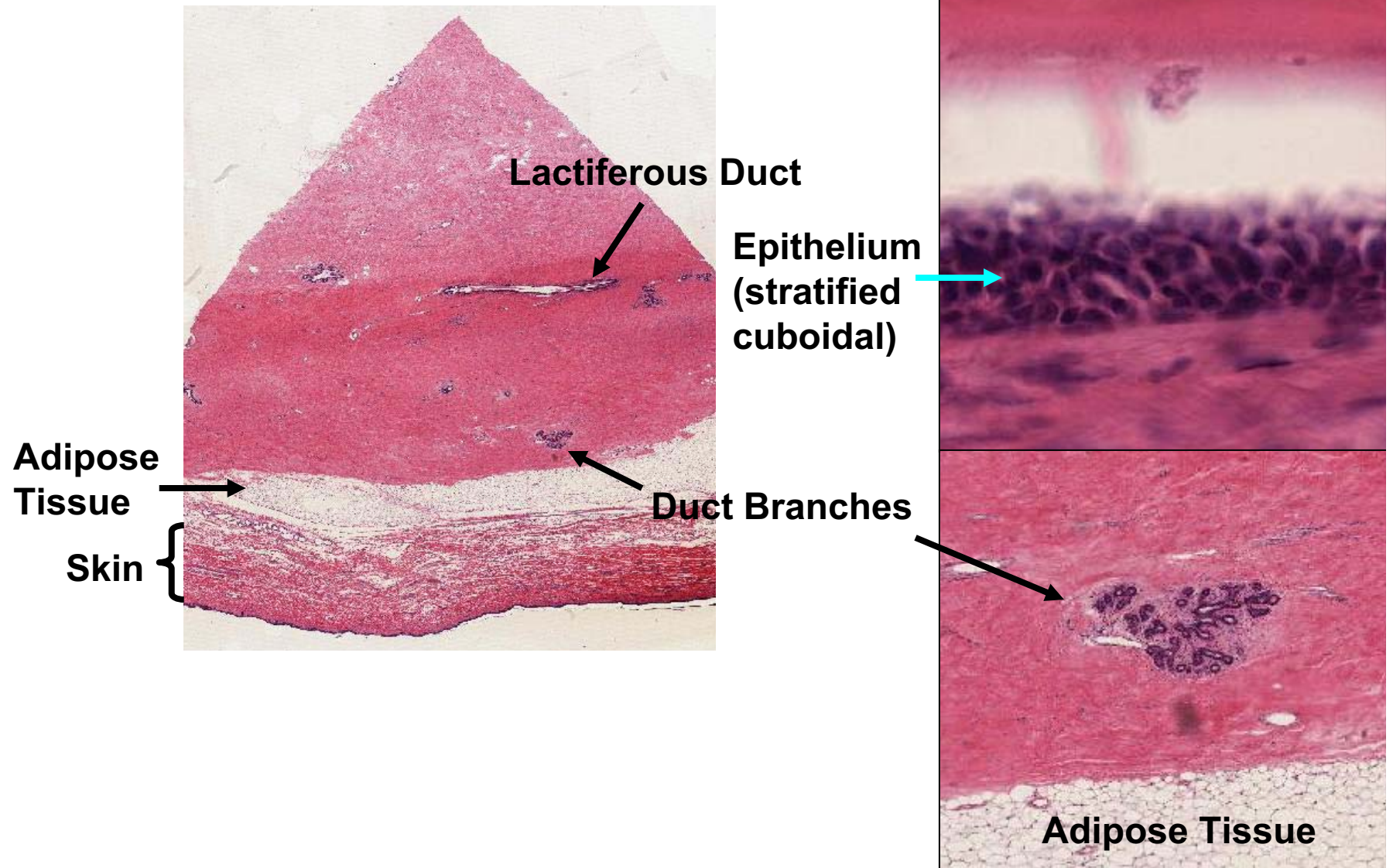


Non-Lactating

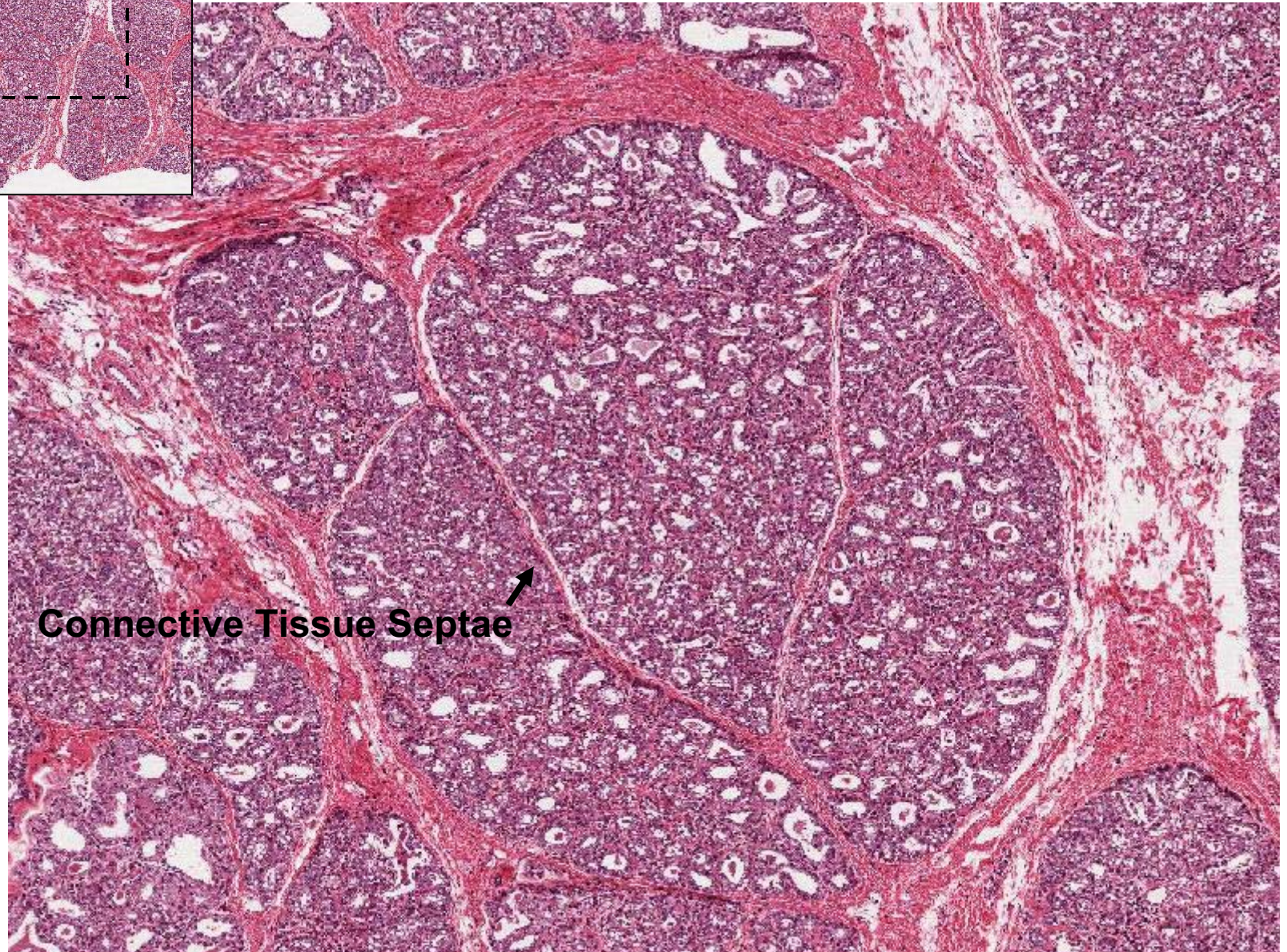
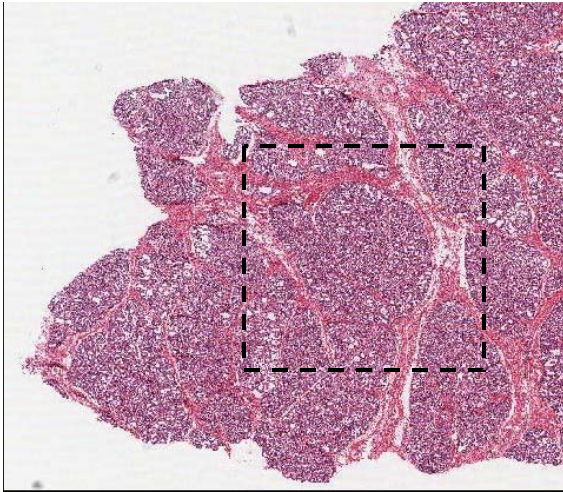


Lactating

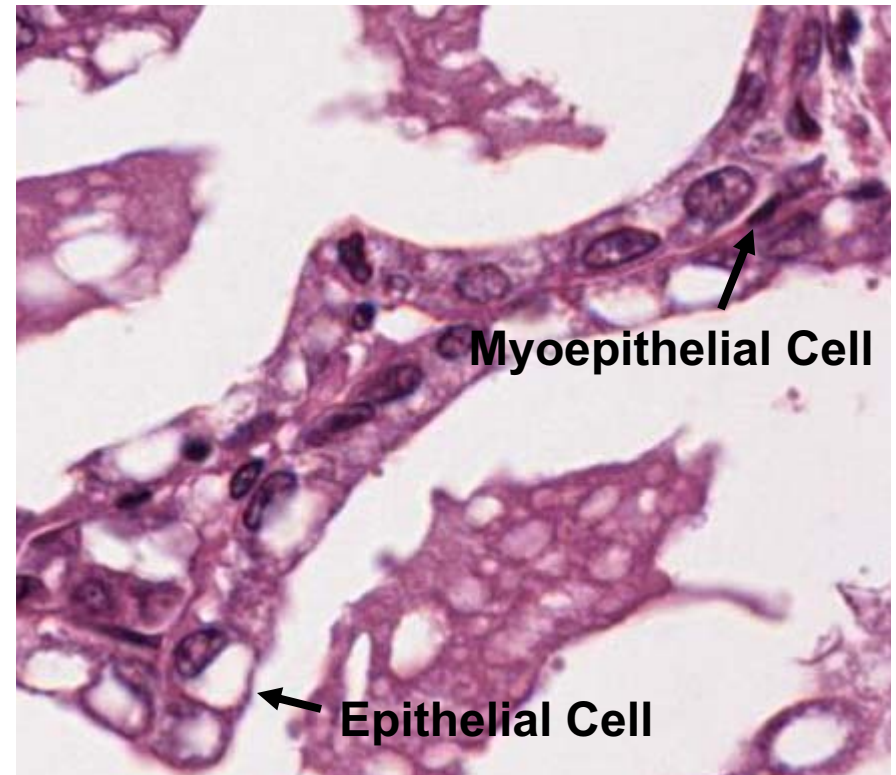
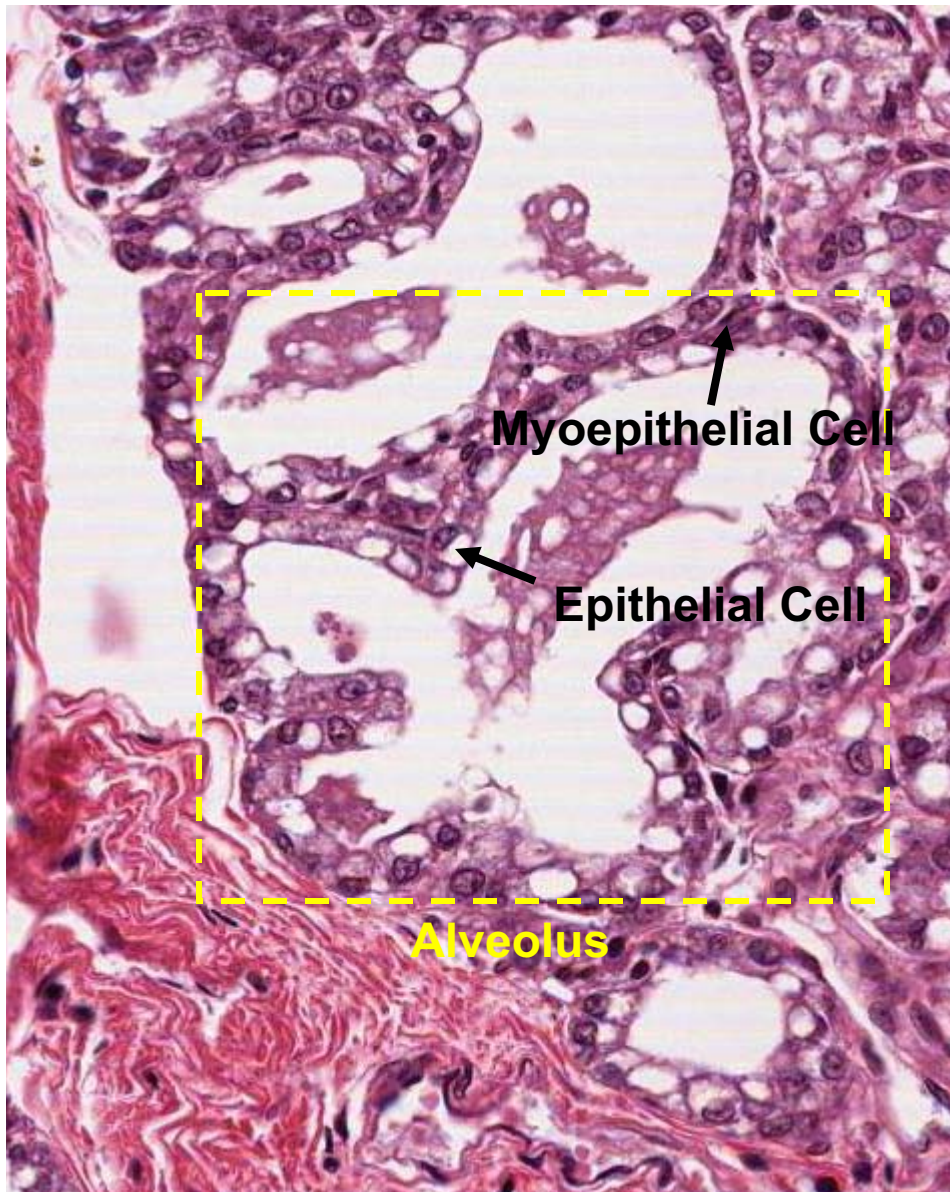
Breast – Non-lactating



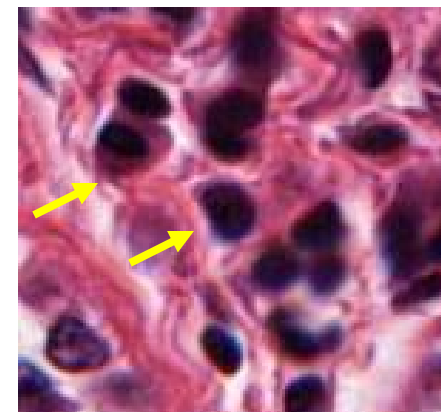
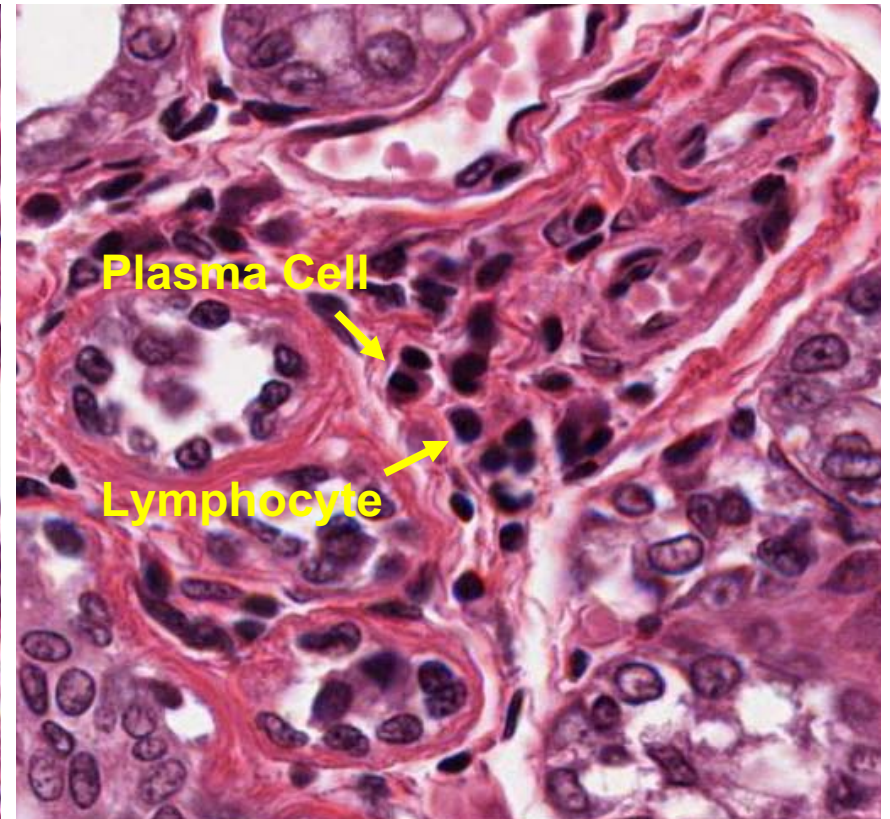
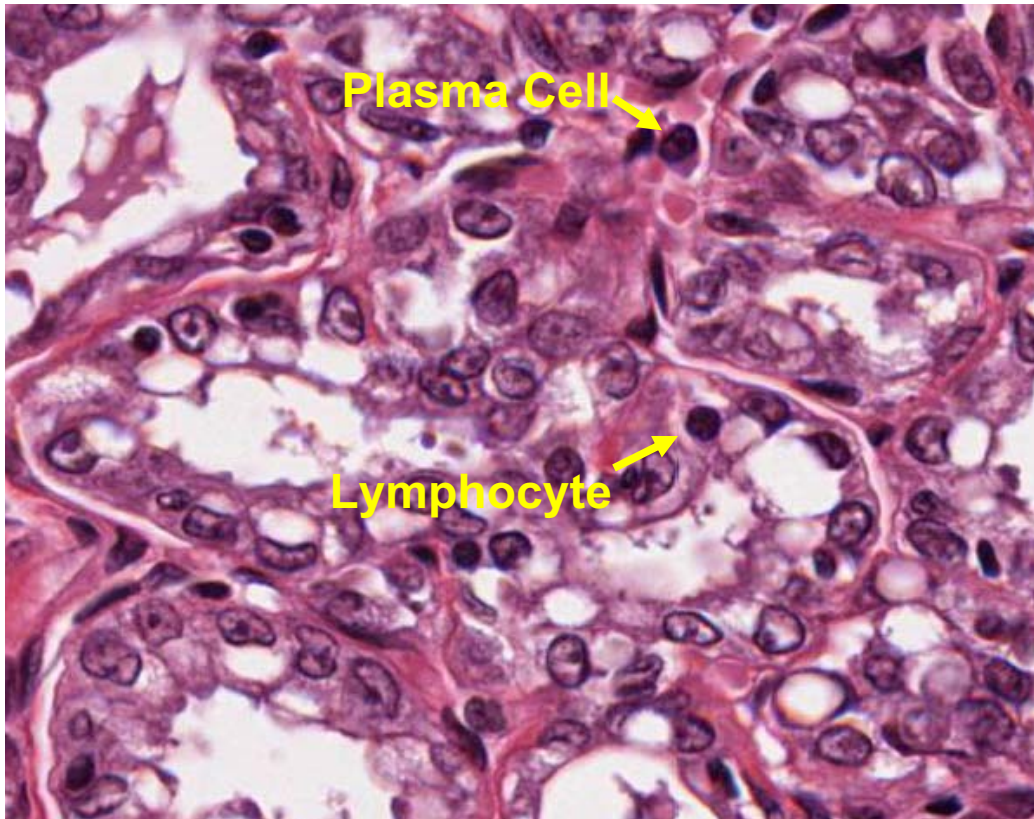
Breast – Lactating – Lobule



Breast – Lactating – Alveolus



Breast – Lactating – Lymphocytes + Plasma Cells

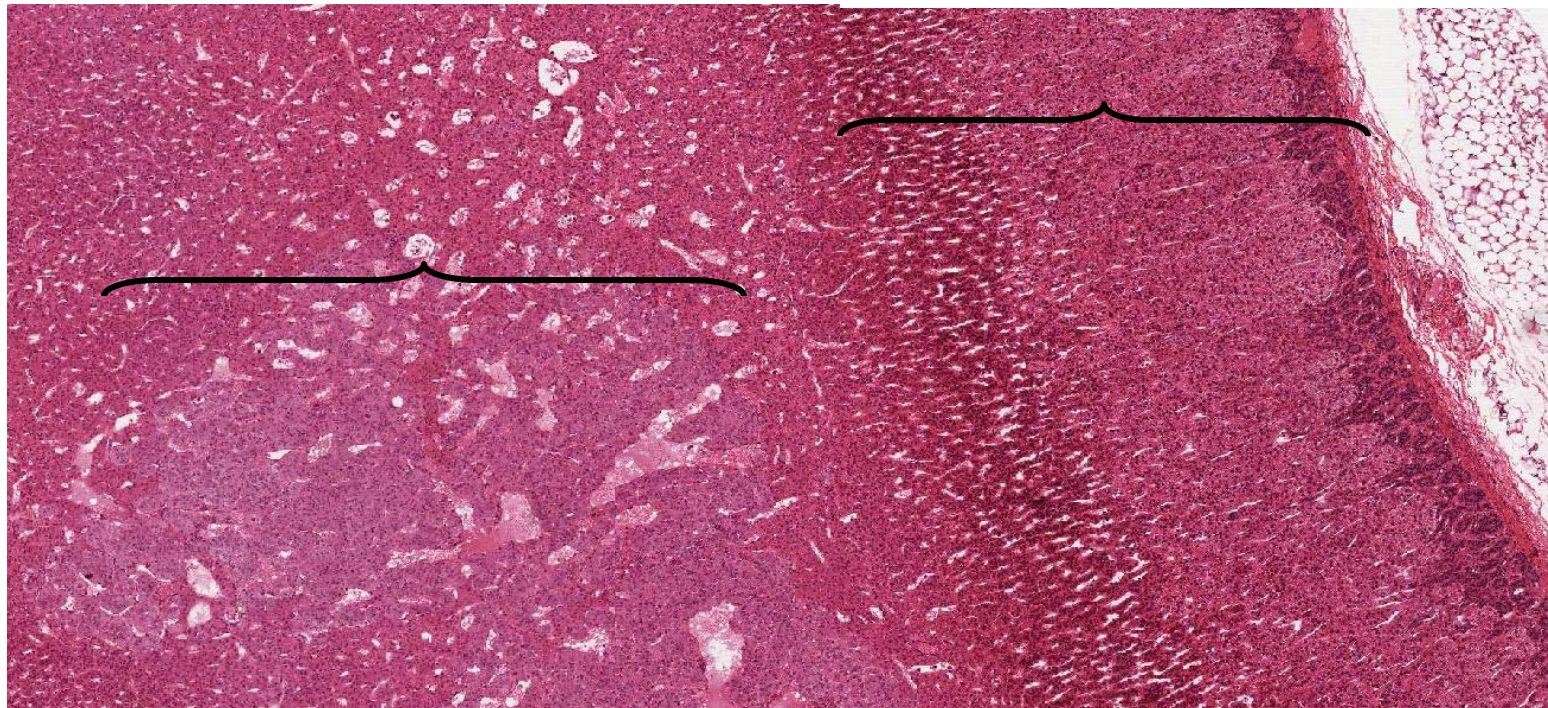


Adrenal Gland



Medulla

Cortex

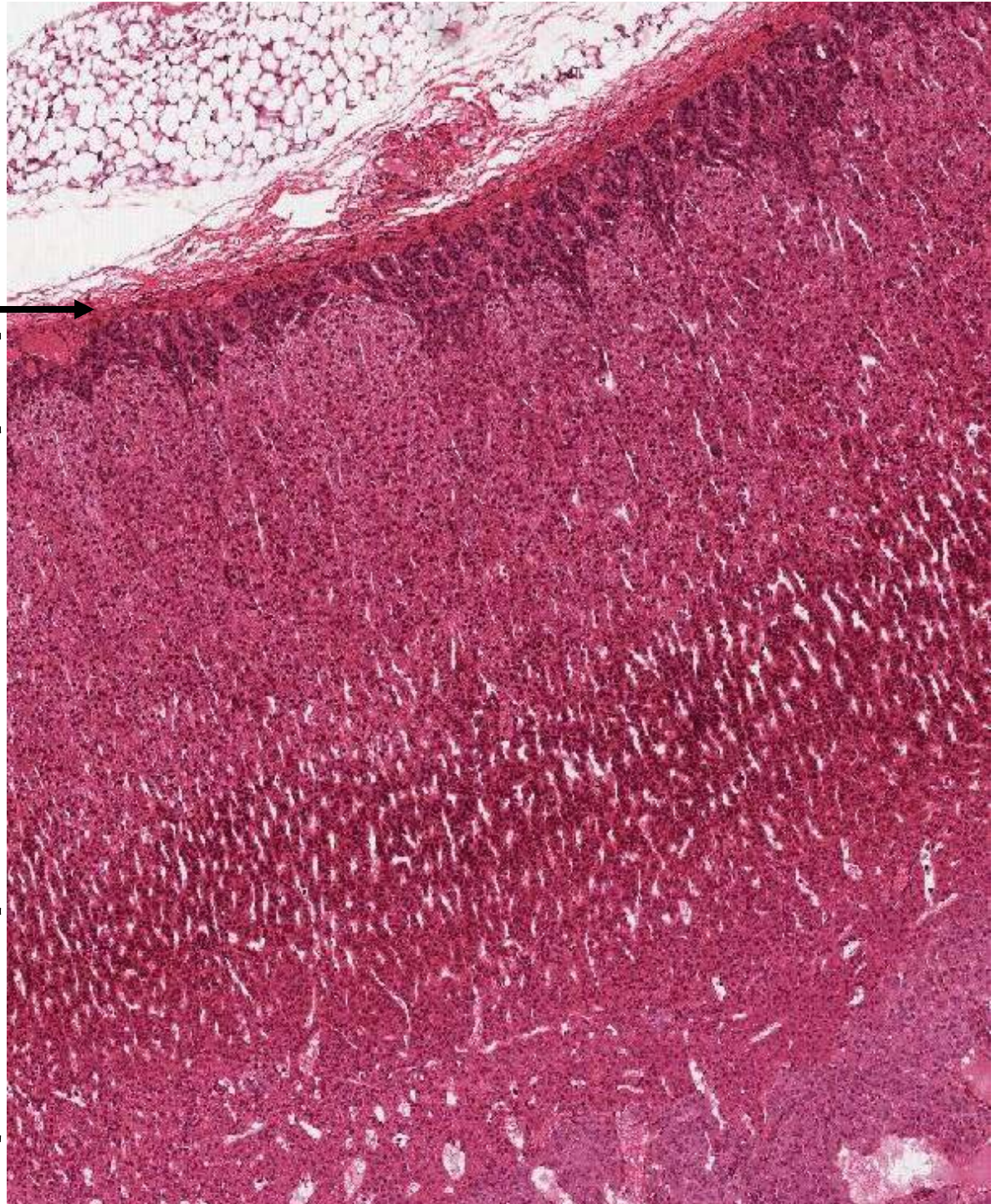


Adrenal Cortex: Layers

Capsule →
Zona Glomerulosa {

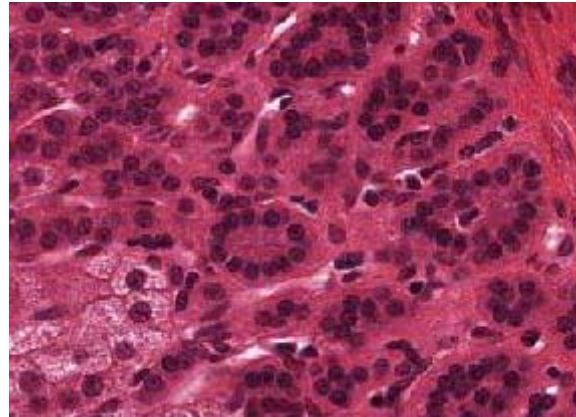
Zona Fasciculata {

Zona Reticularis {

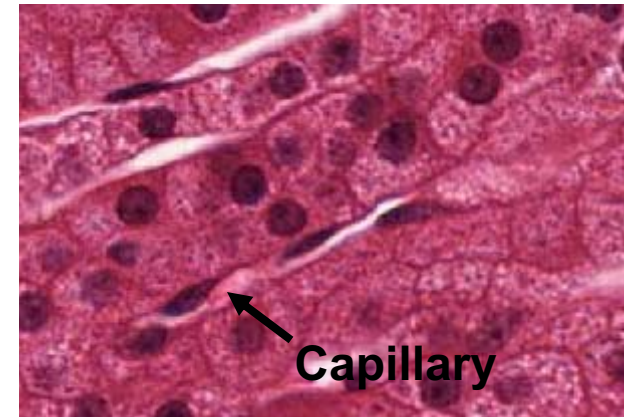
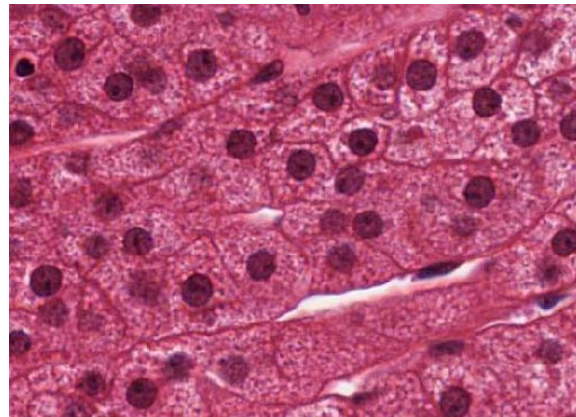


Adrenal Cortex

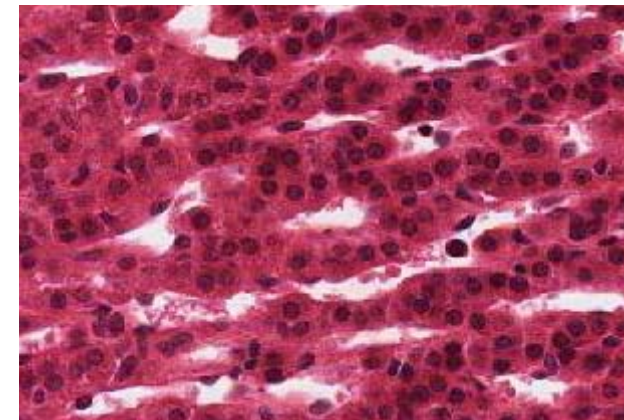
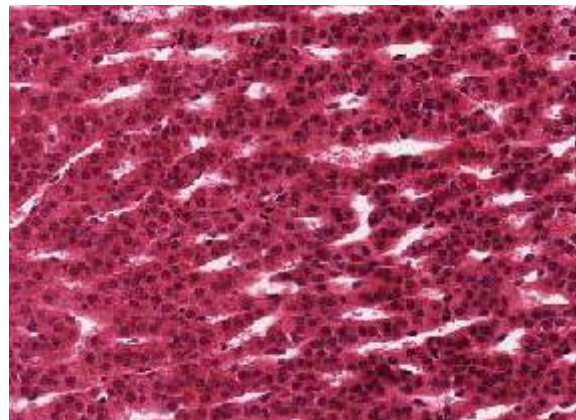
Zona Glomerulosa



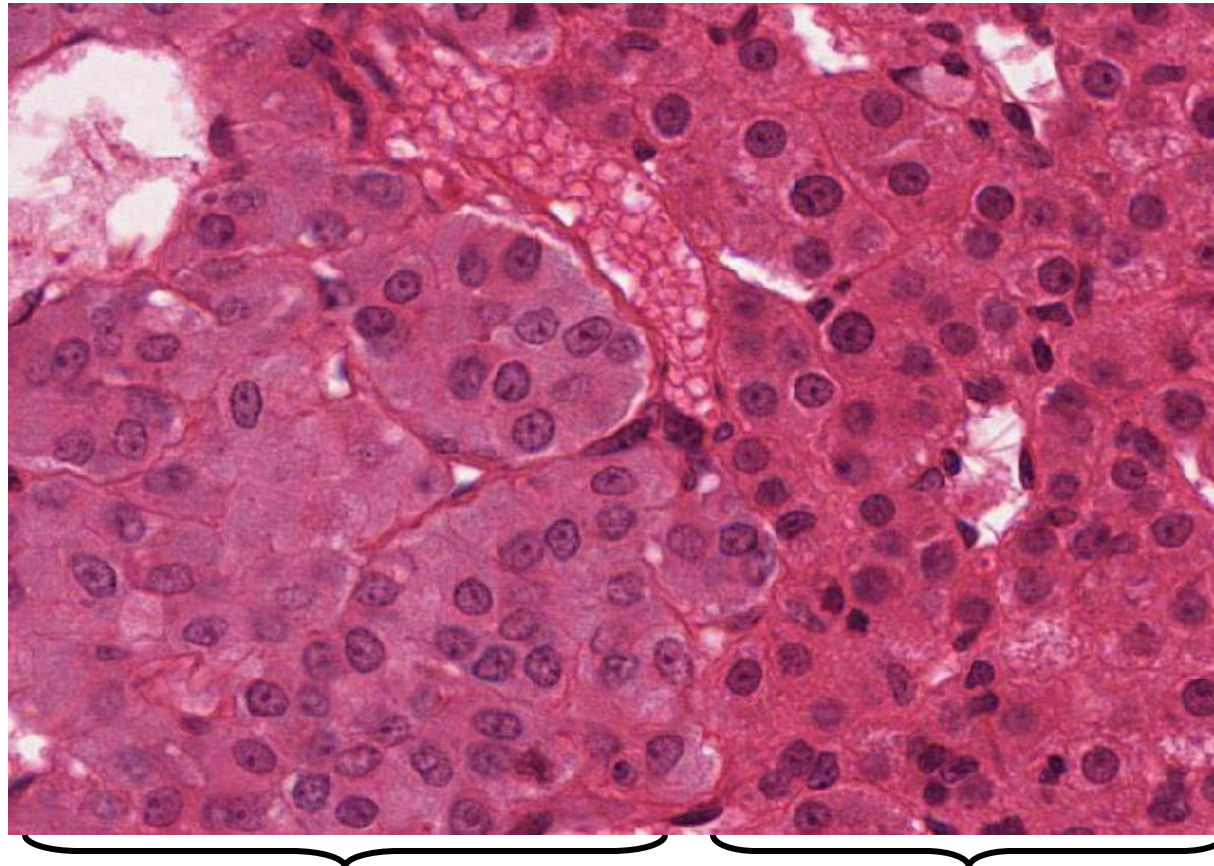
Zona Fasciculata



Zona Reticularis



Adrenal Medulla



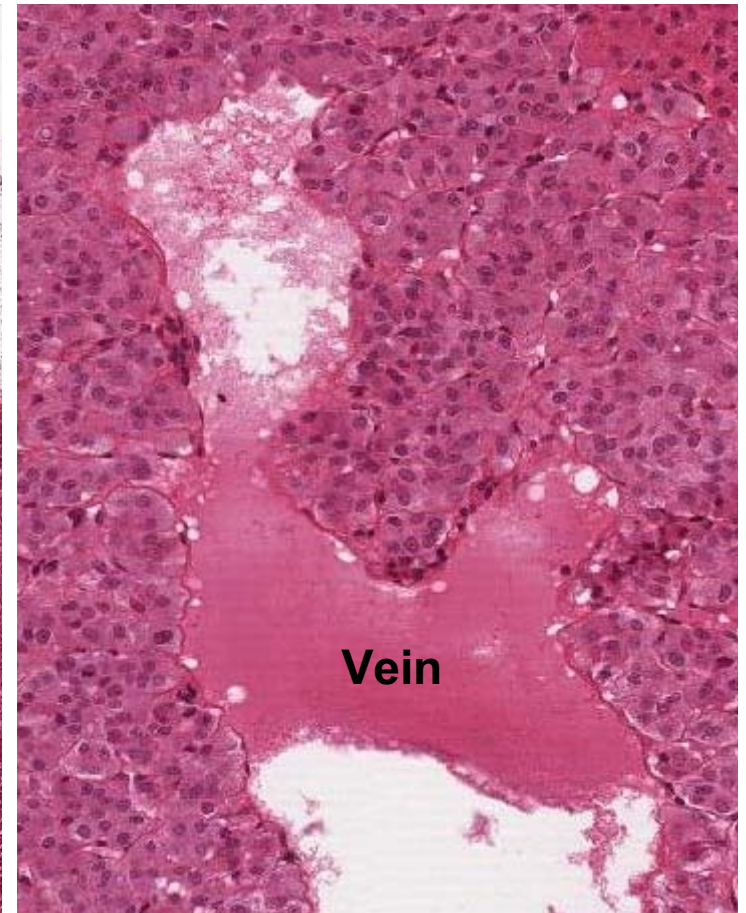
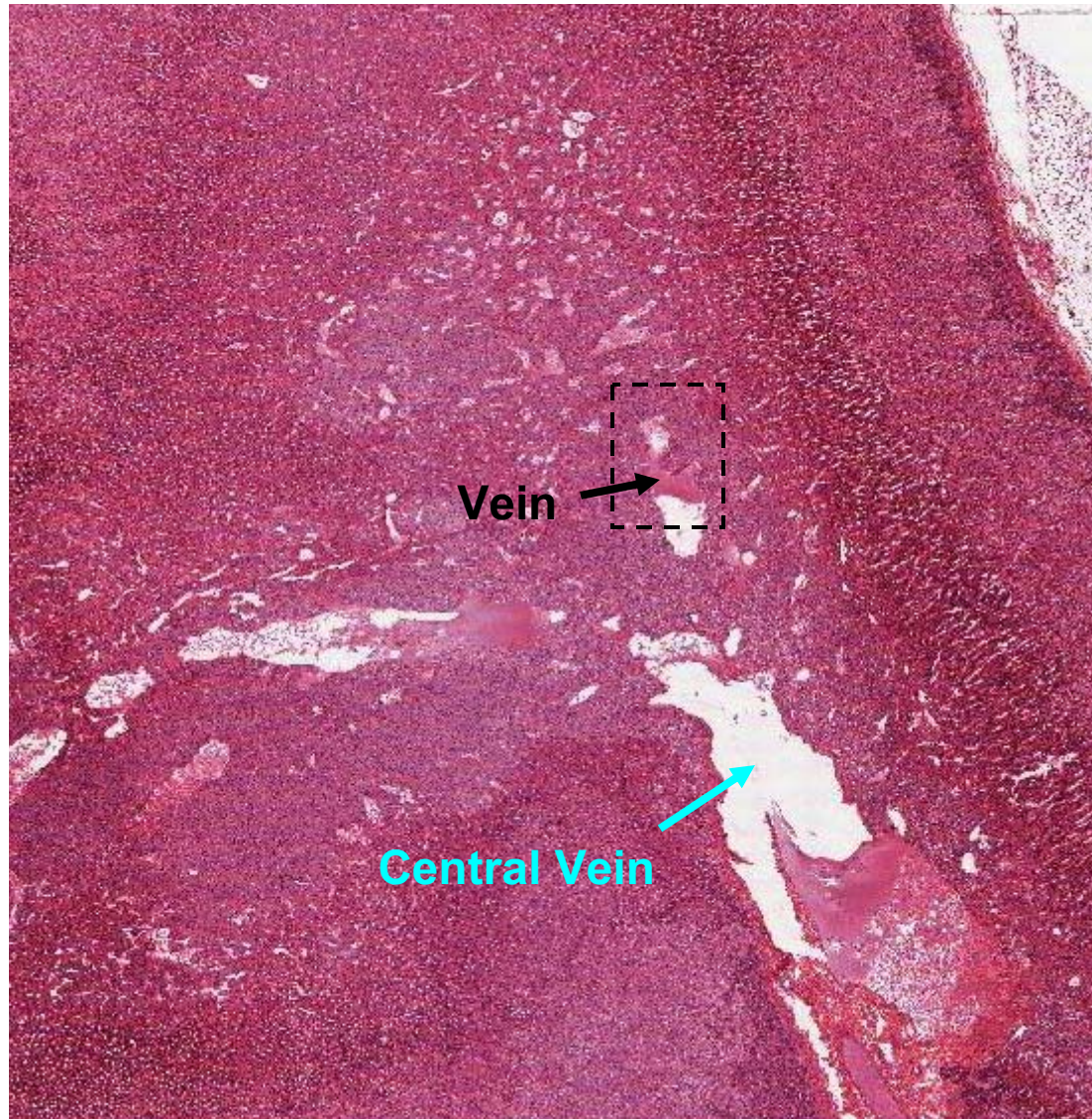
Medulla

Zona Reticularis

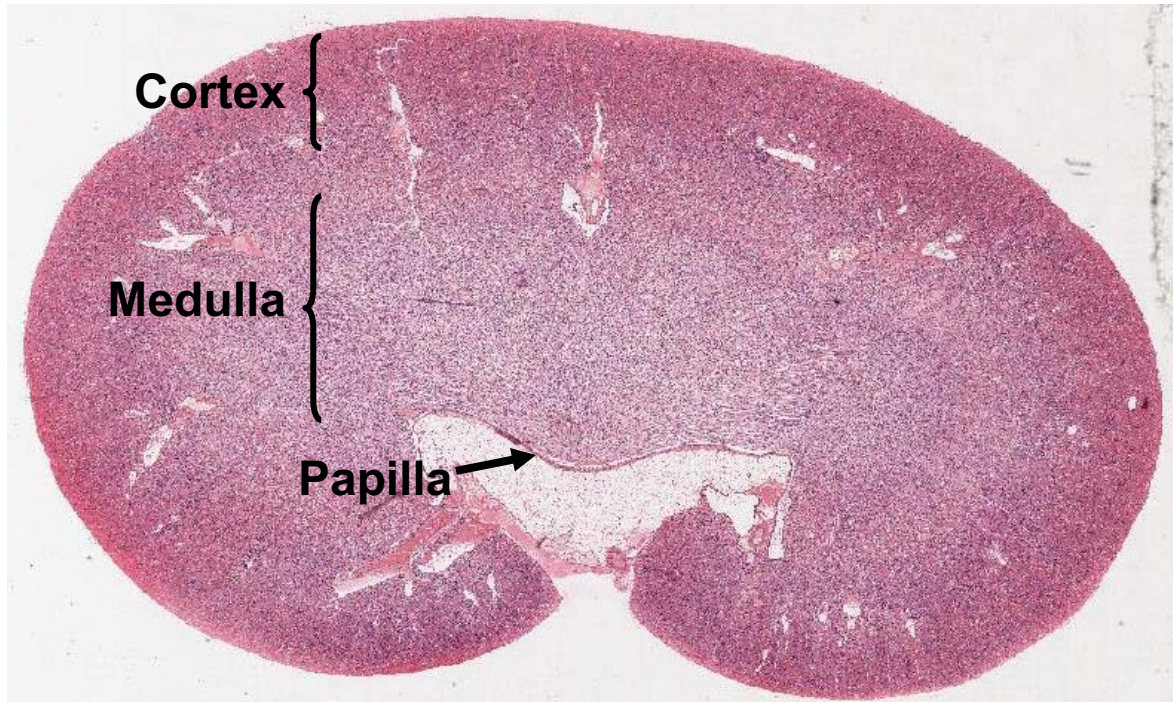


Capillary

Adrenal Medulla – Central Vein

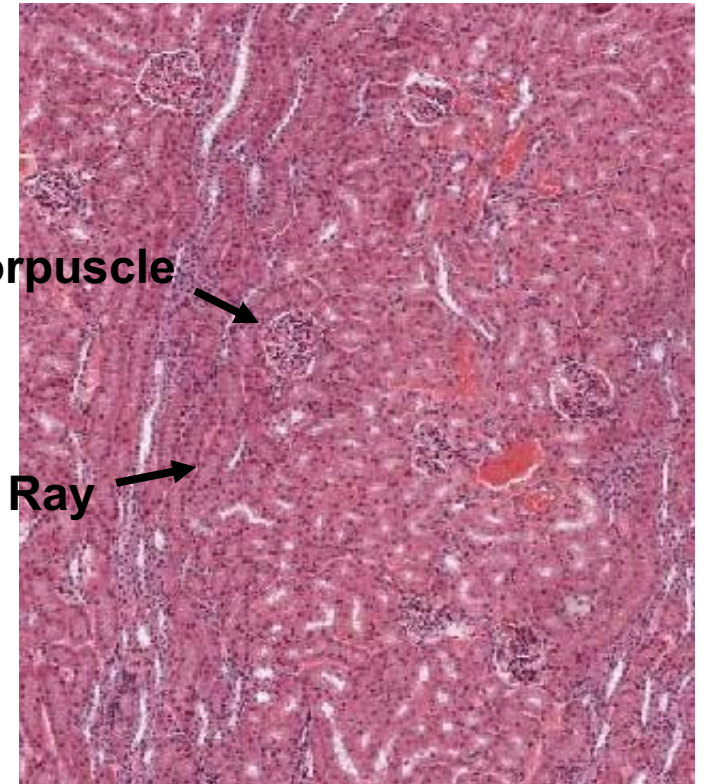


Kidney

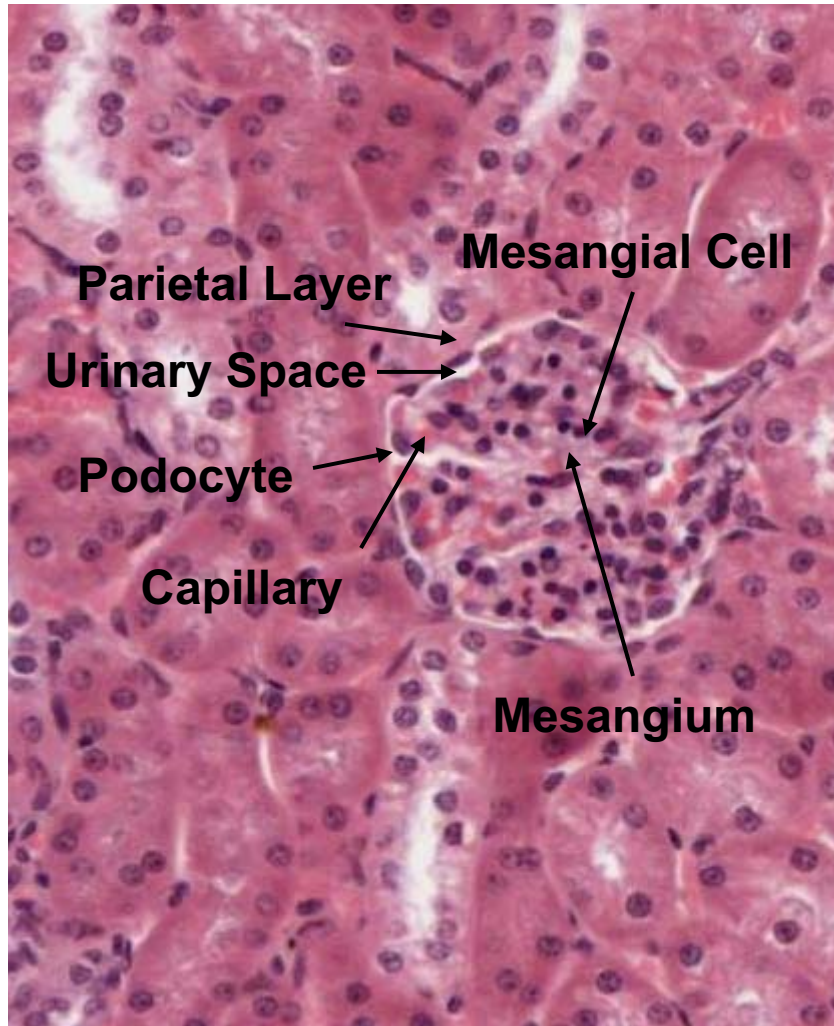


Renal Corpuscle

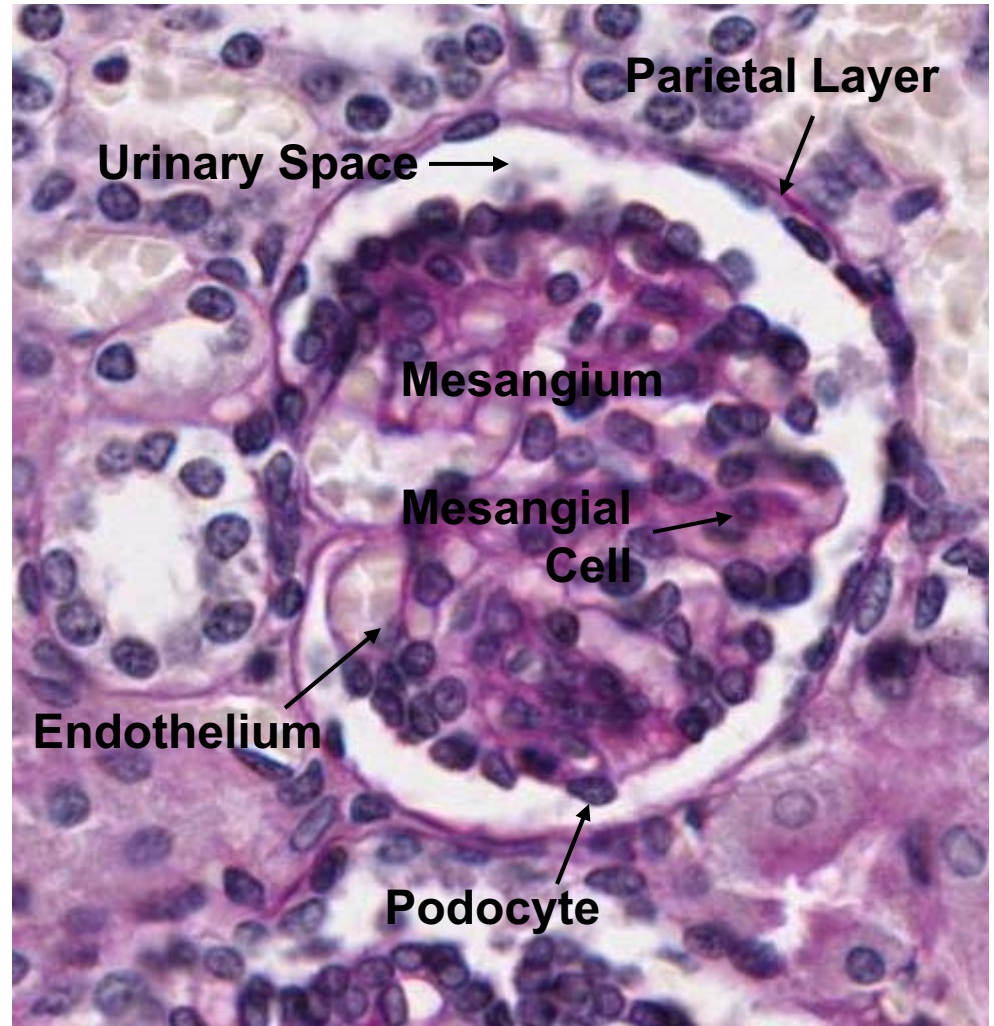
Medullary Ray



Kidney – Renal Corpuscle

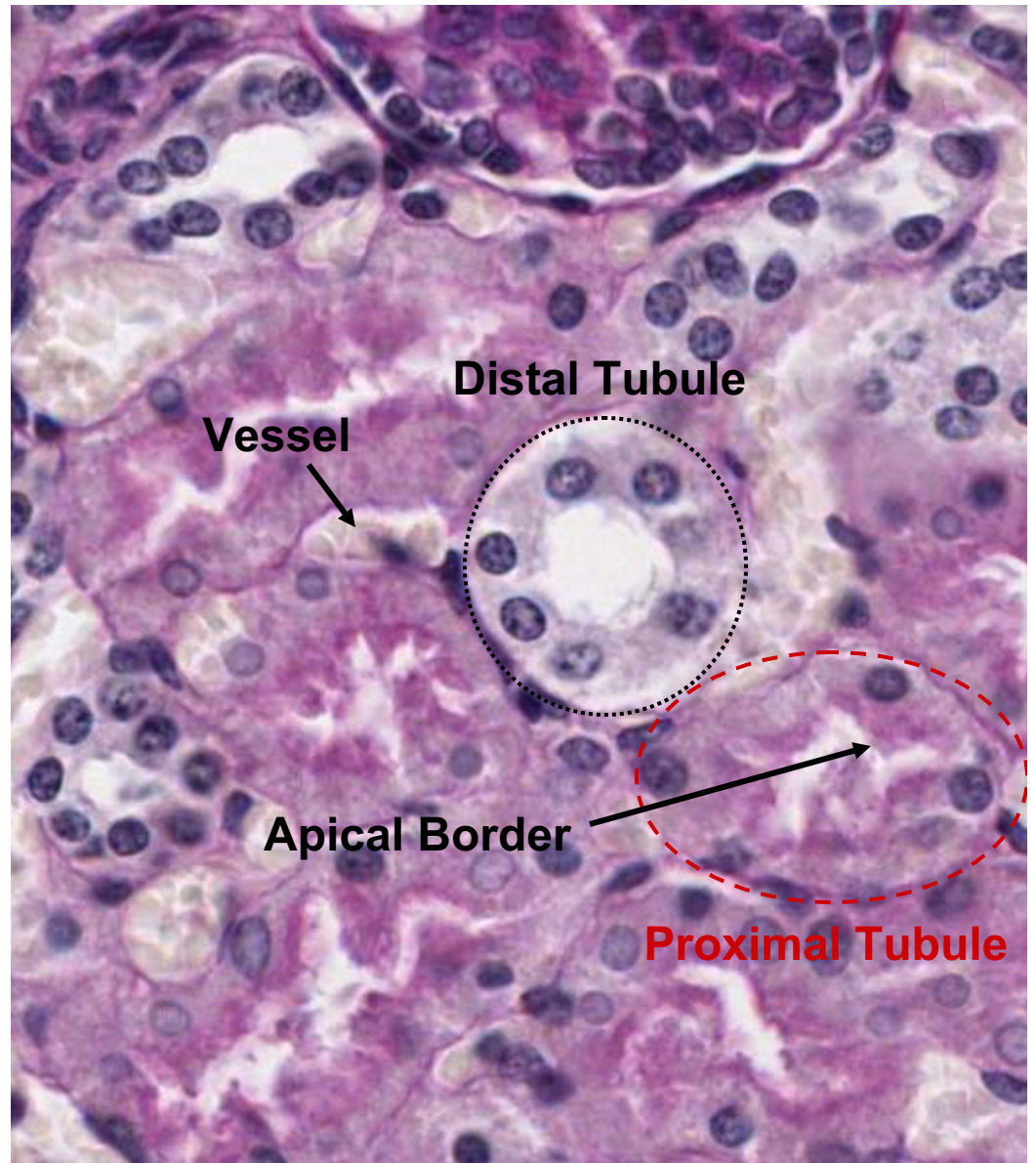
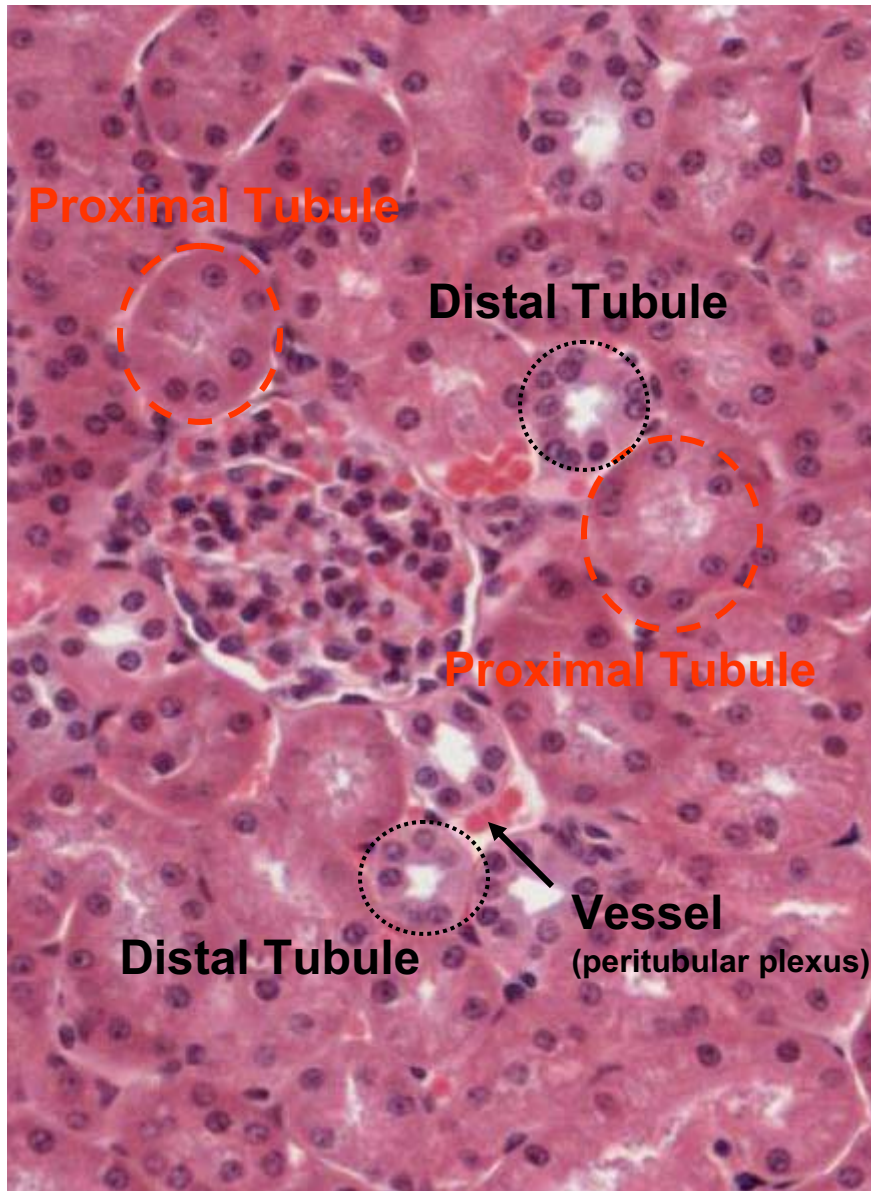


PAS Stain



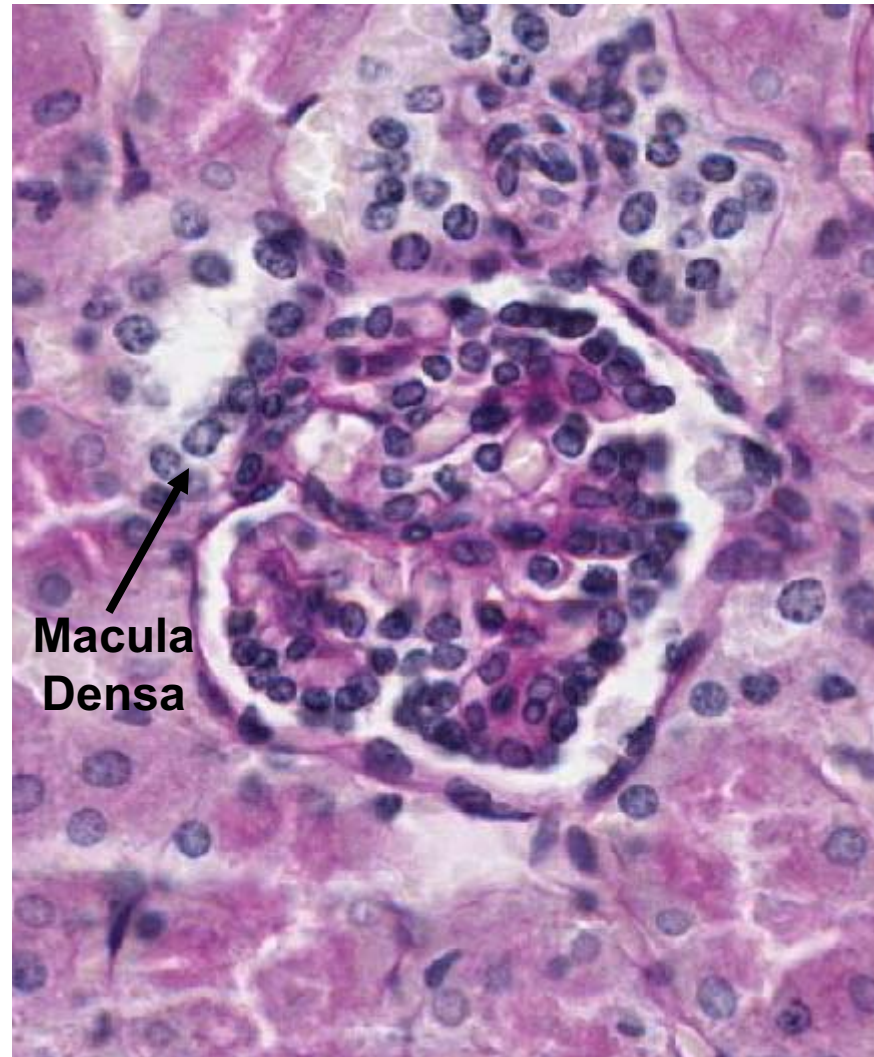
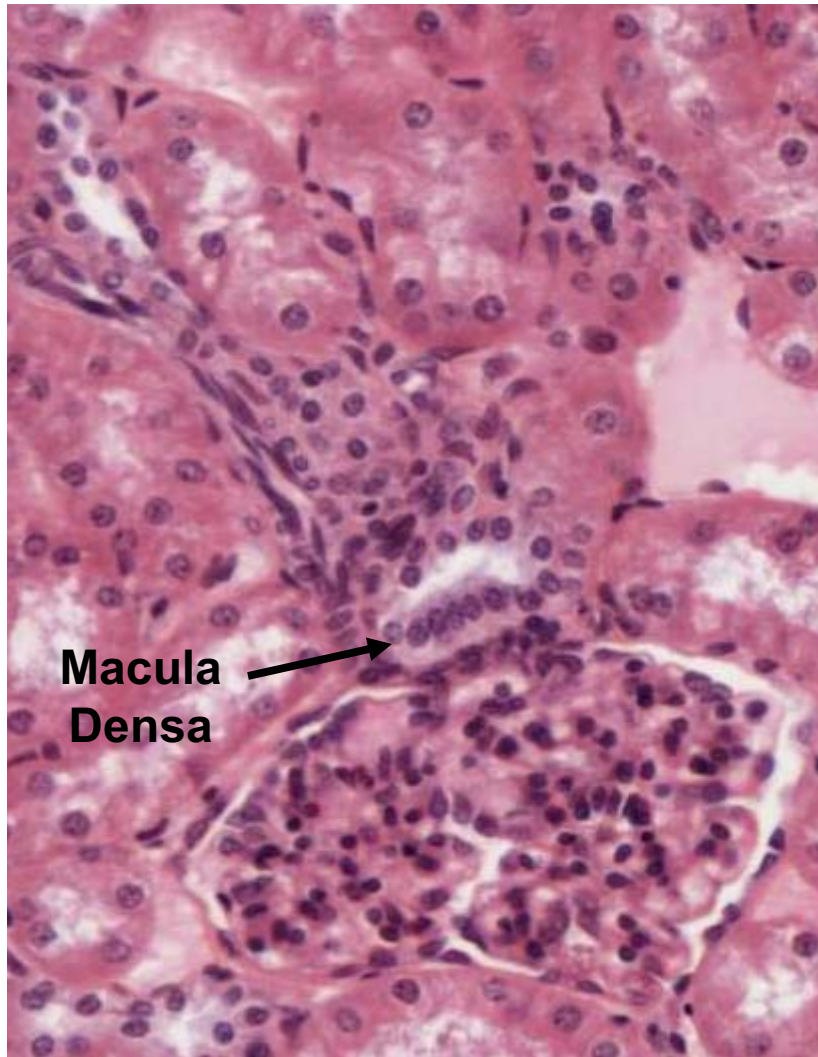
Kidney – Convoluted Tubules

PAS Stain



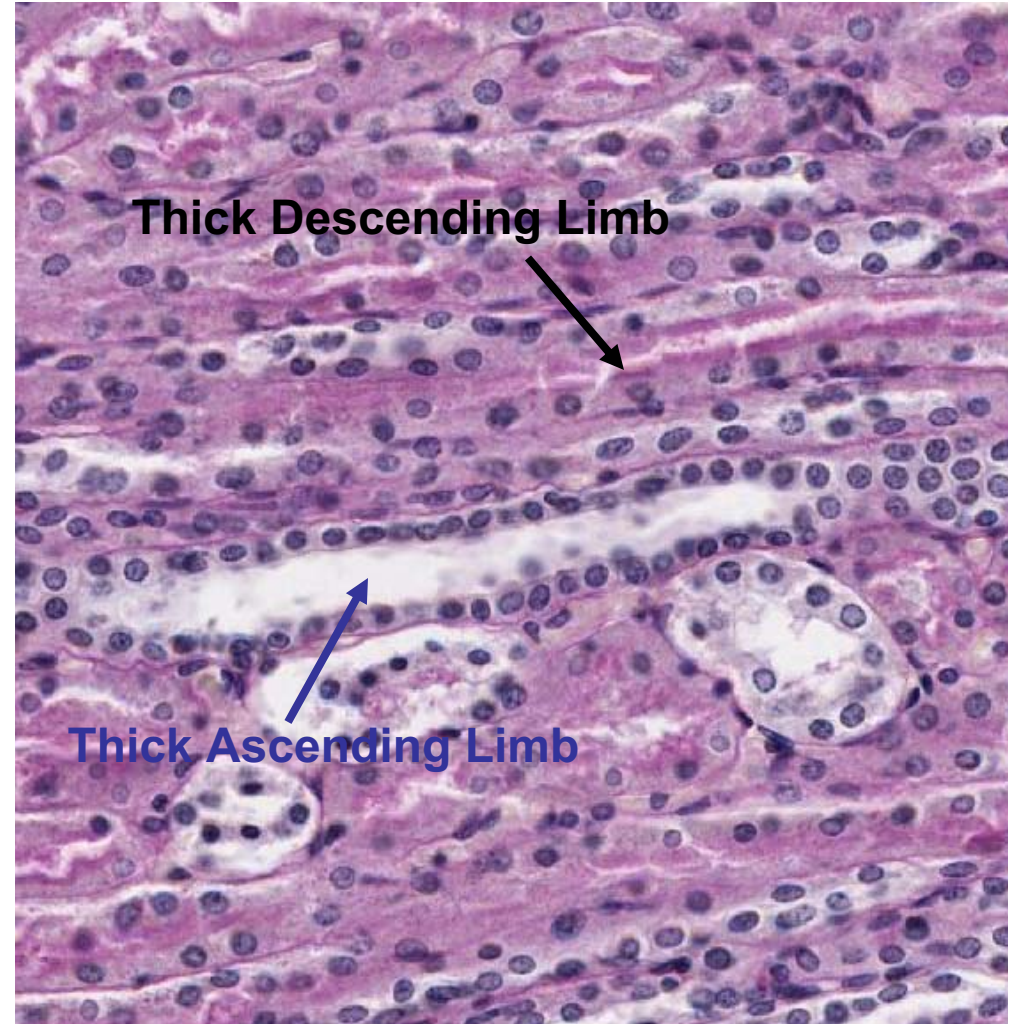
Kidney – Macula Densa

PAS Stain



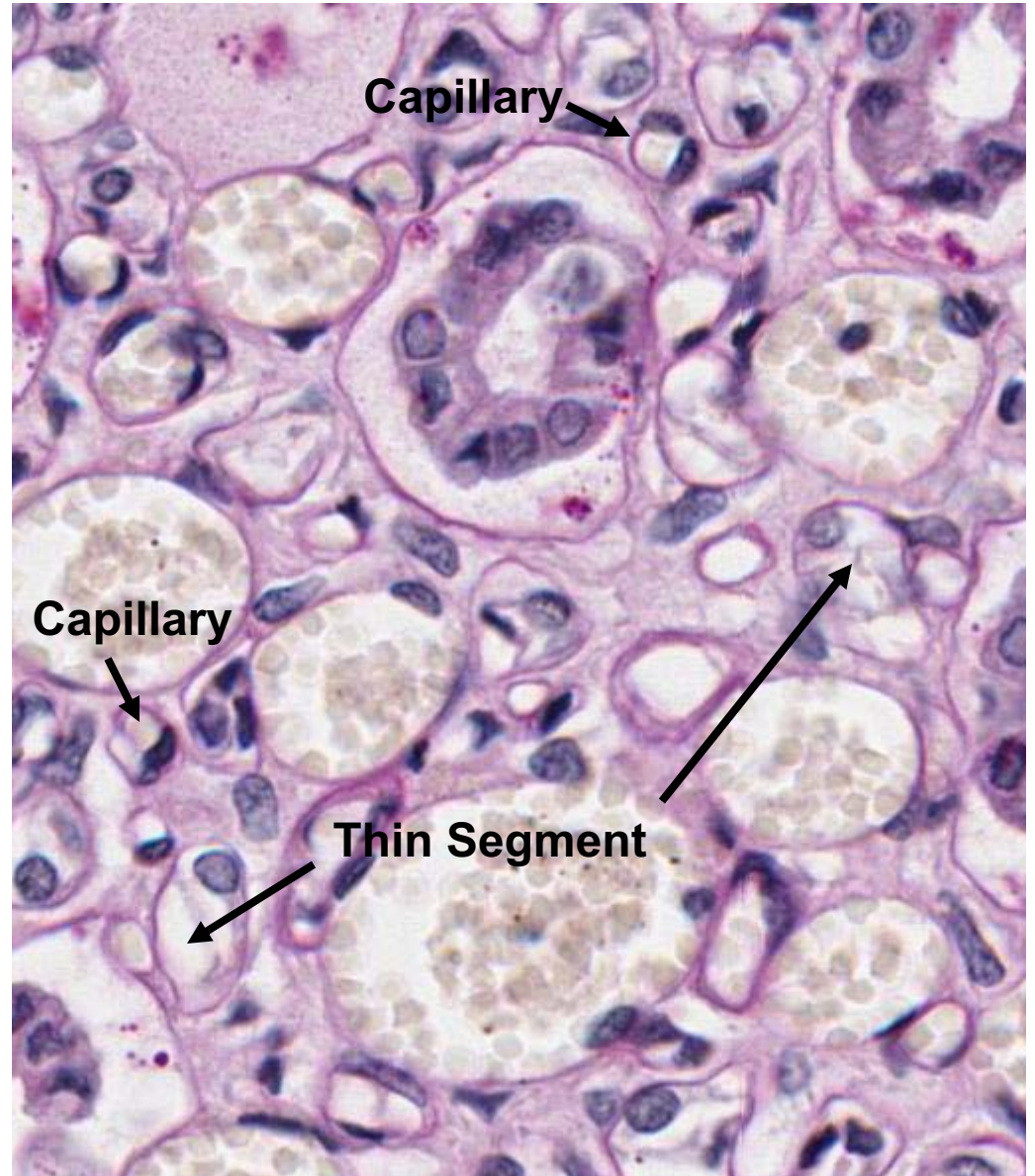
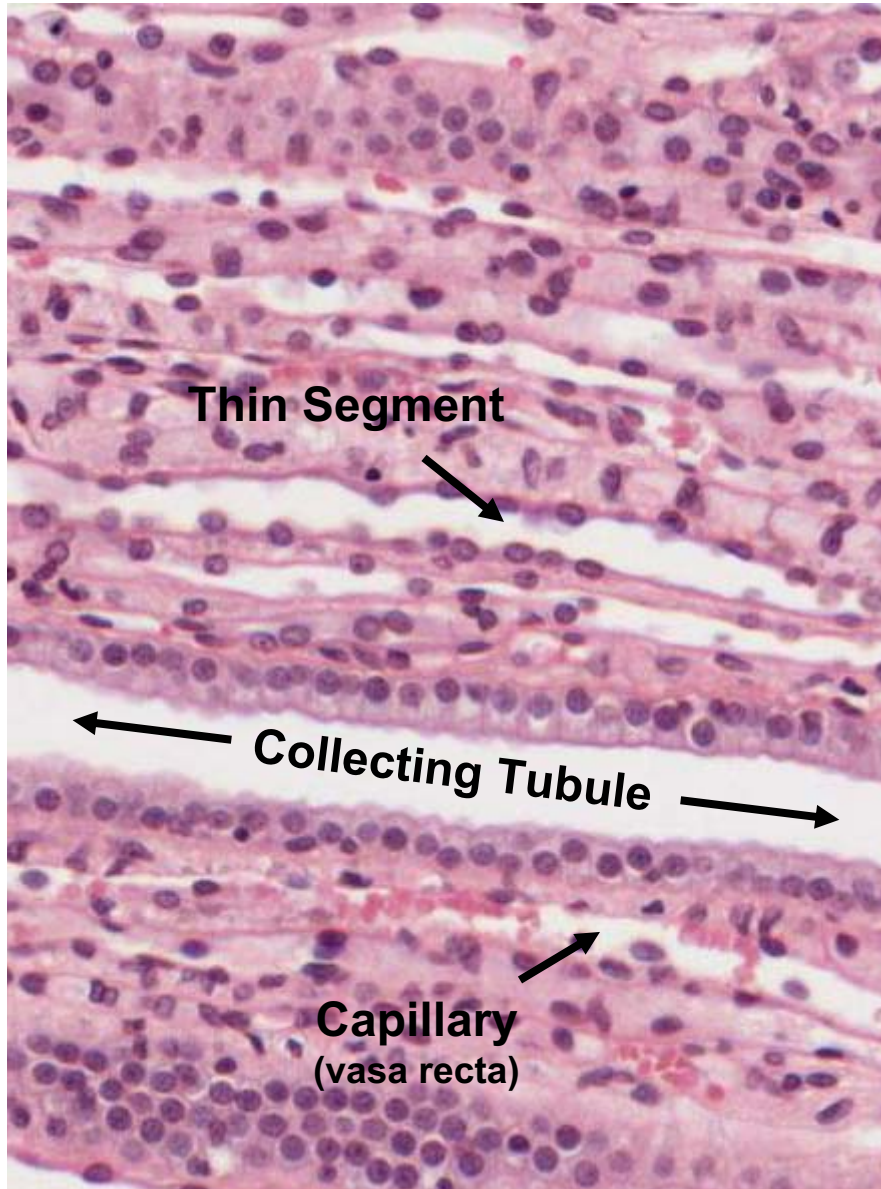
Kidney – Loop of Henle

PAS Stain

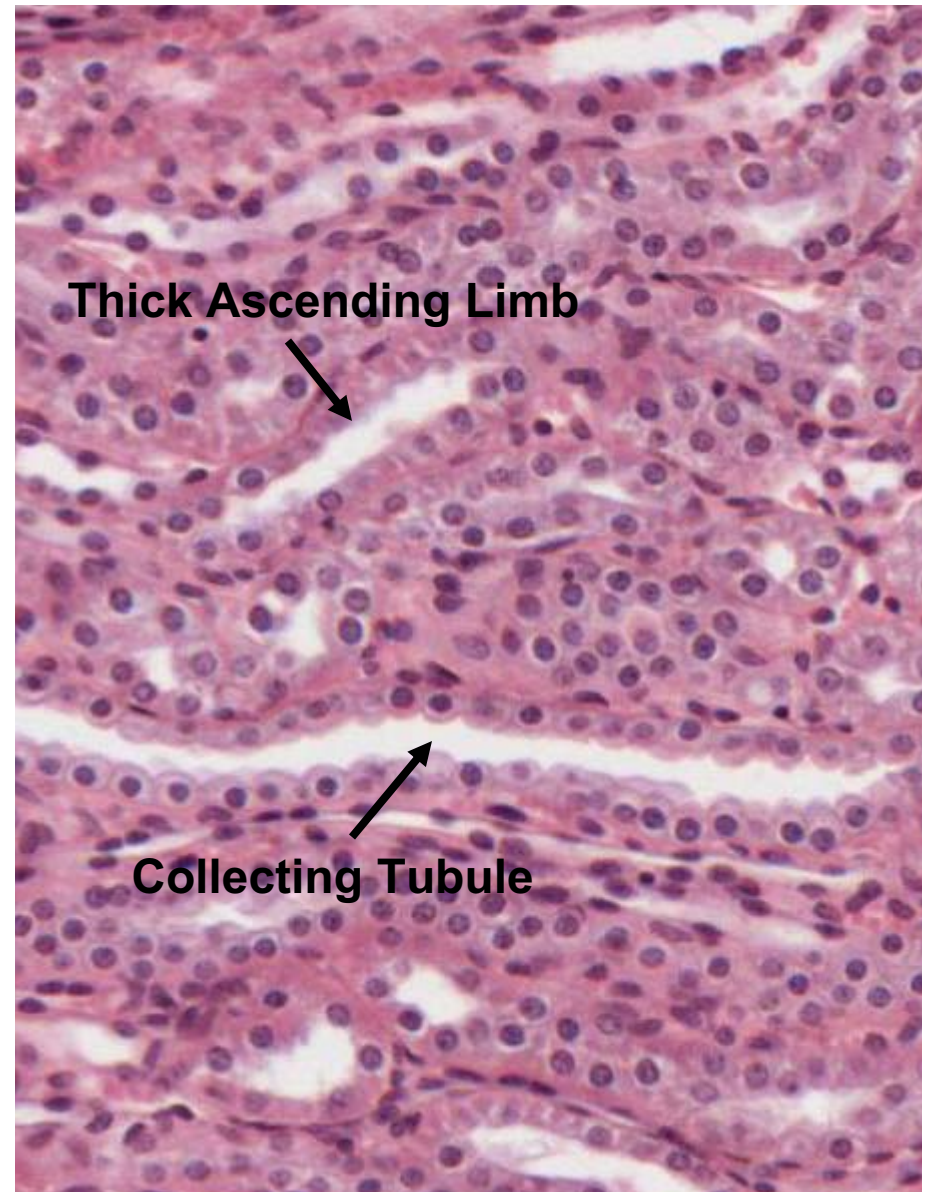


Kidney – Loop of Henle

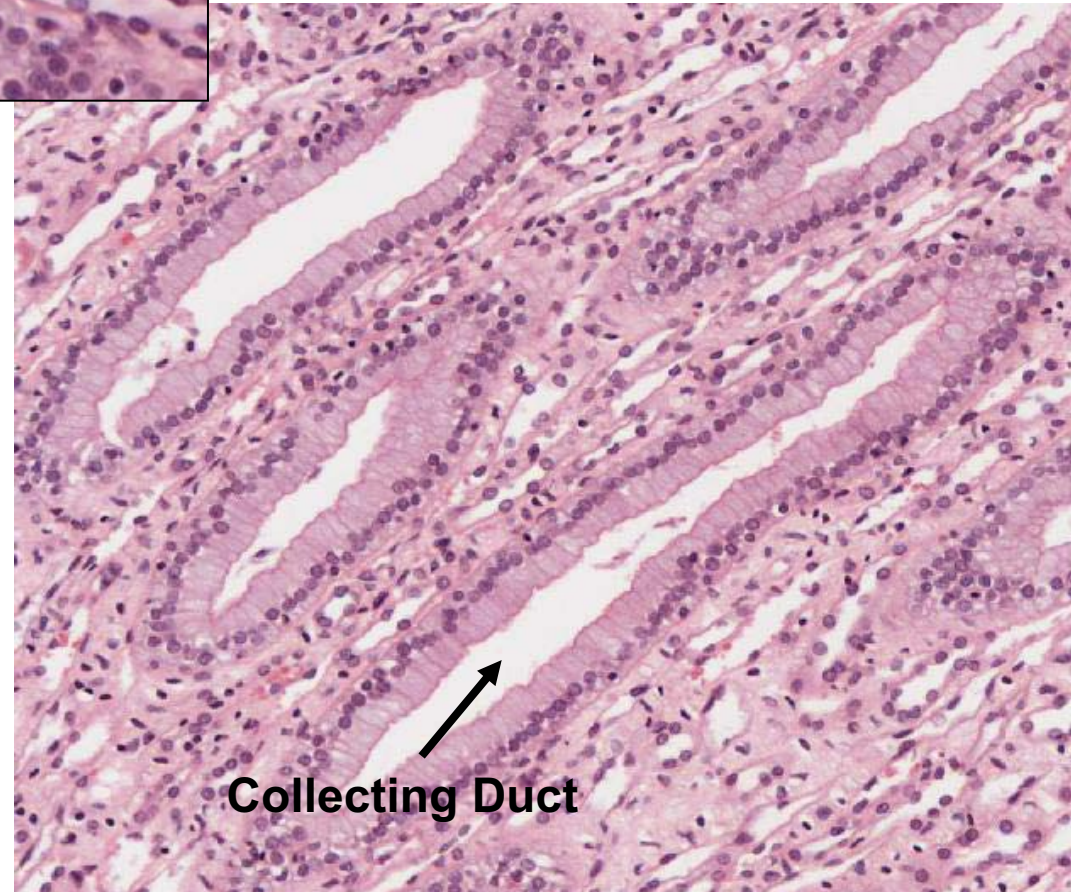
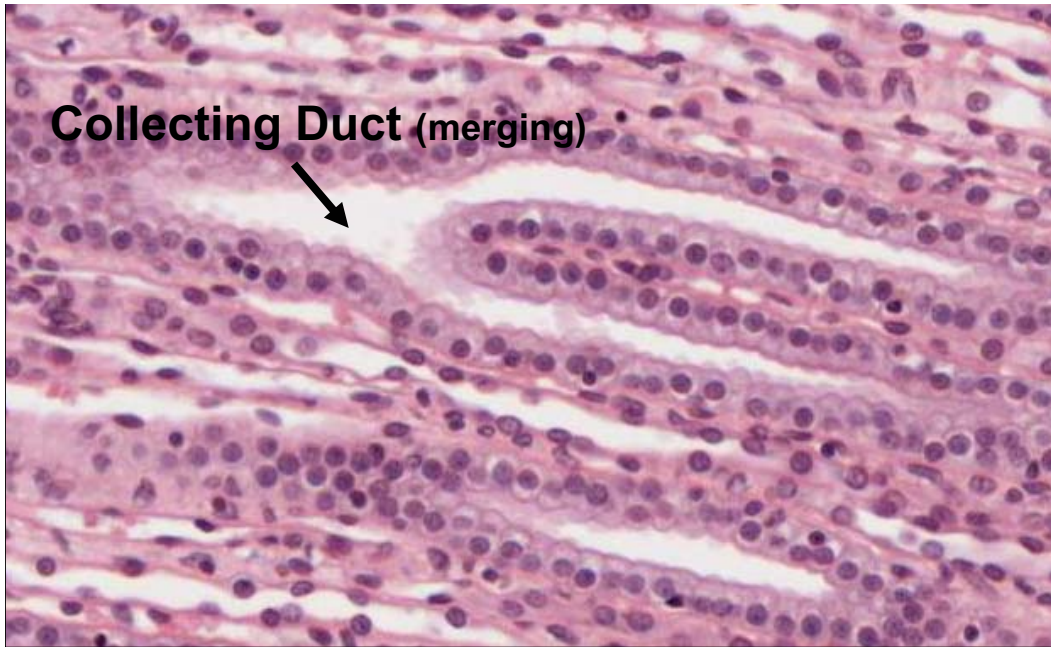
PAS Stain



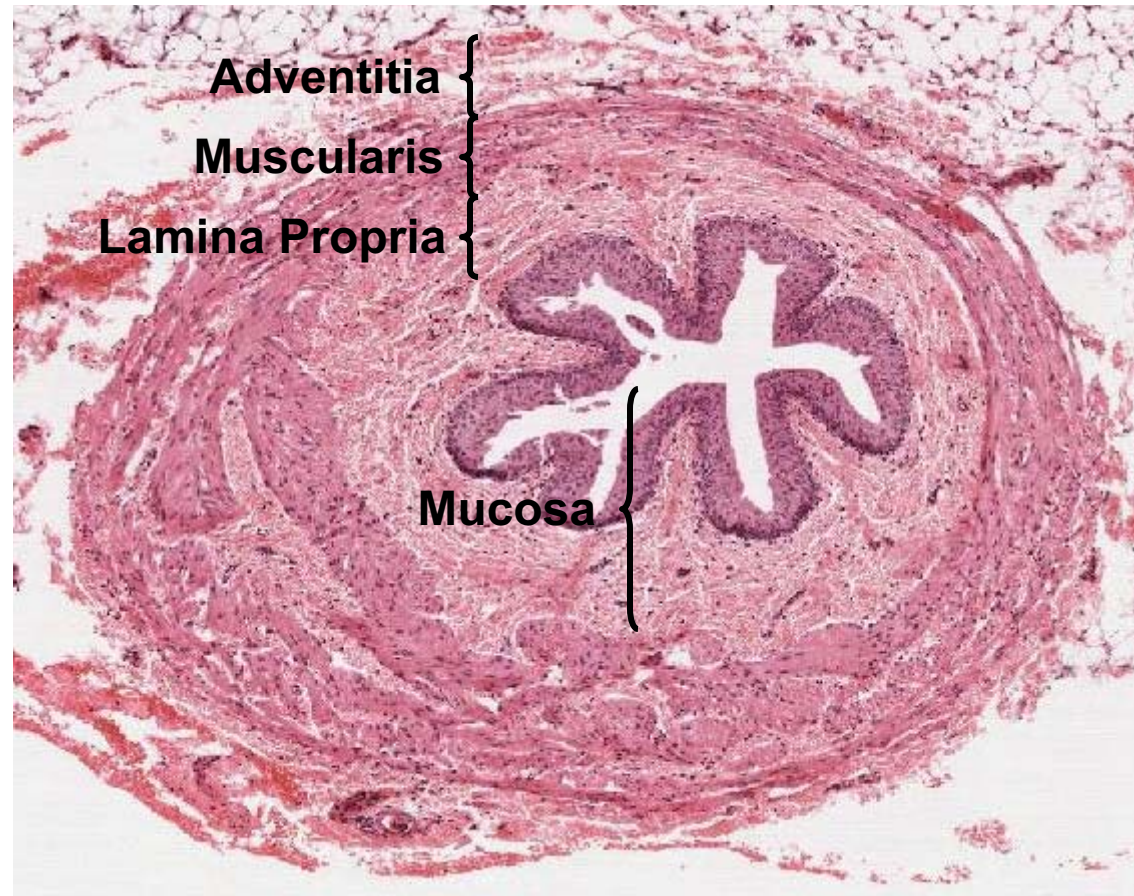
Kidney – Collecting Tubule

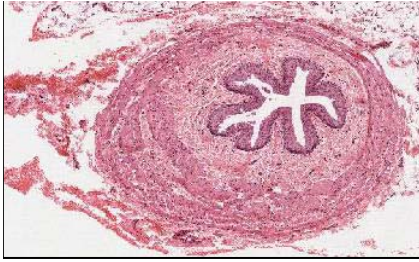


Kidney – Collecting Duct



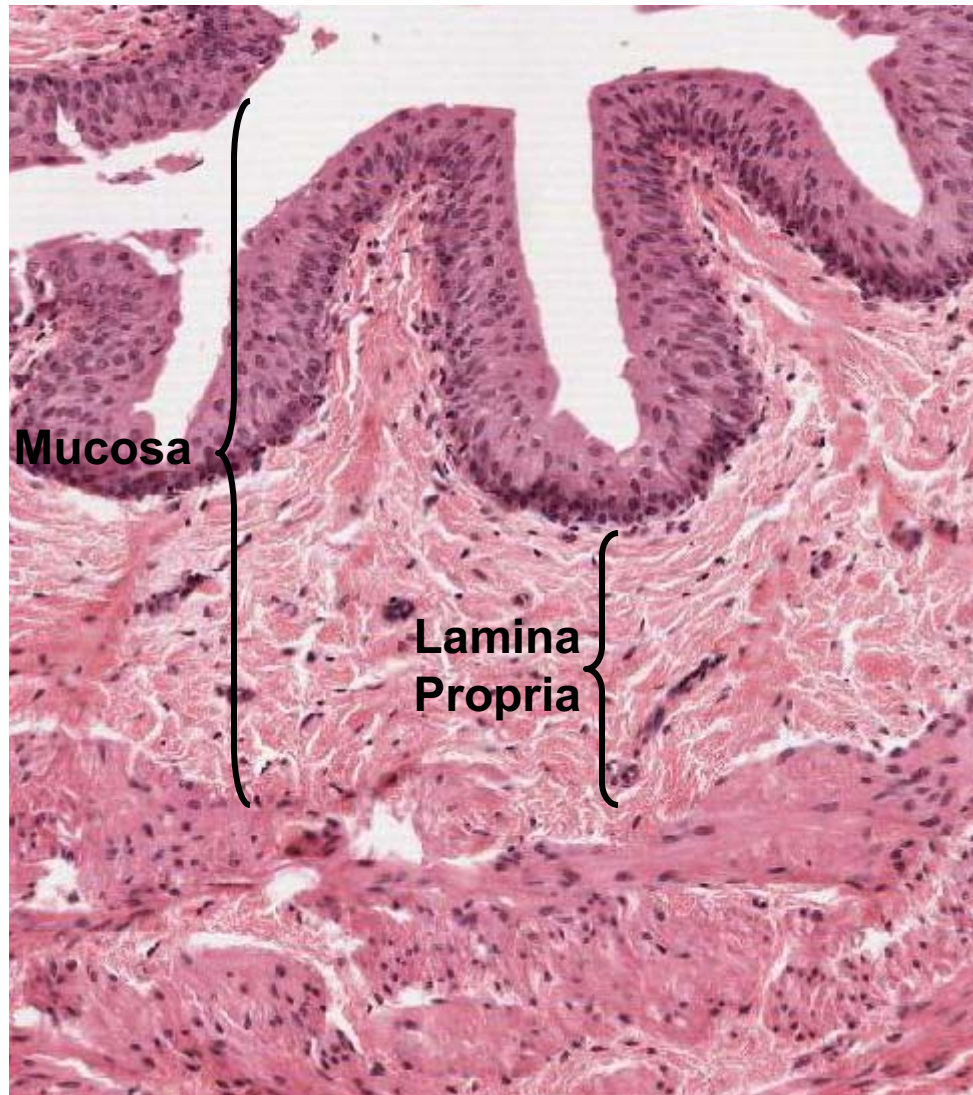
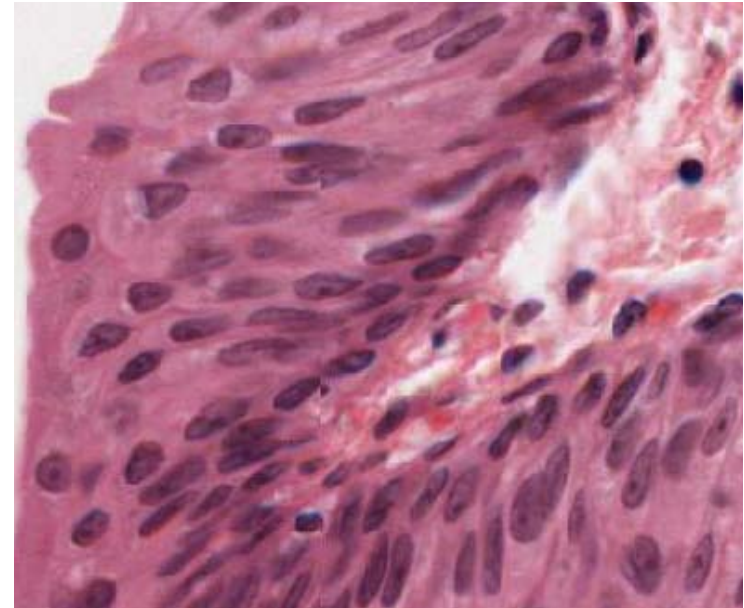
Ureter



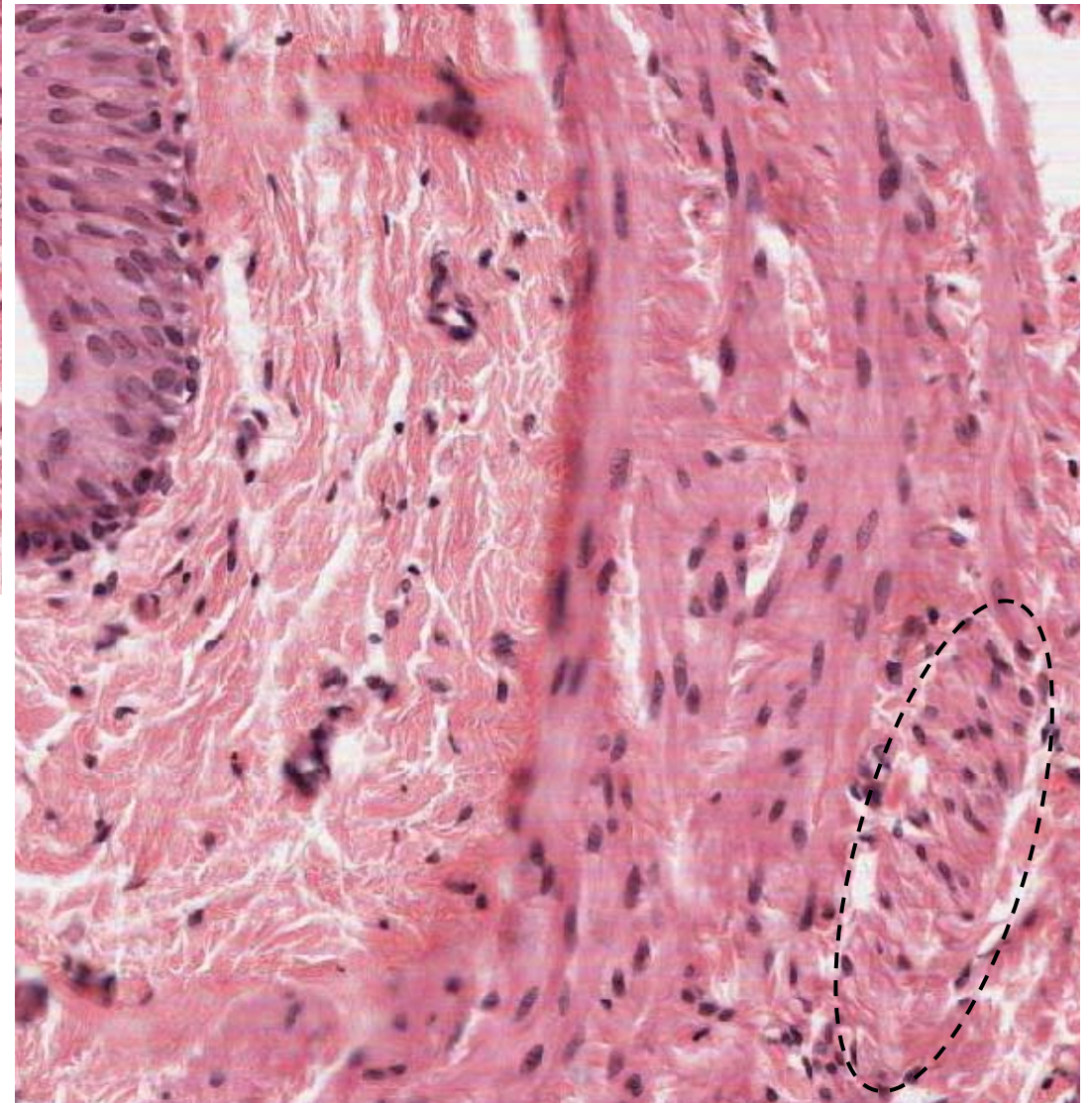
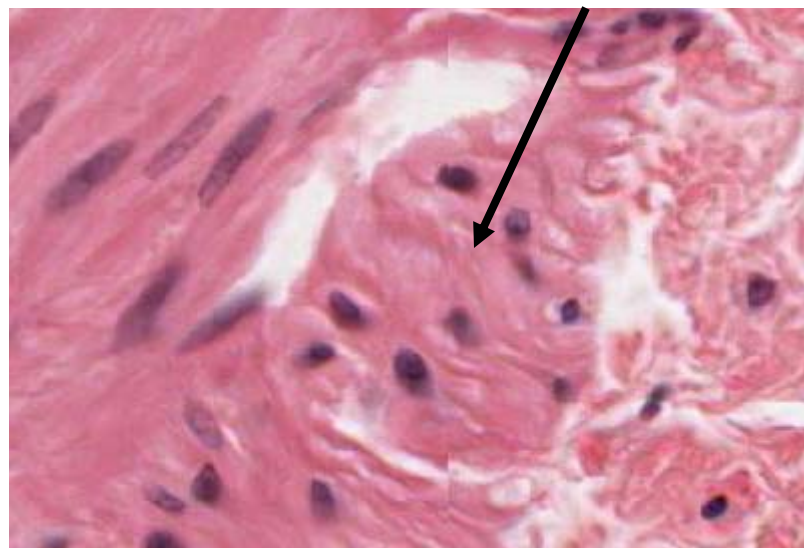
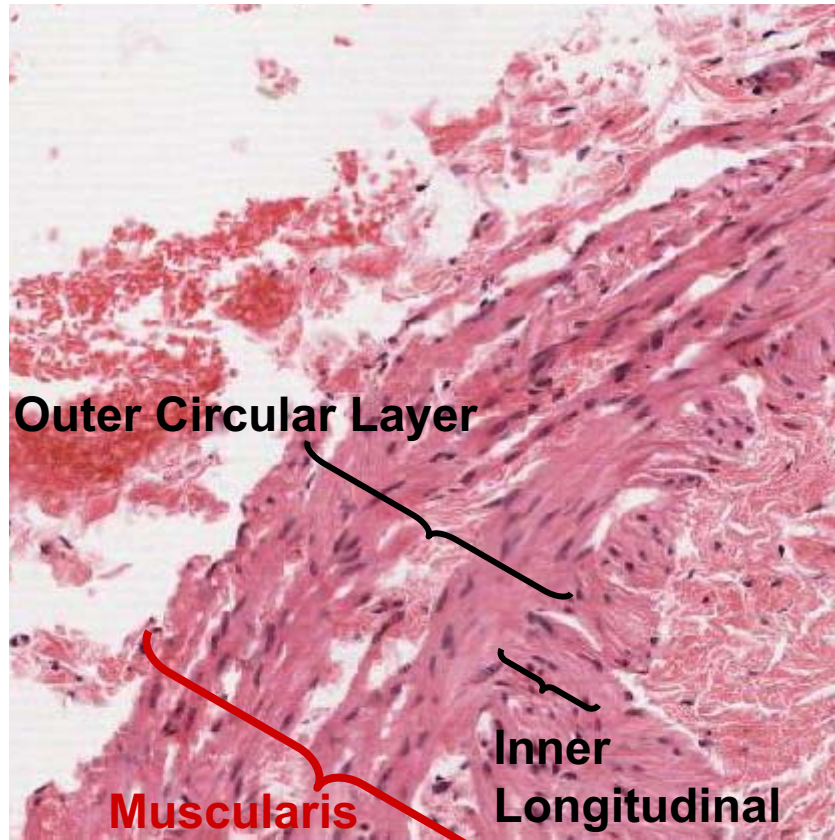


Ureter

Transitional Epithelium

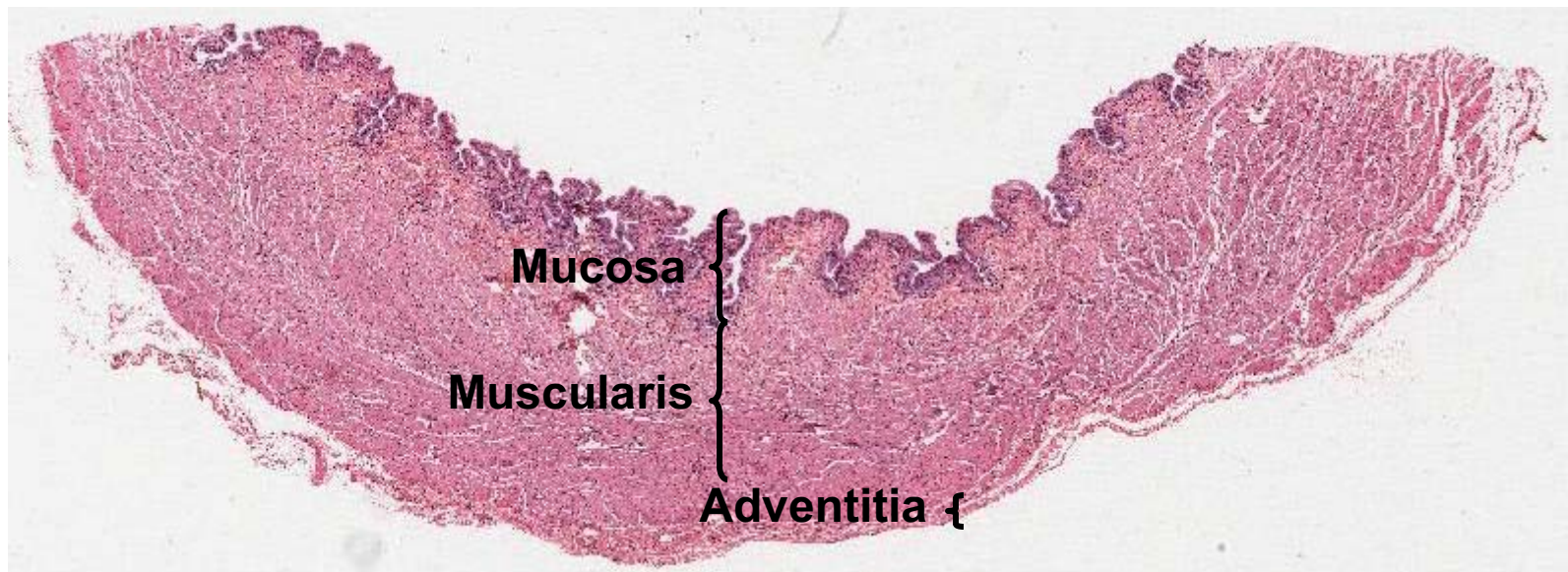


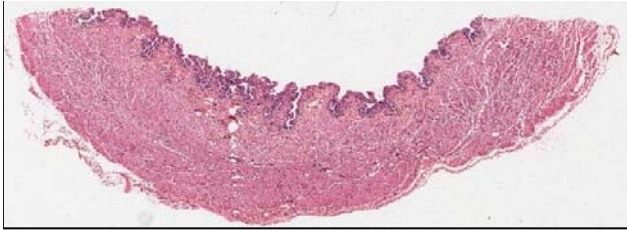
Ureter



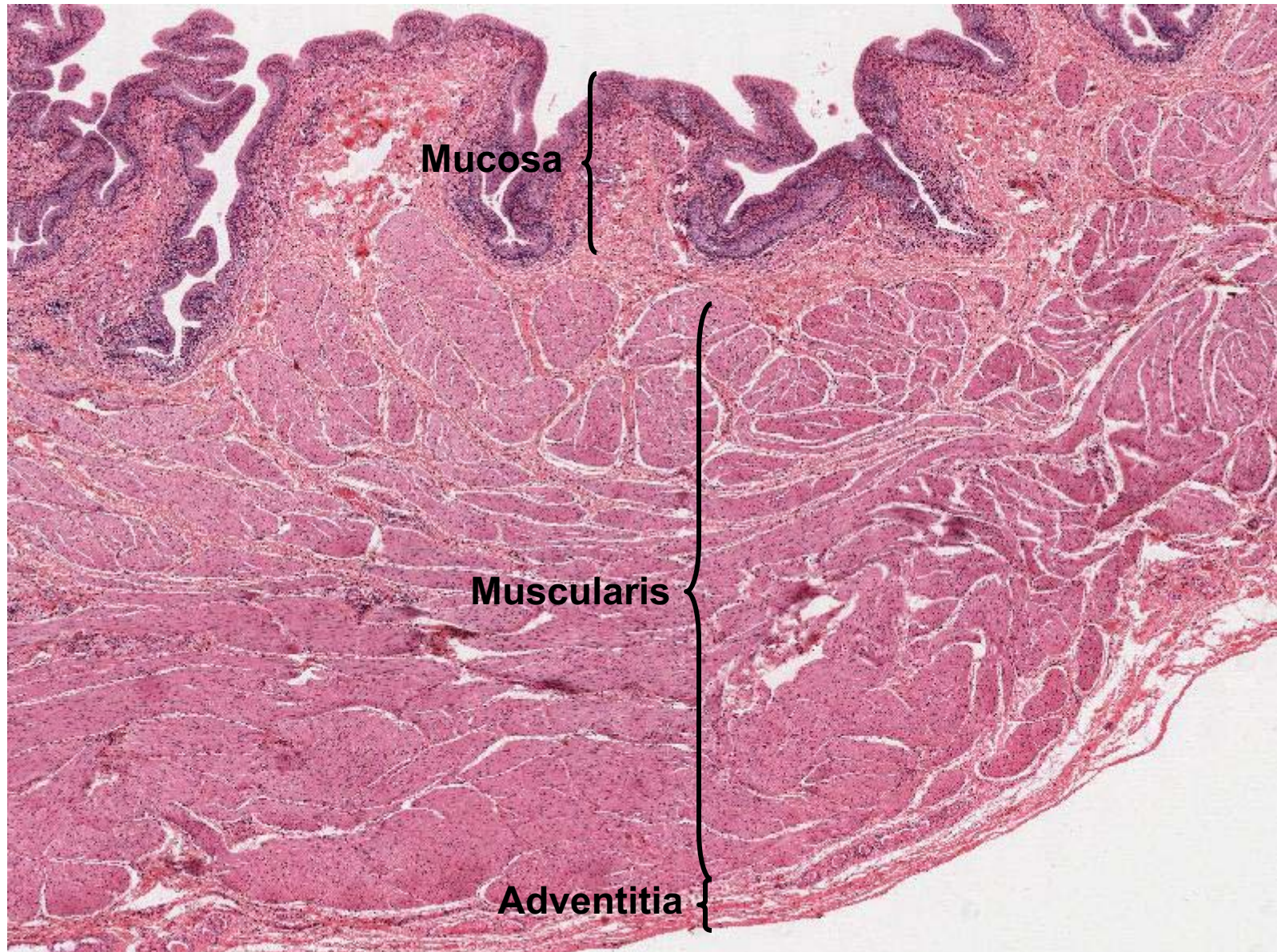
Outer Longitudinal Layer

Bladder

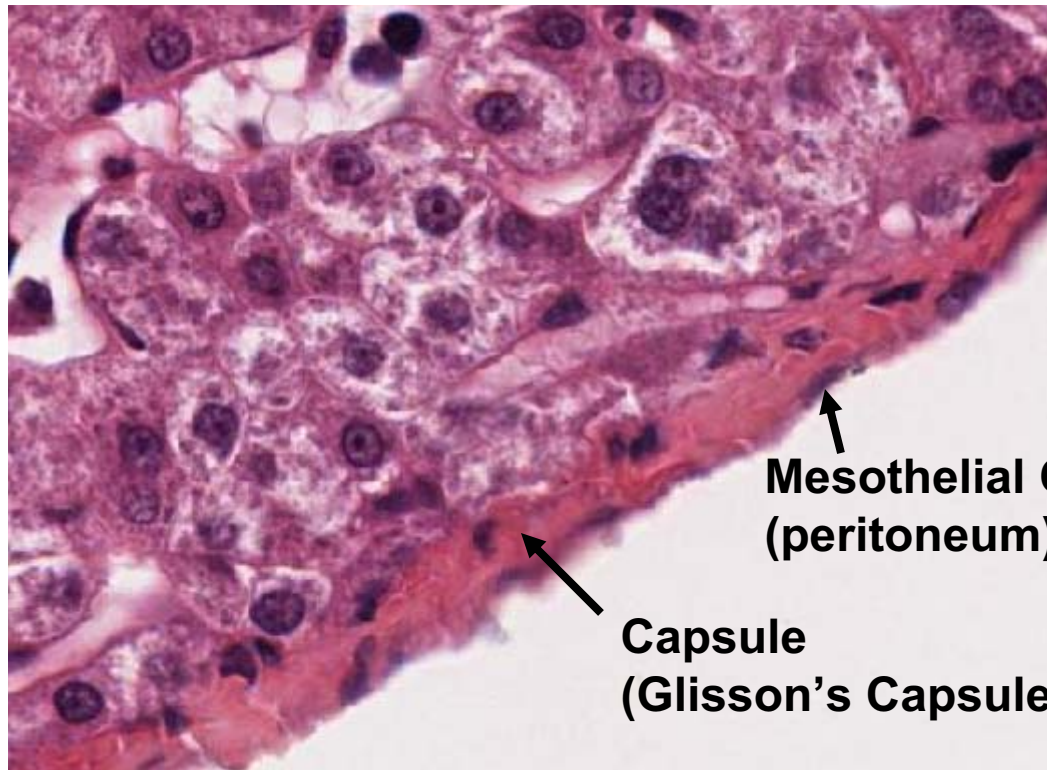
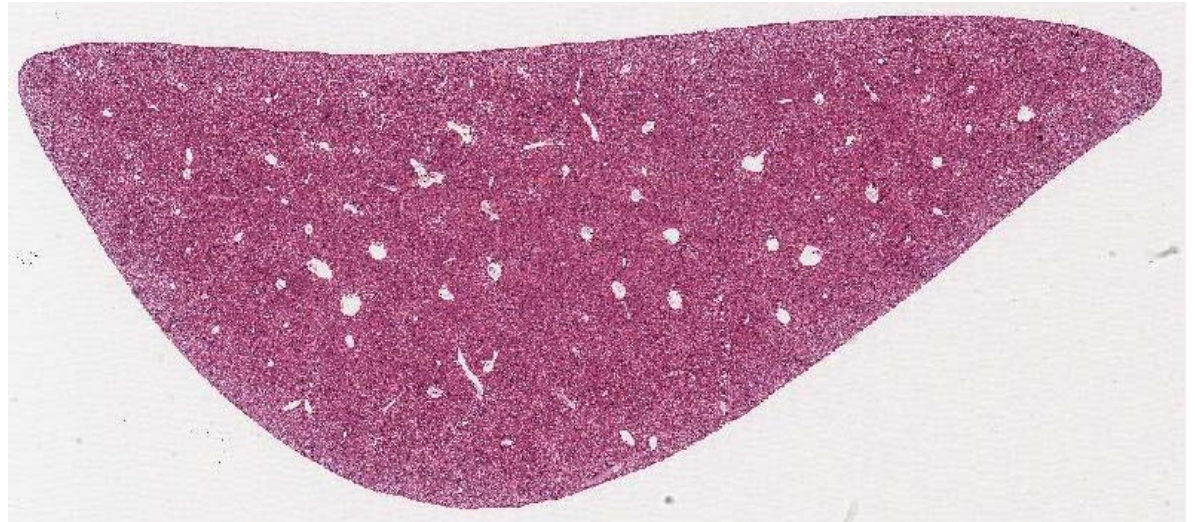




Bladder



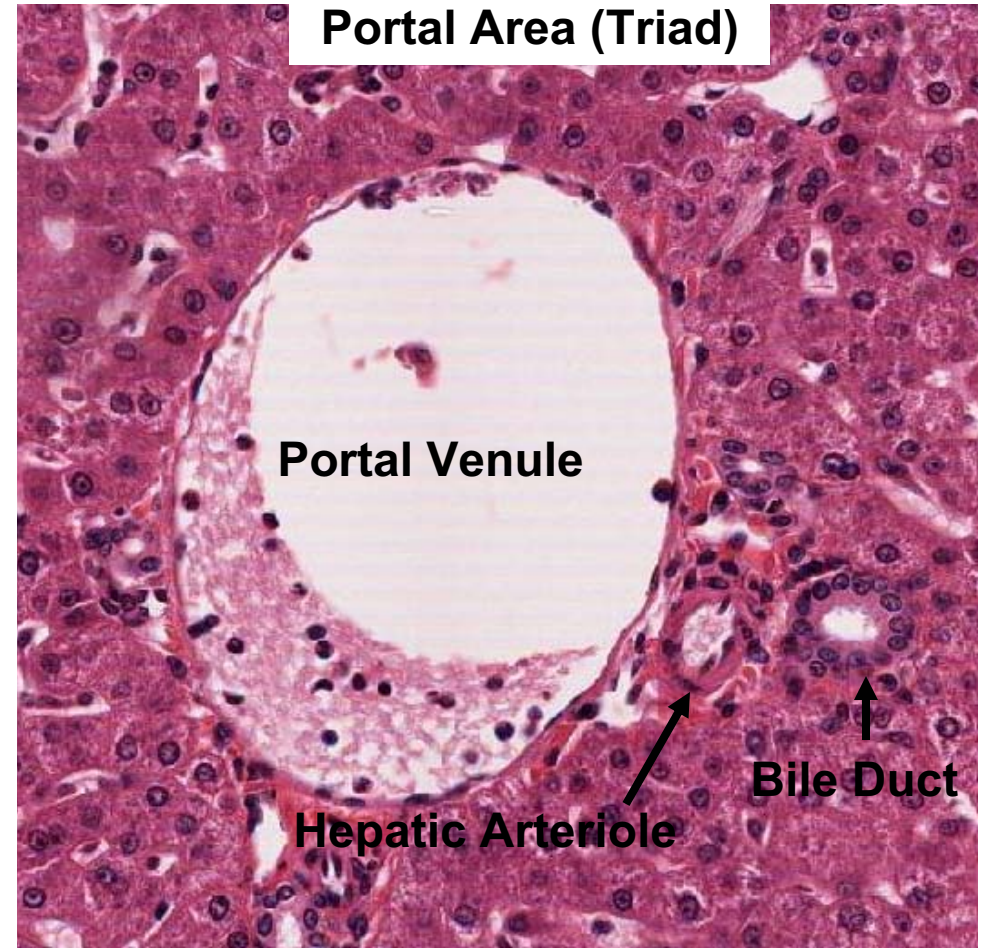
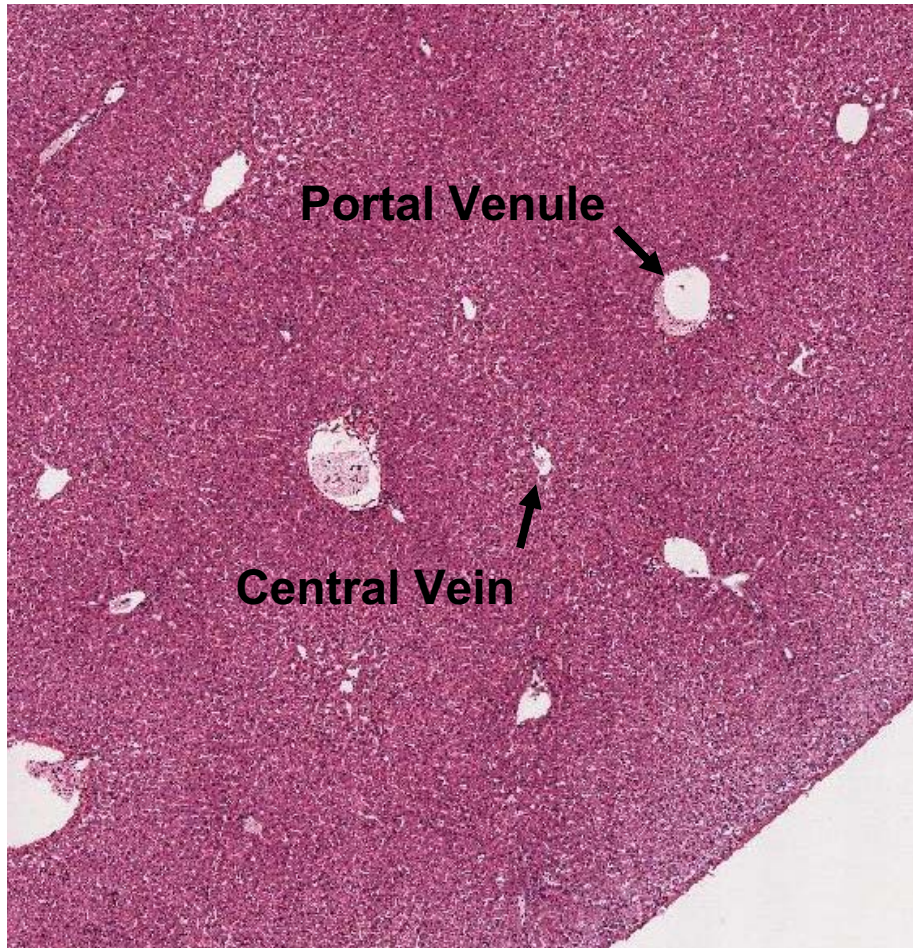
Liver



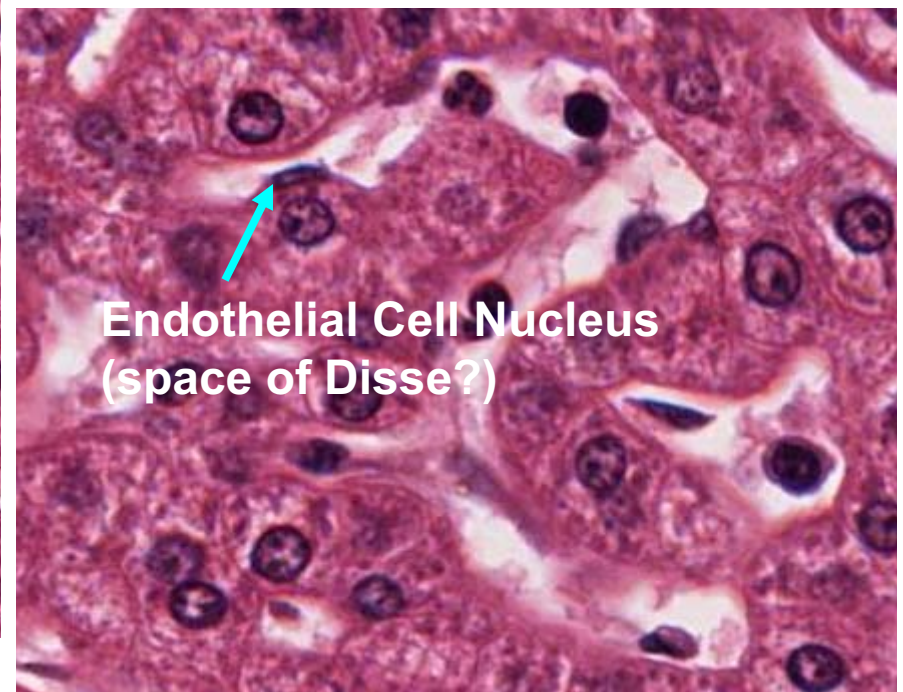
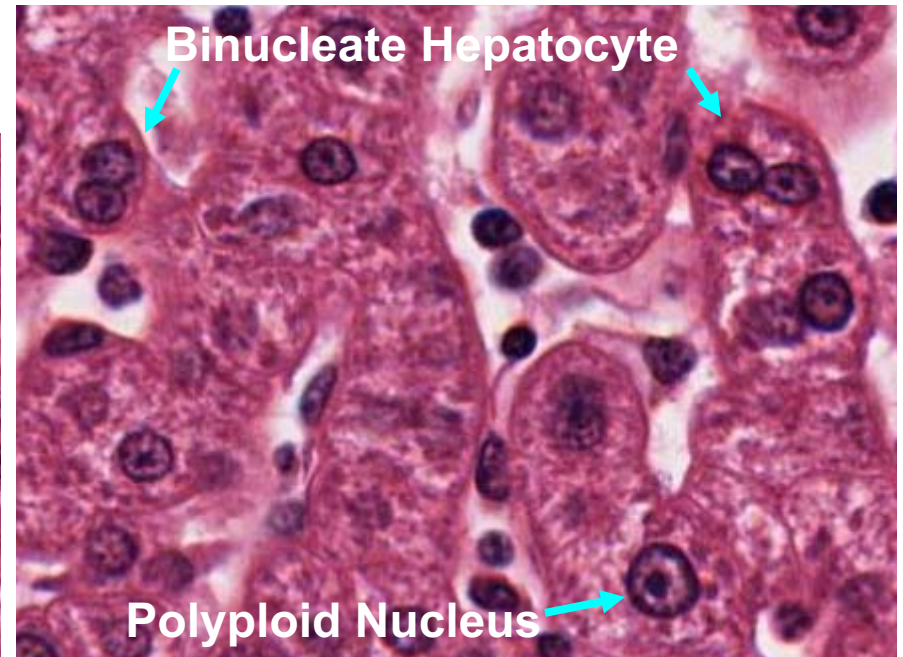
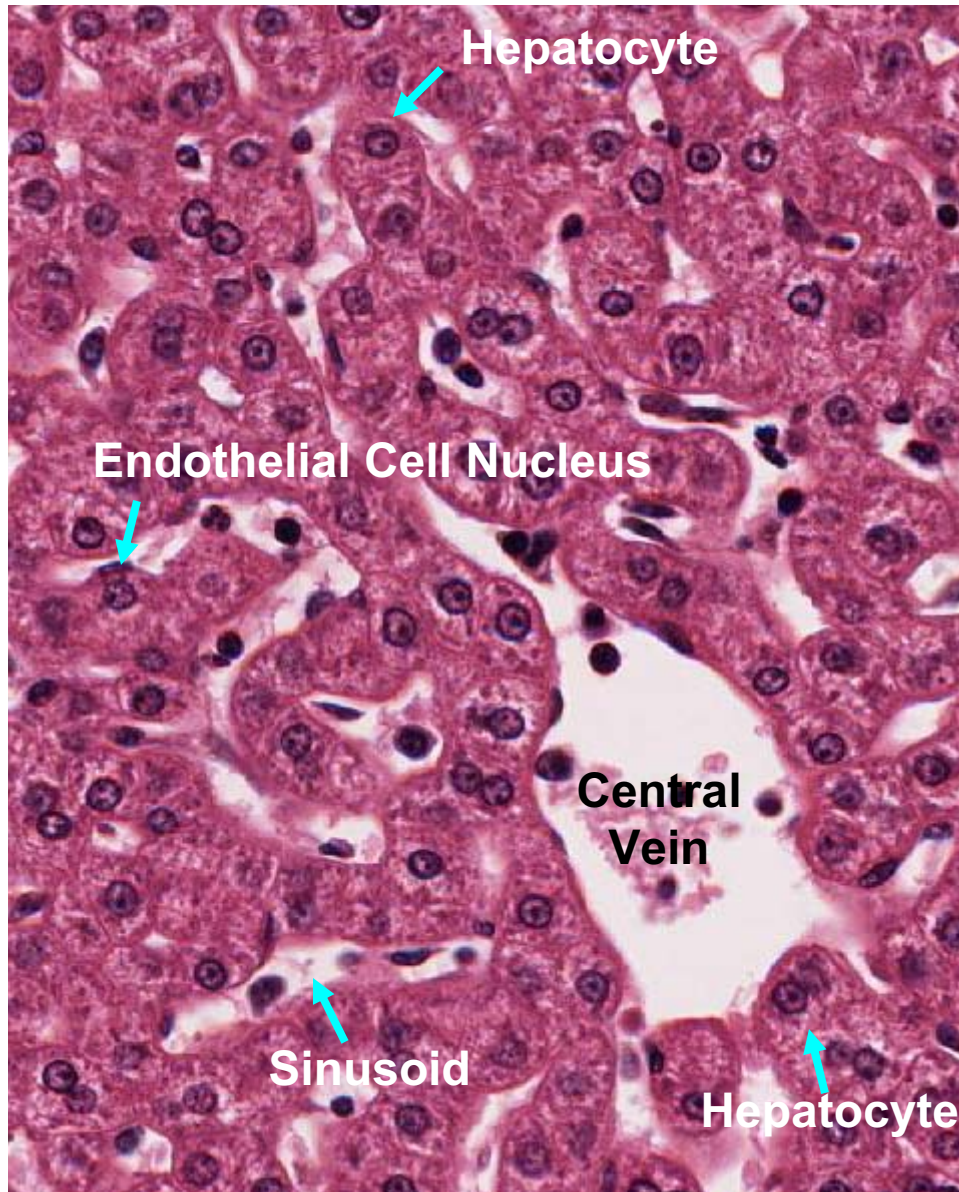
**Mesothelial Cell
(peritoneum)**

**Capsule
(Glisson's Capsule)**

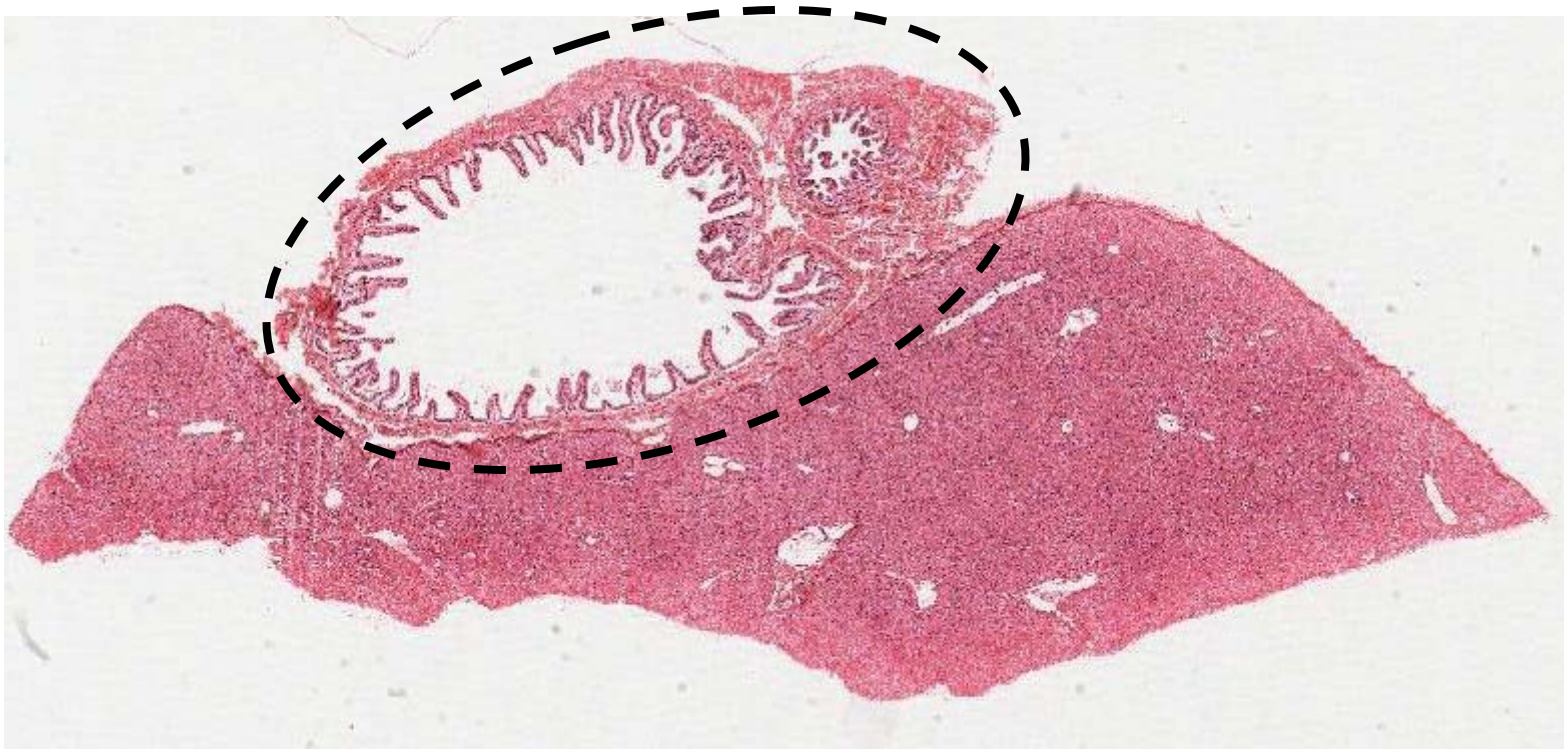
Liver



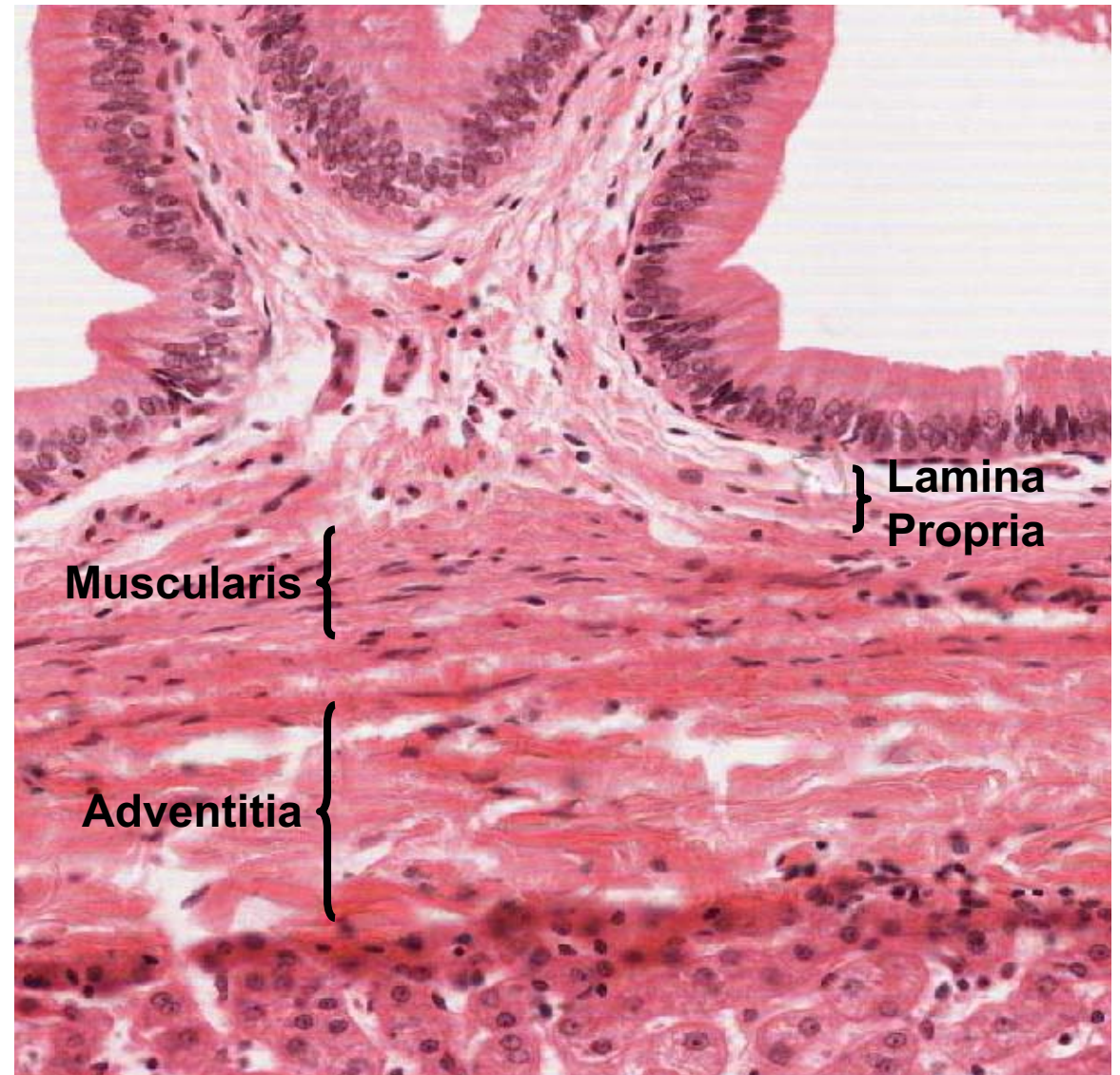
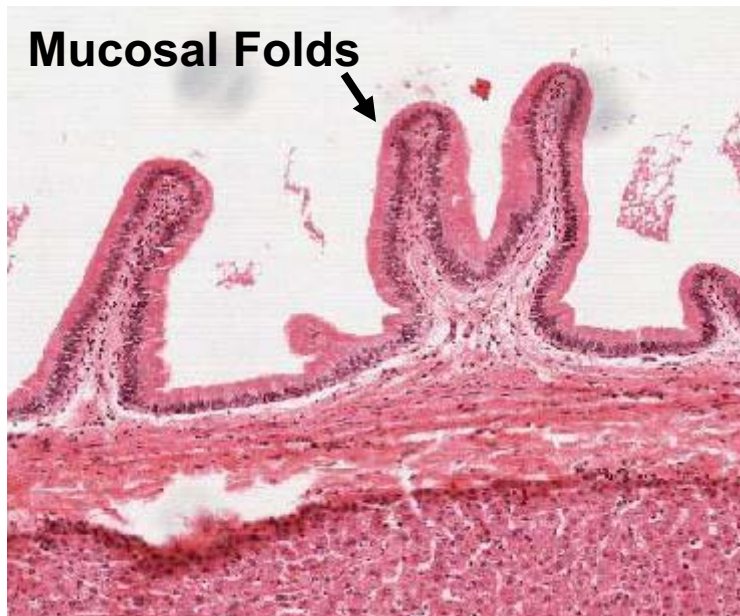
Liver



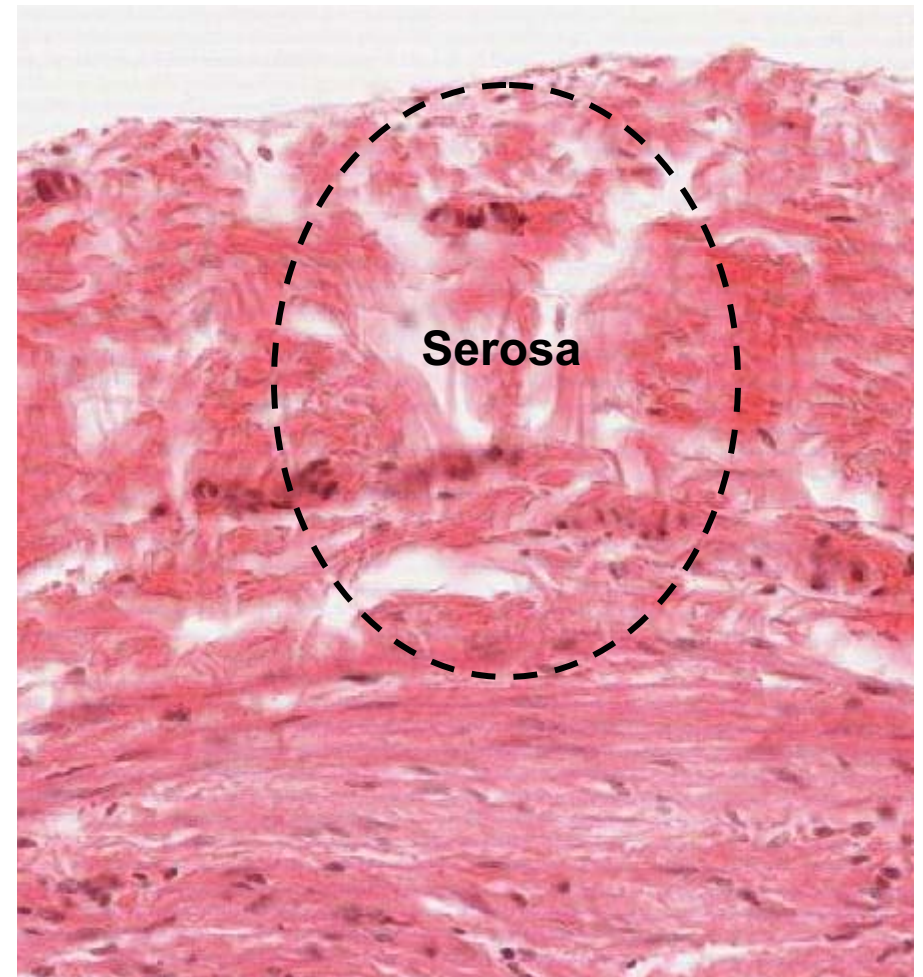
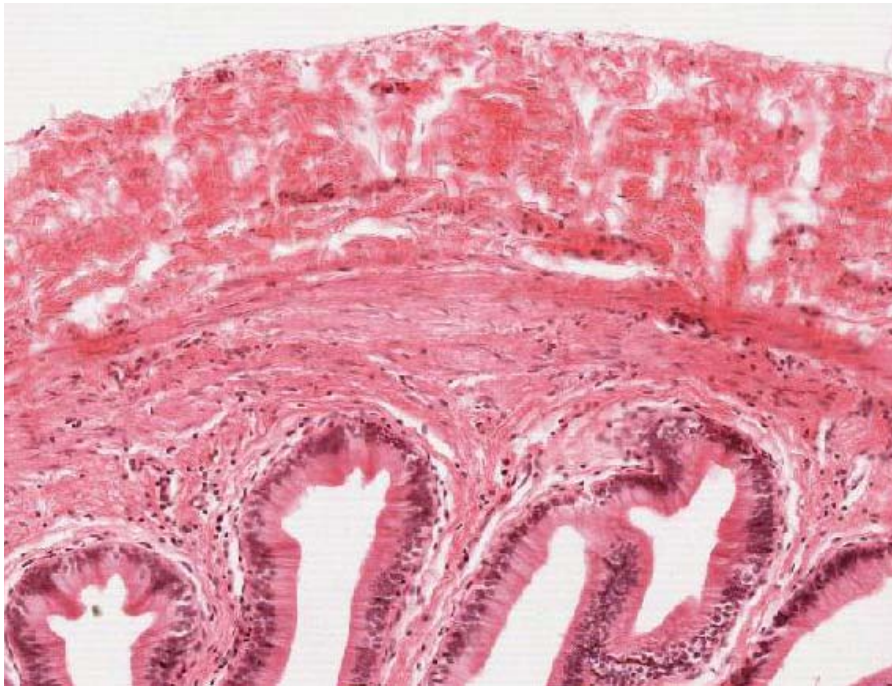
Gall Bladder



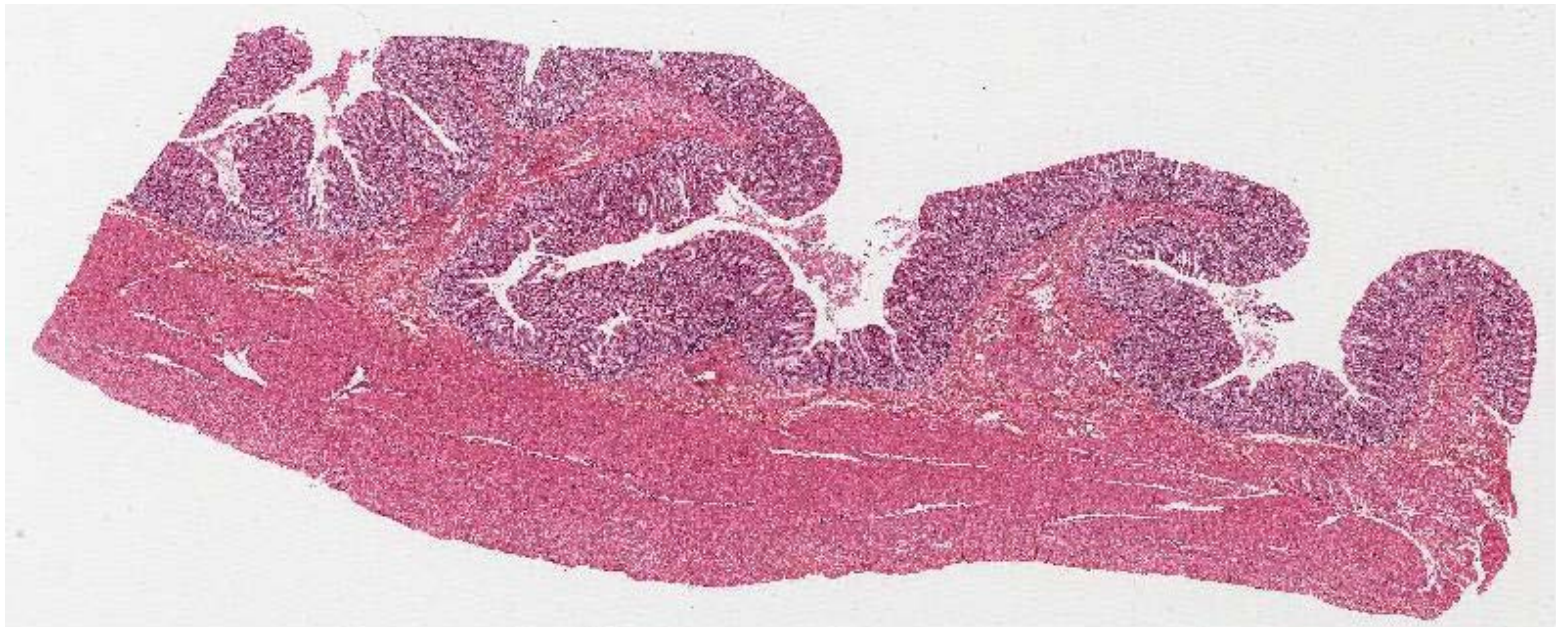
Gall Bladder

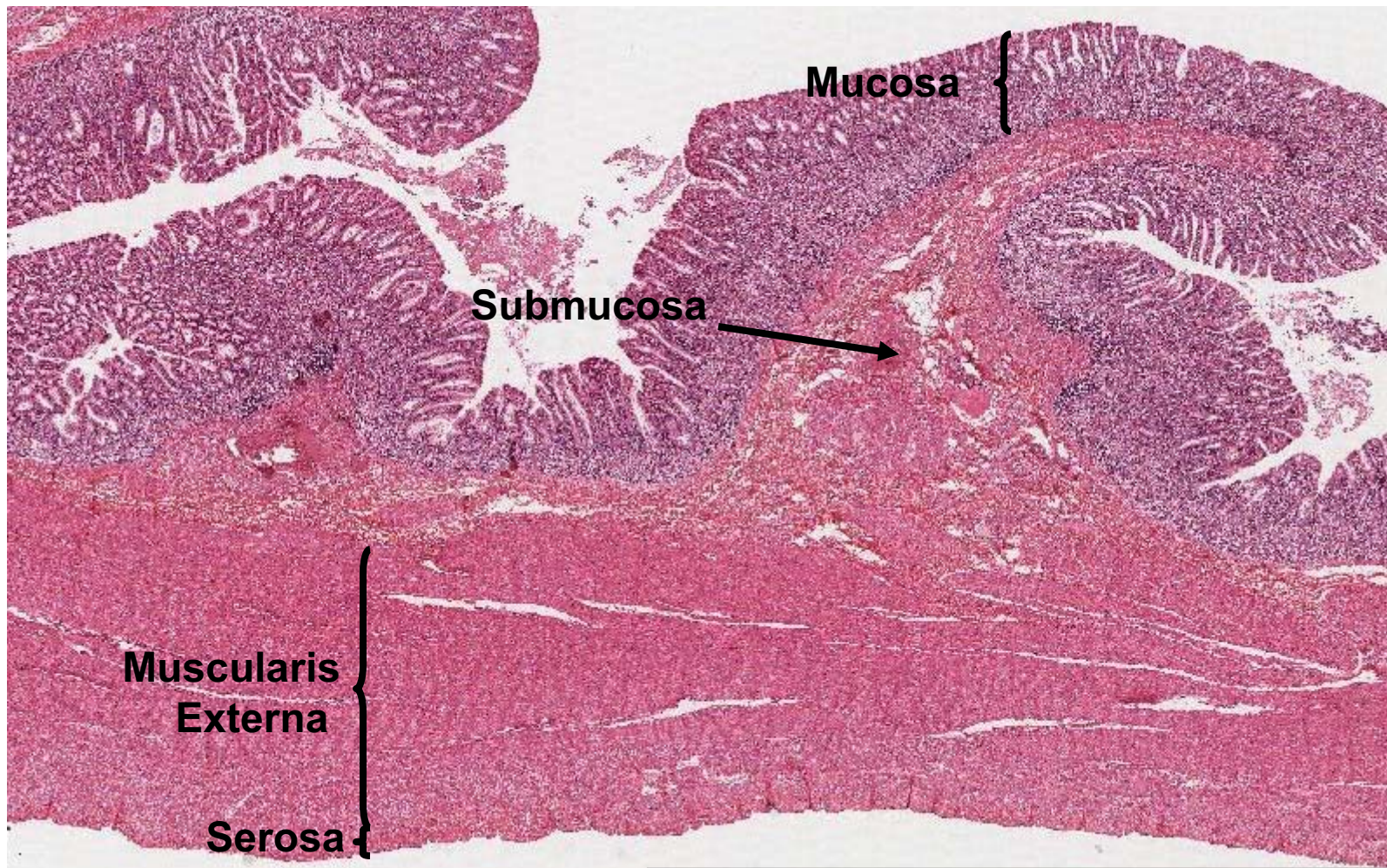


Gall Bladder

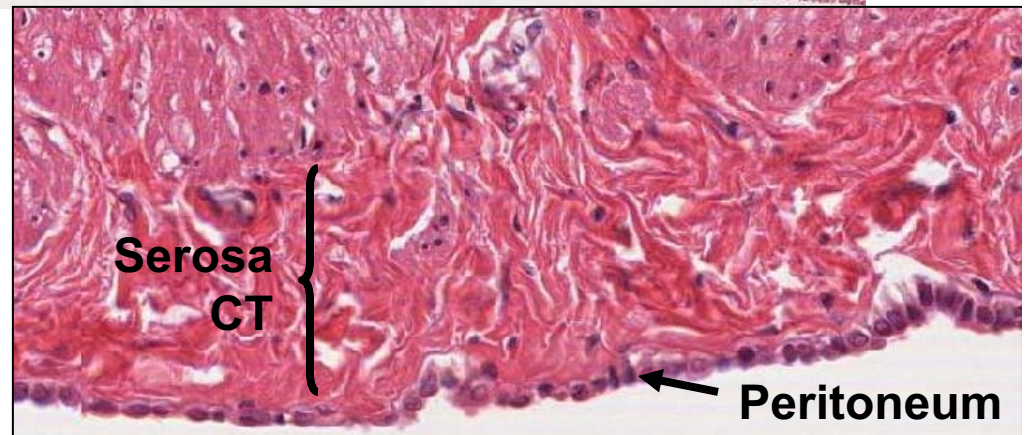


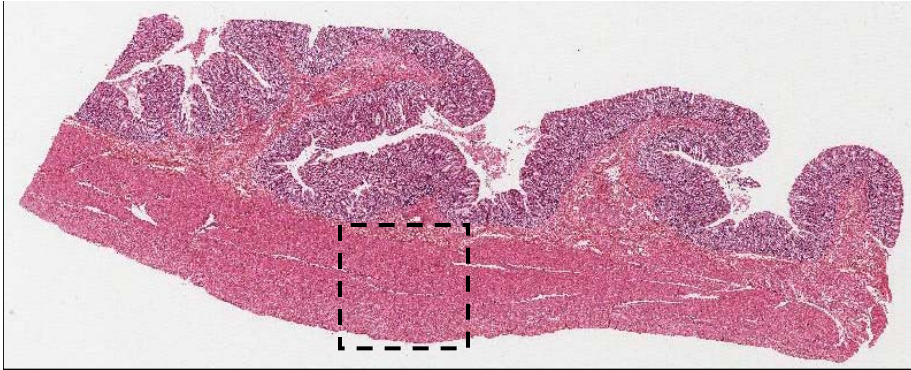
Stomach



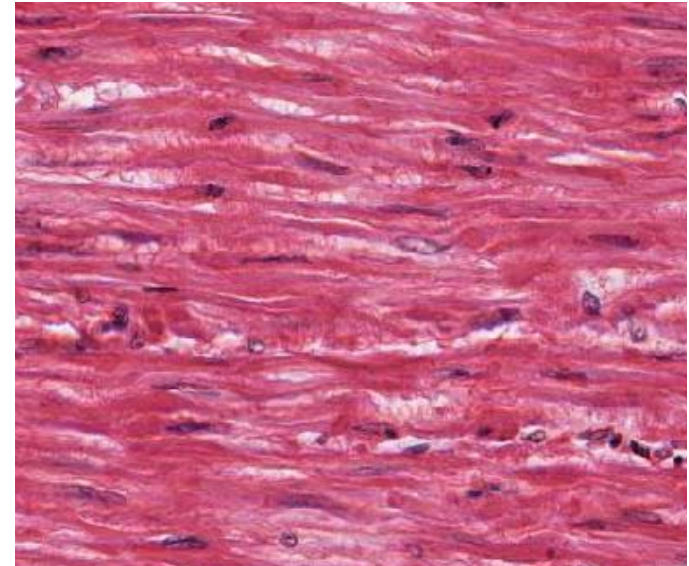


Stomach

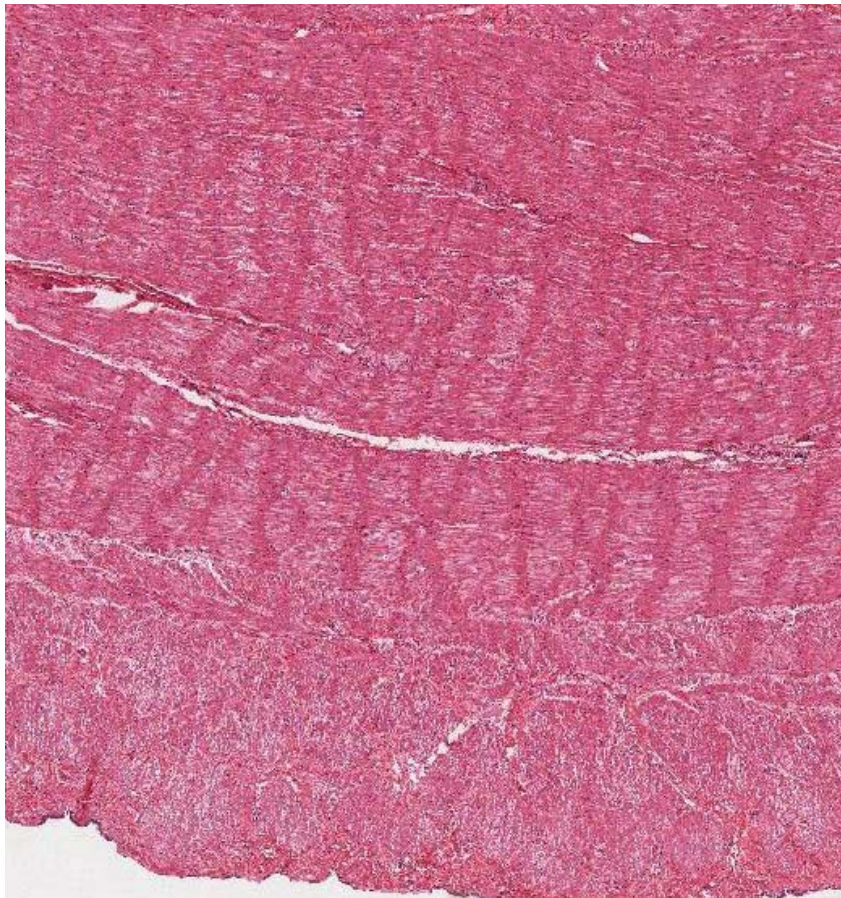




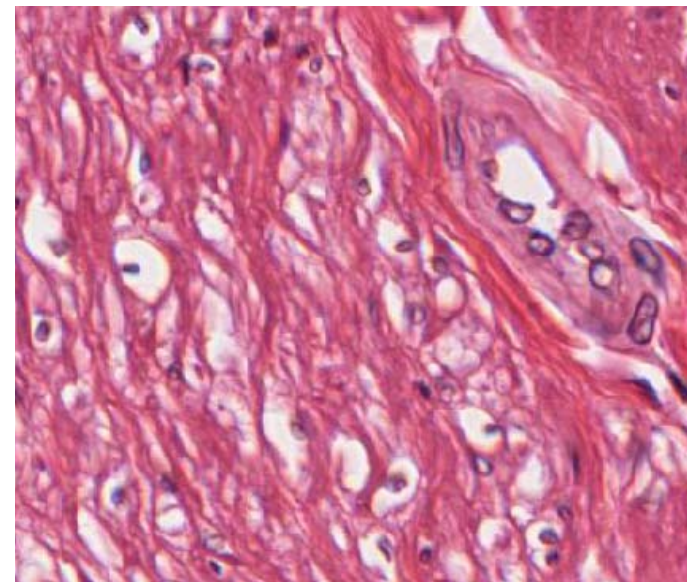
Stomach



Inner Circular Layer

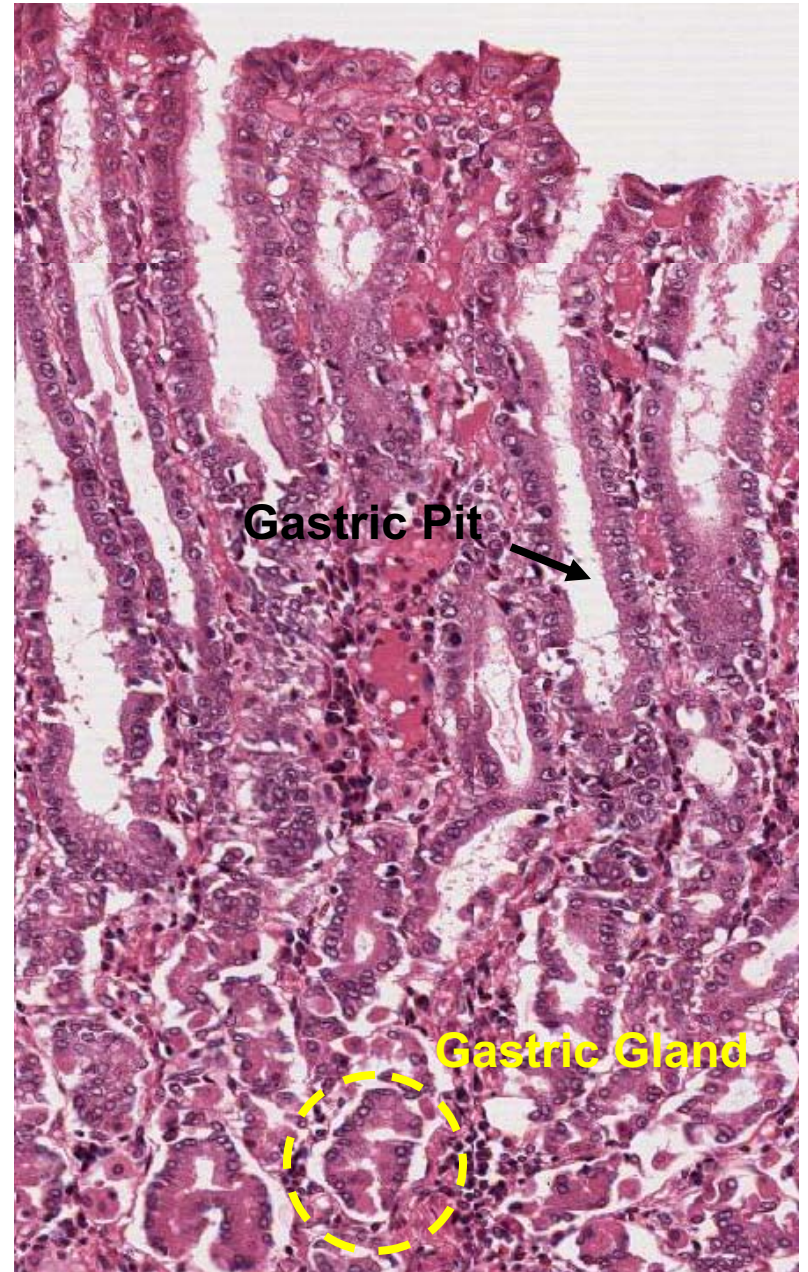
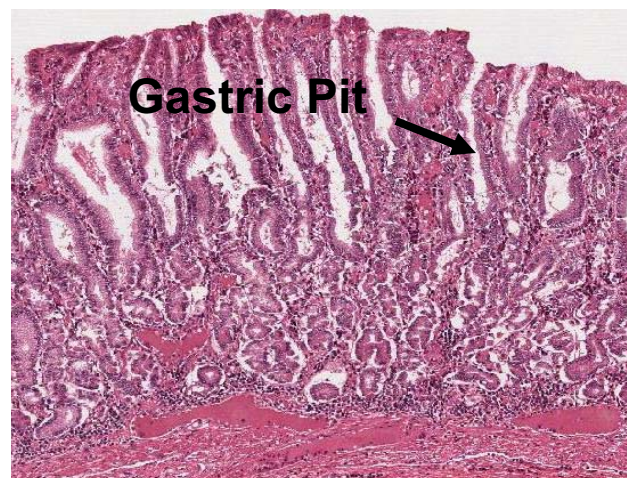
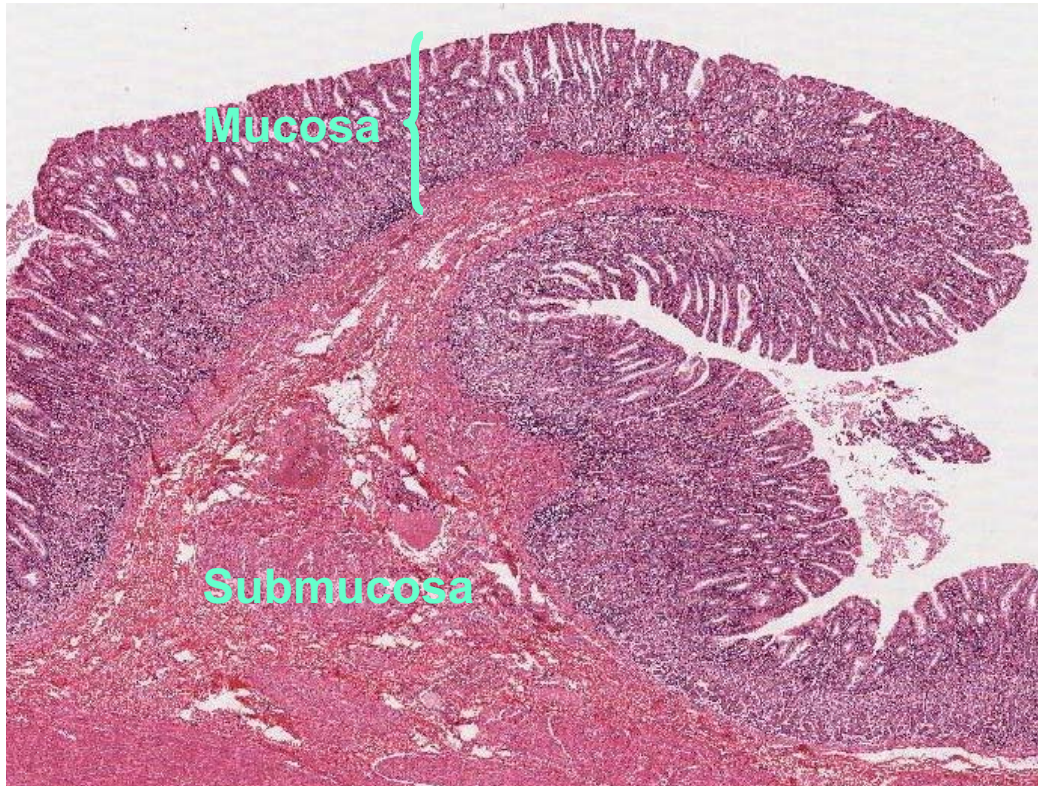


Muscularis Externa



Outer Longitudinal Layer

Stomach

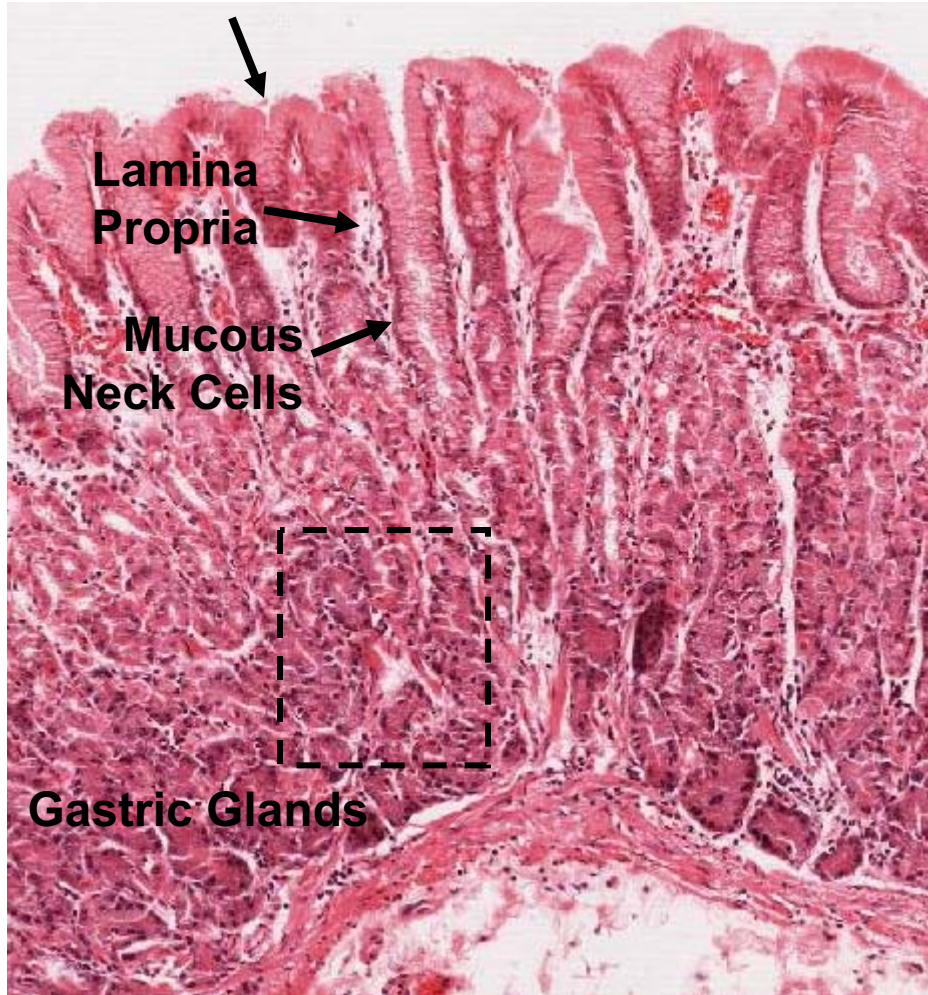


Stomach – Mucosa

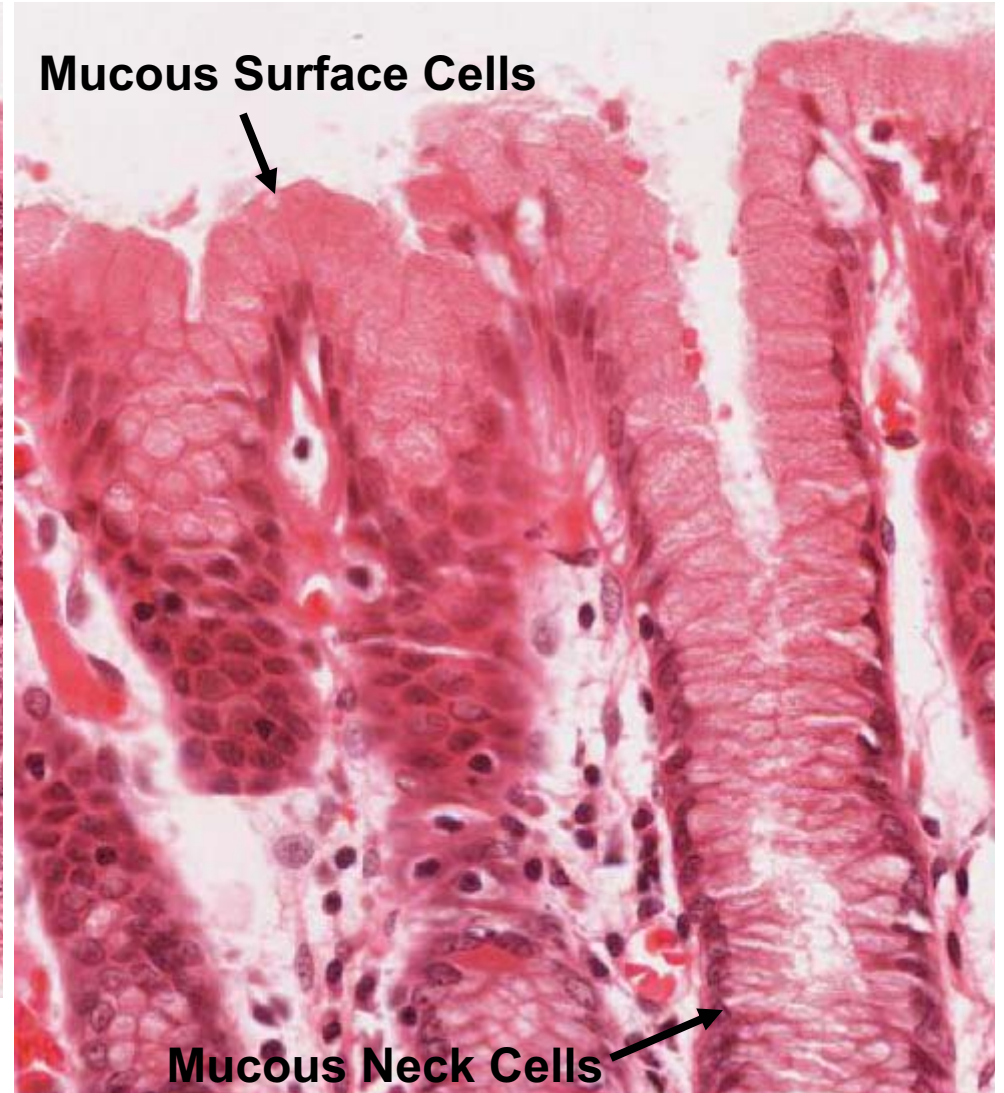


Stomach

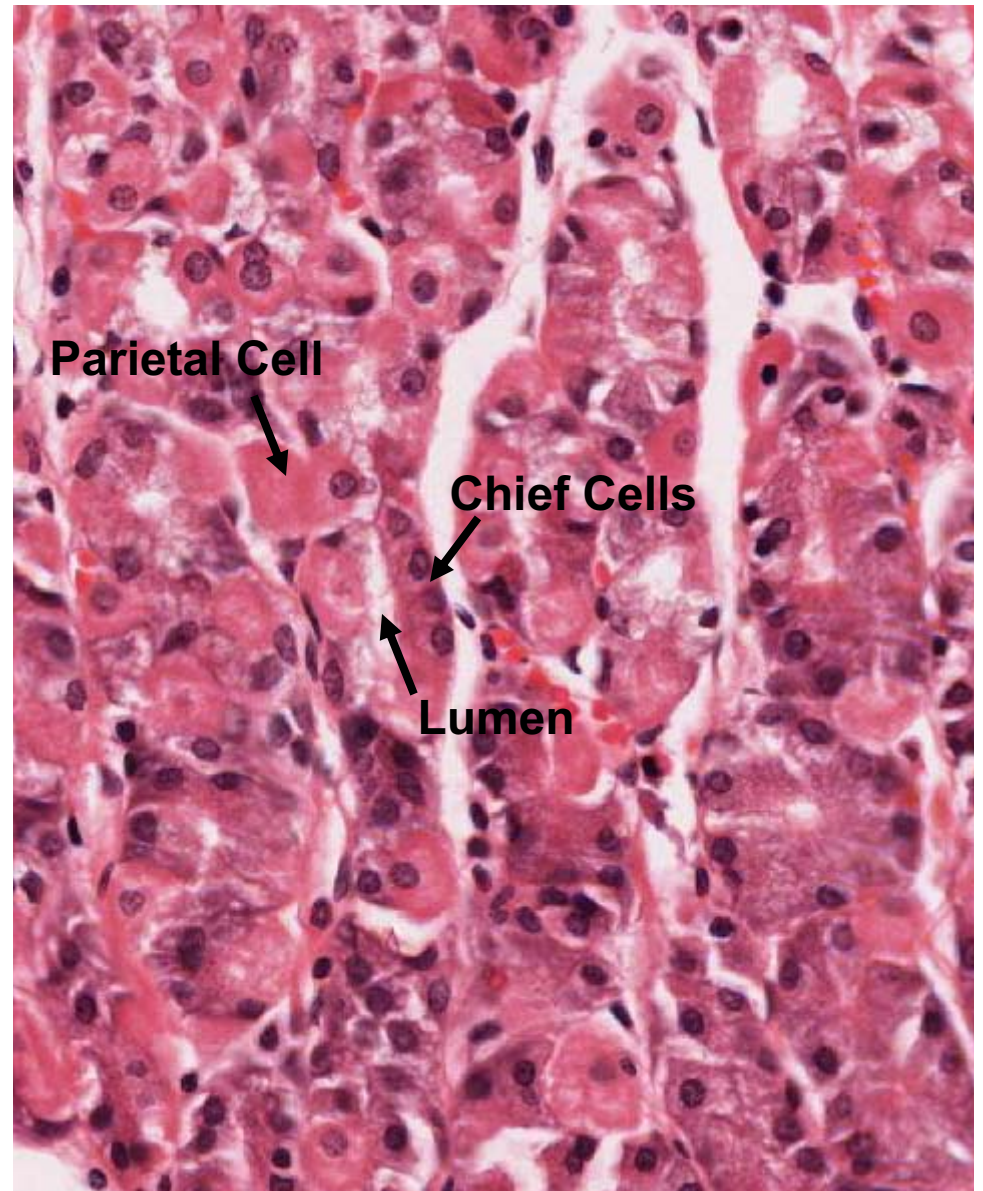
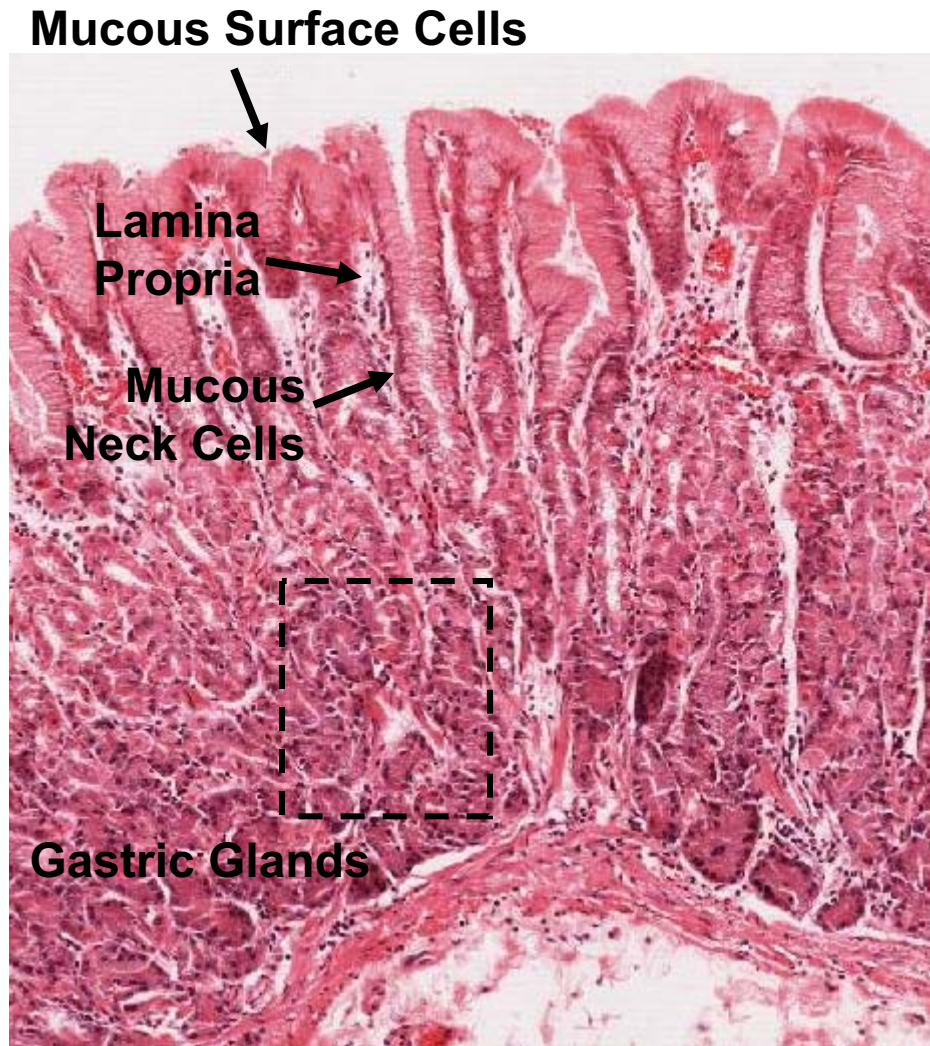
Mucous Surface Cells



Mucous Surface Cells



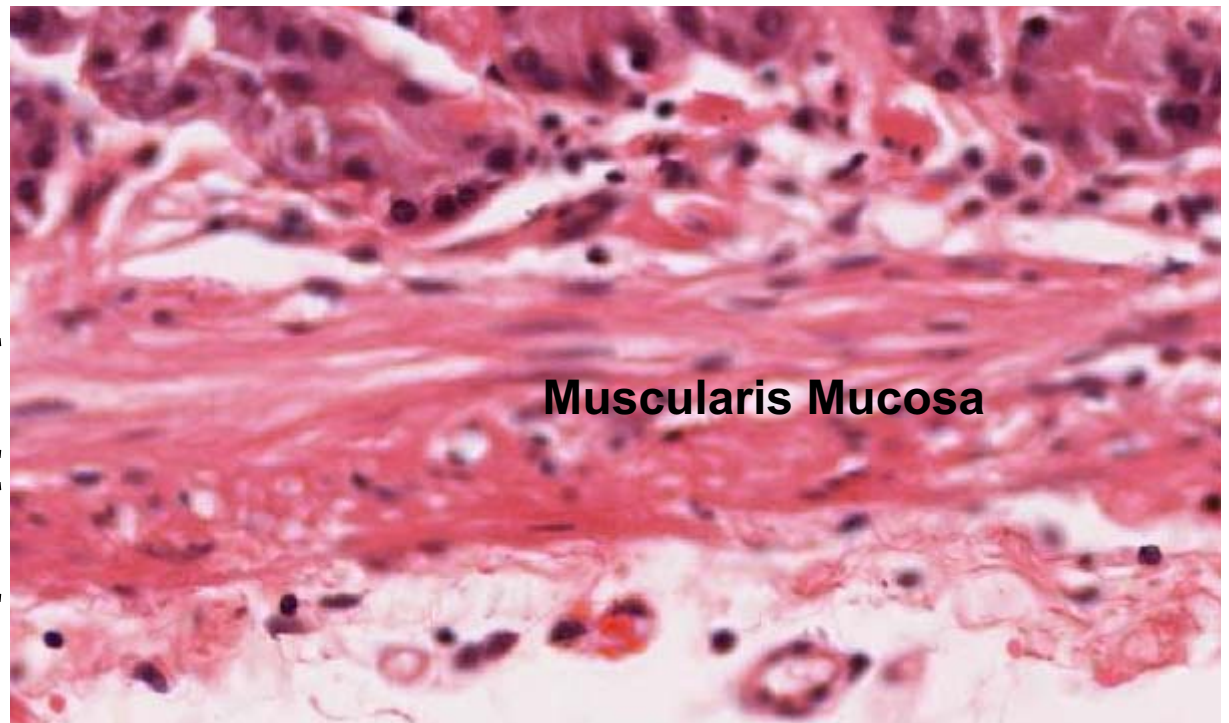
Stomach



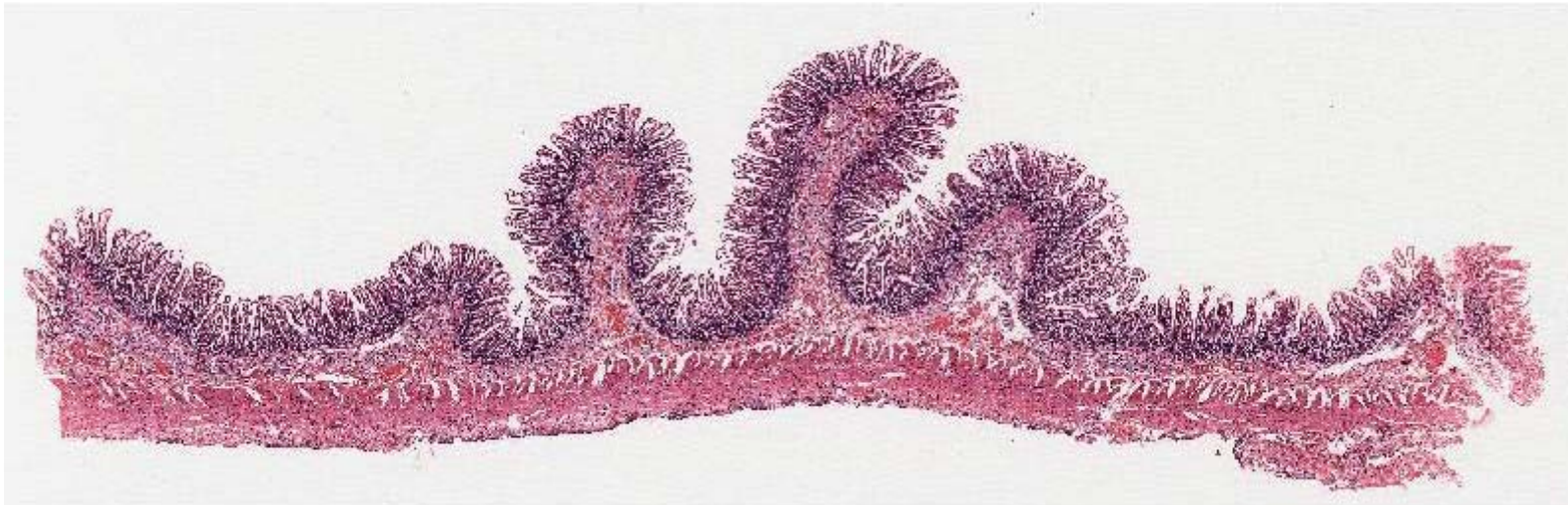


Stomach – Muscularis Mucosa

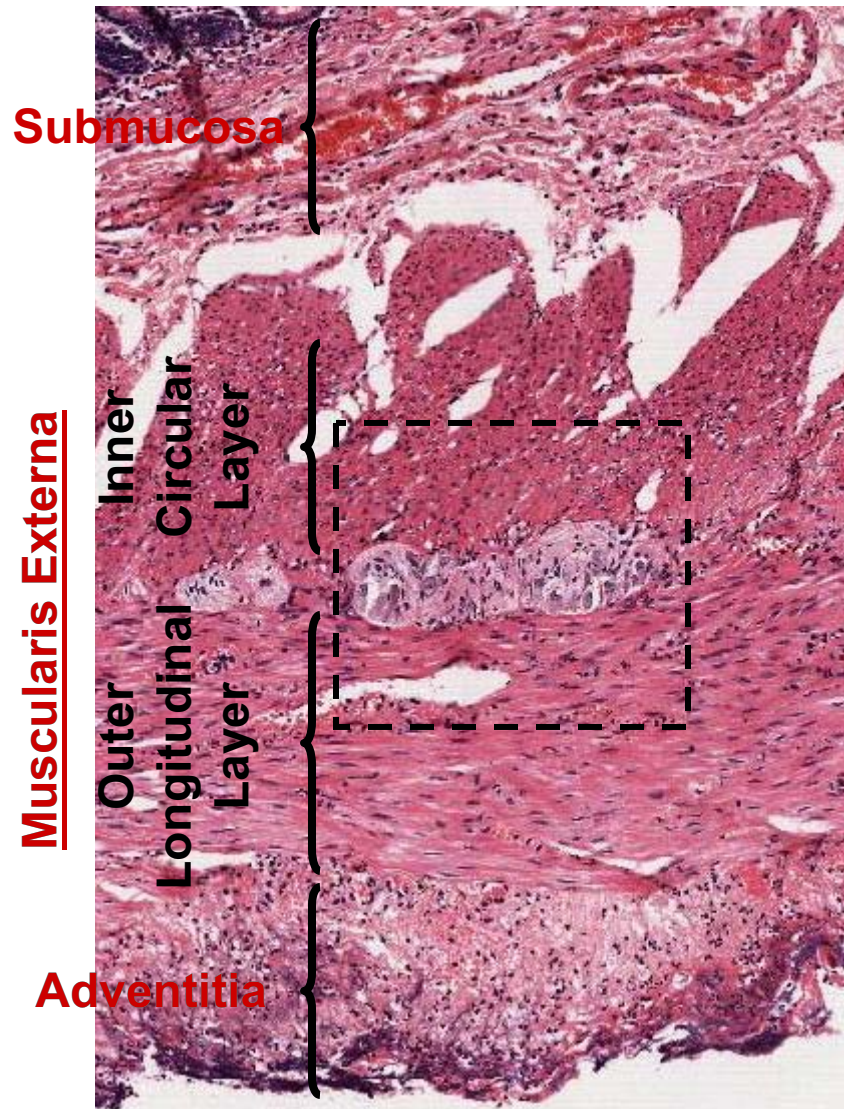
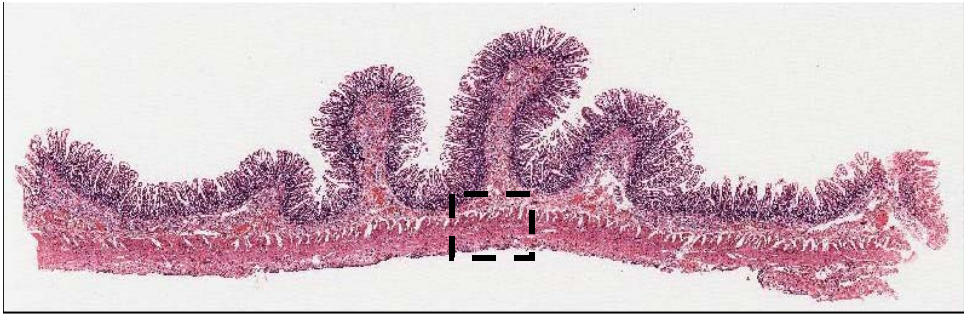
Inner Circular Layer {
Outer Longitudinal Layer {



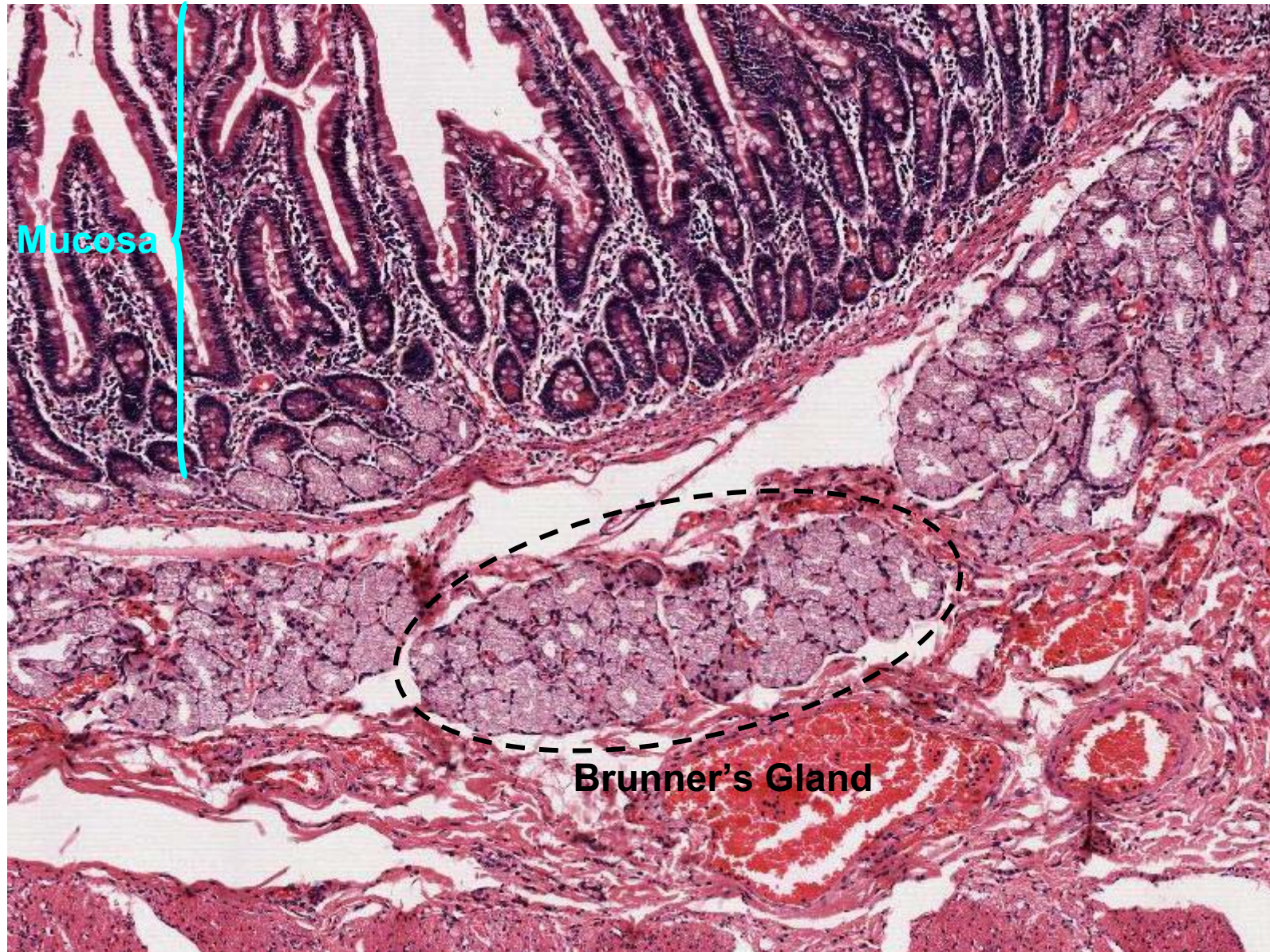
Small Intestine



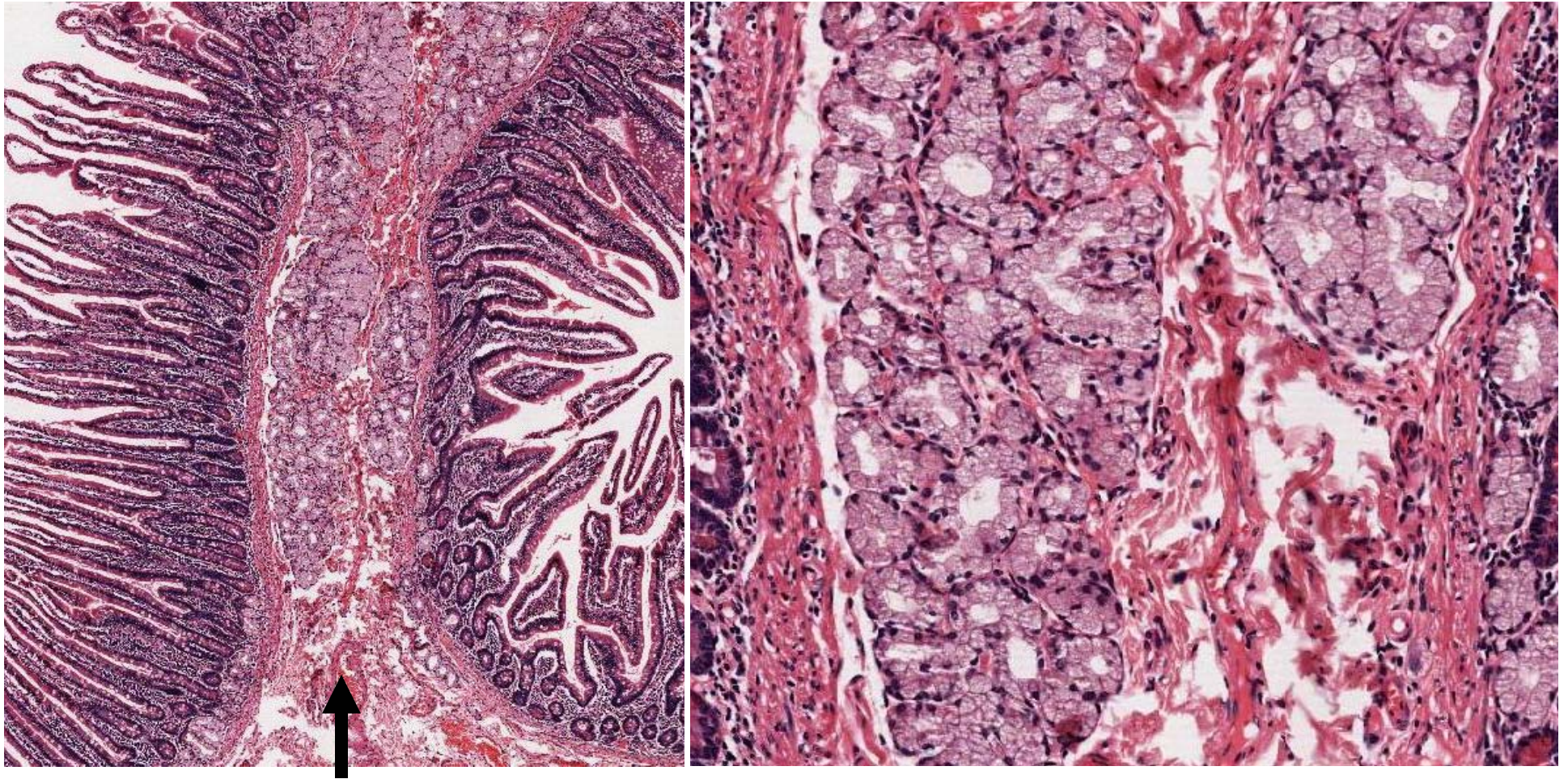
Small Intestine



Duodenum – Submucosa: Brunner's Glands

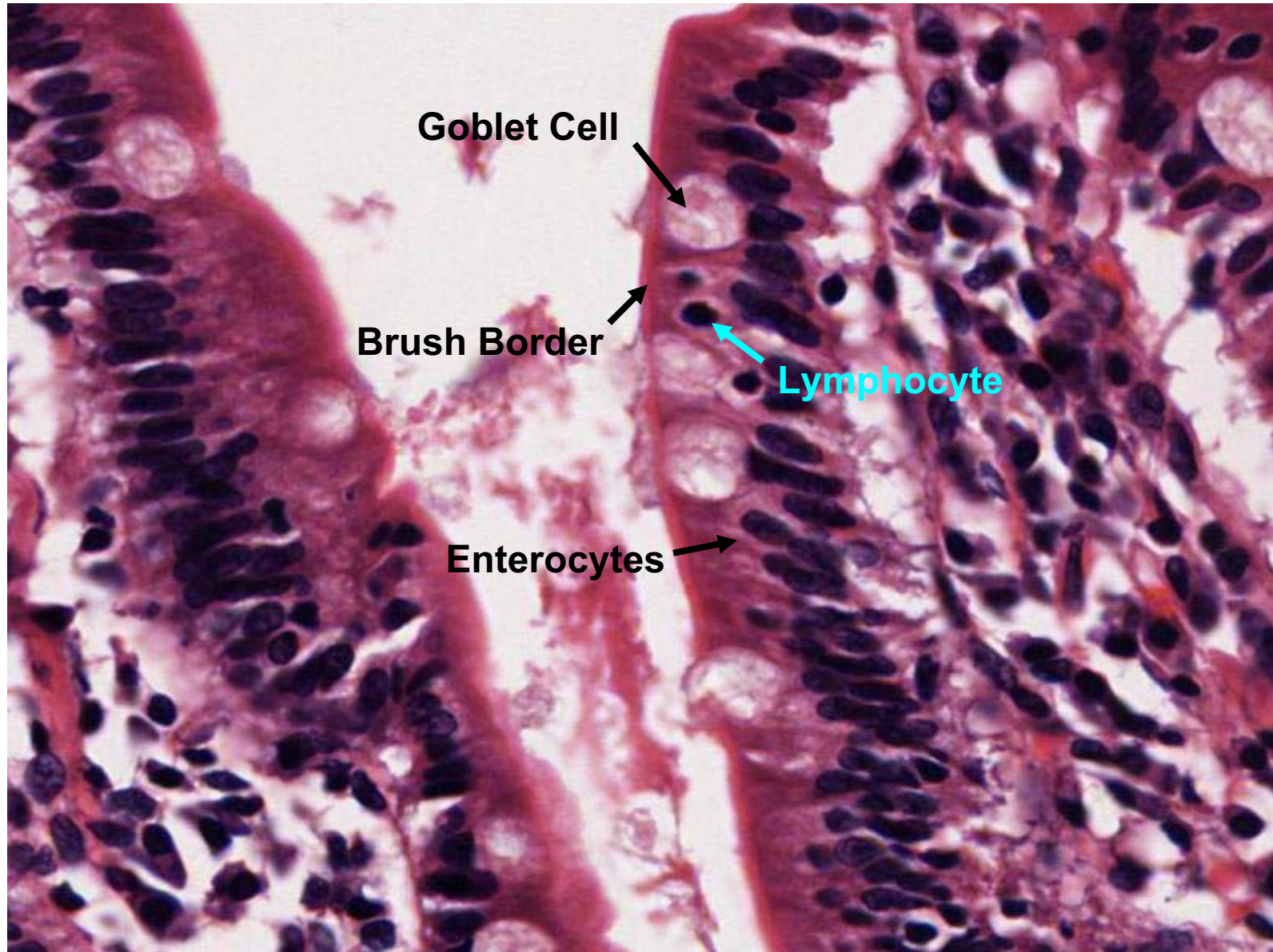


Duodenum – Submucosa: Brunner's Glands

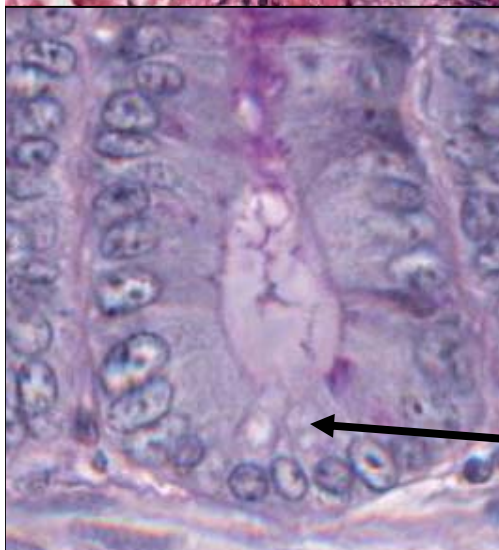
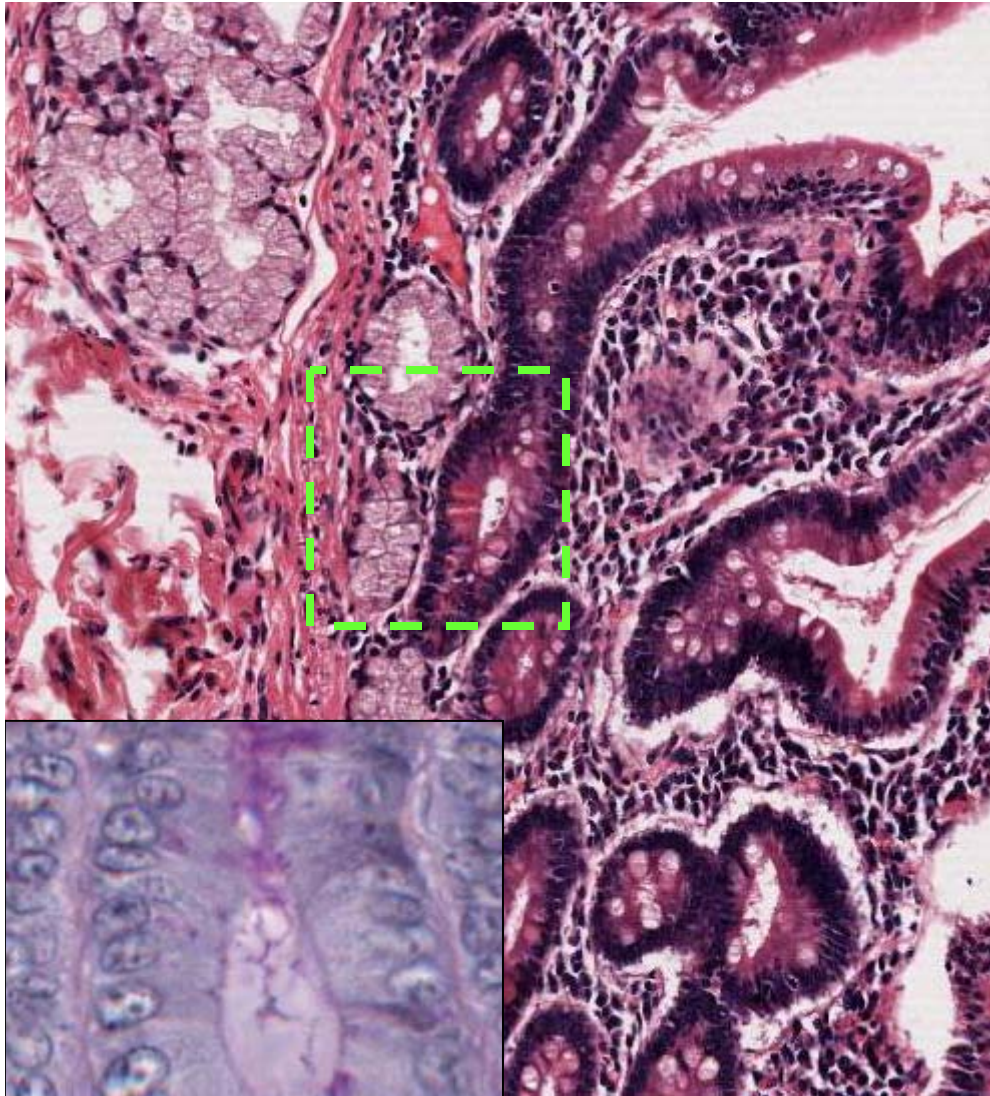


Submucosa

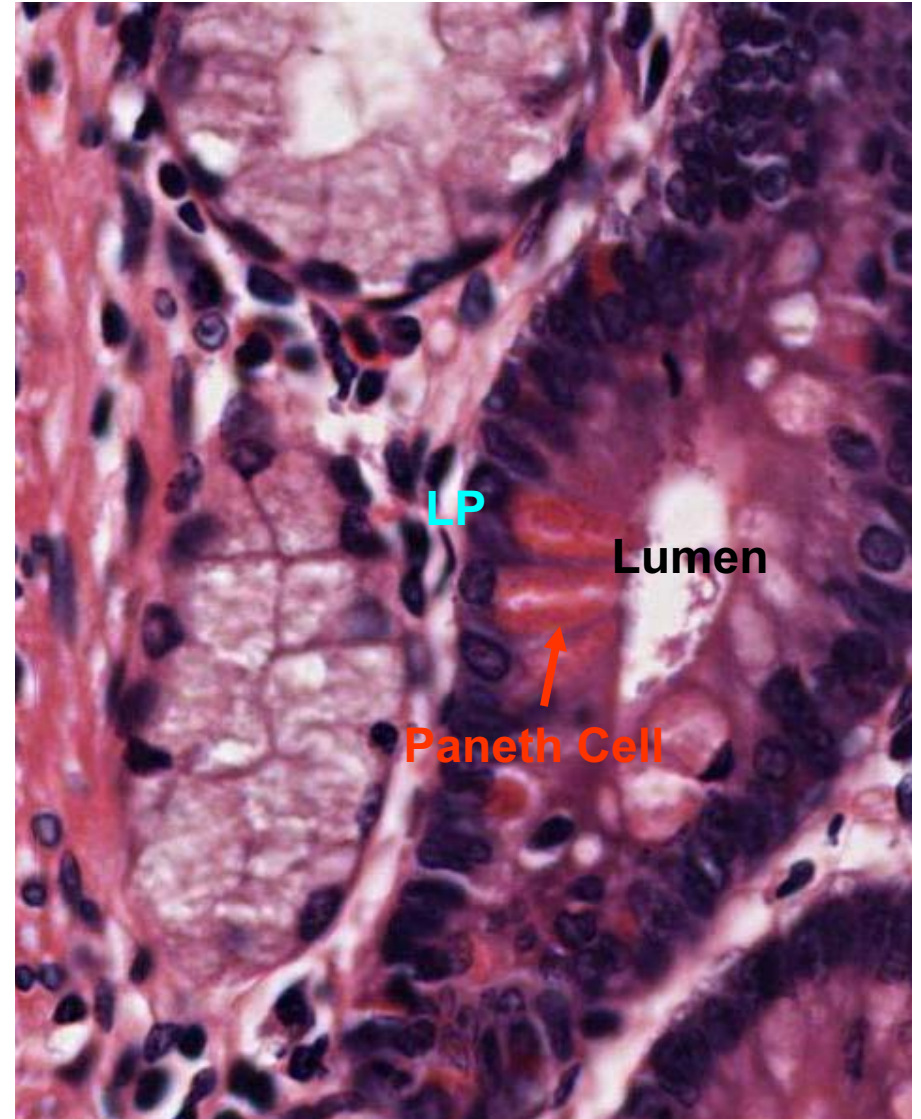
Small Intestine – Mucosa



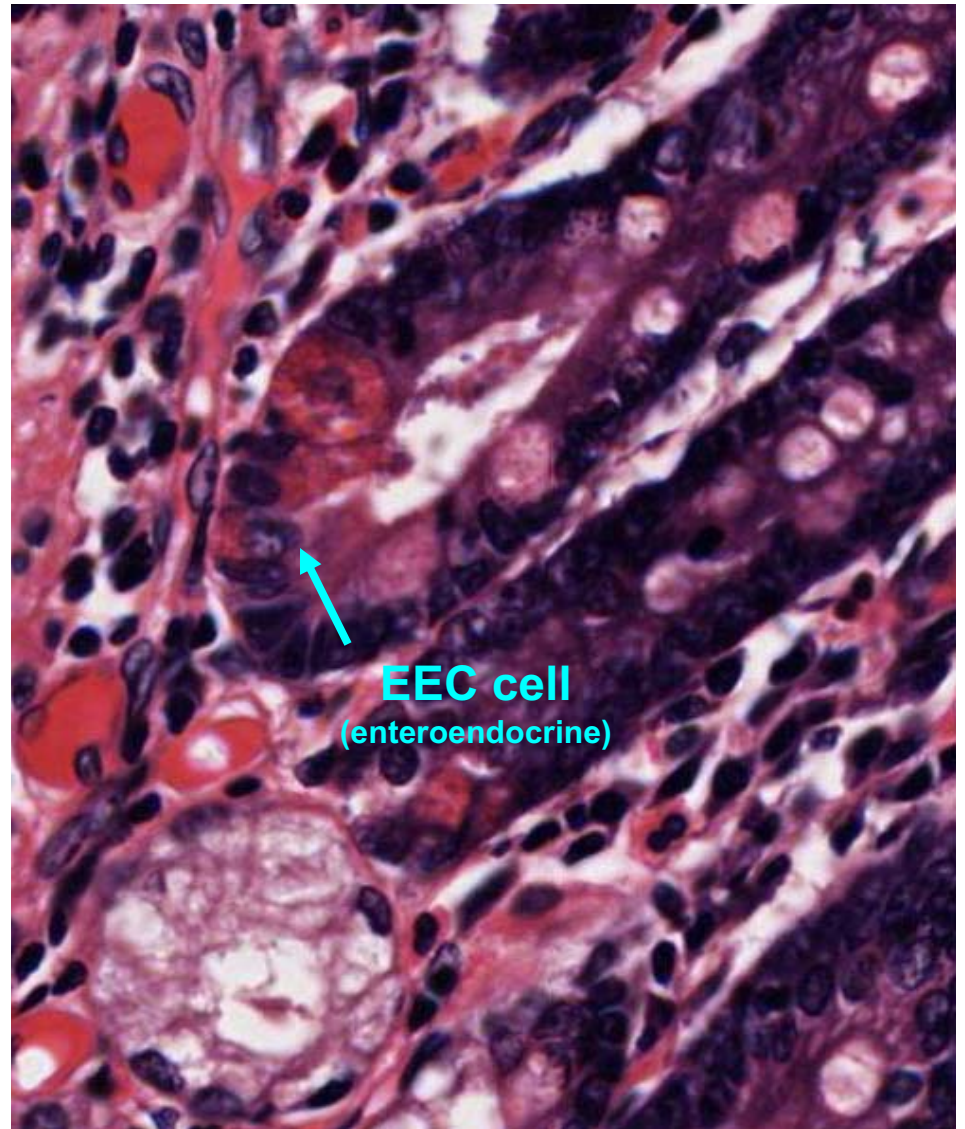
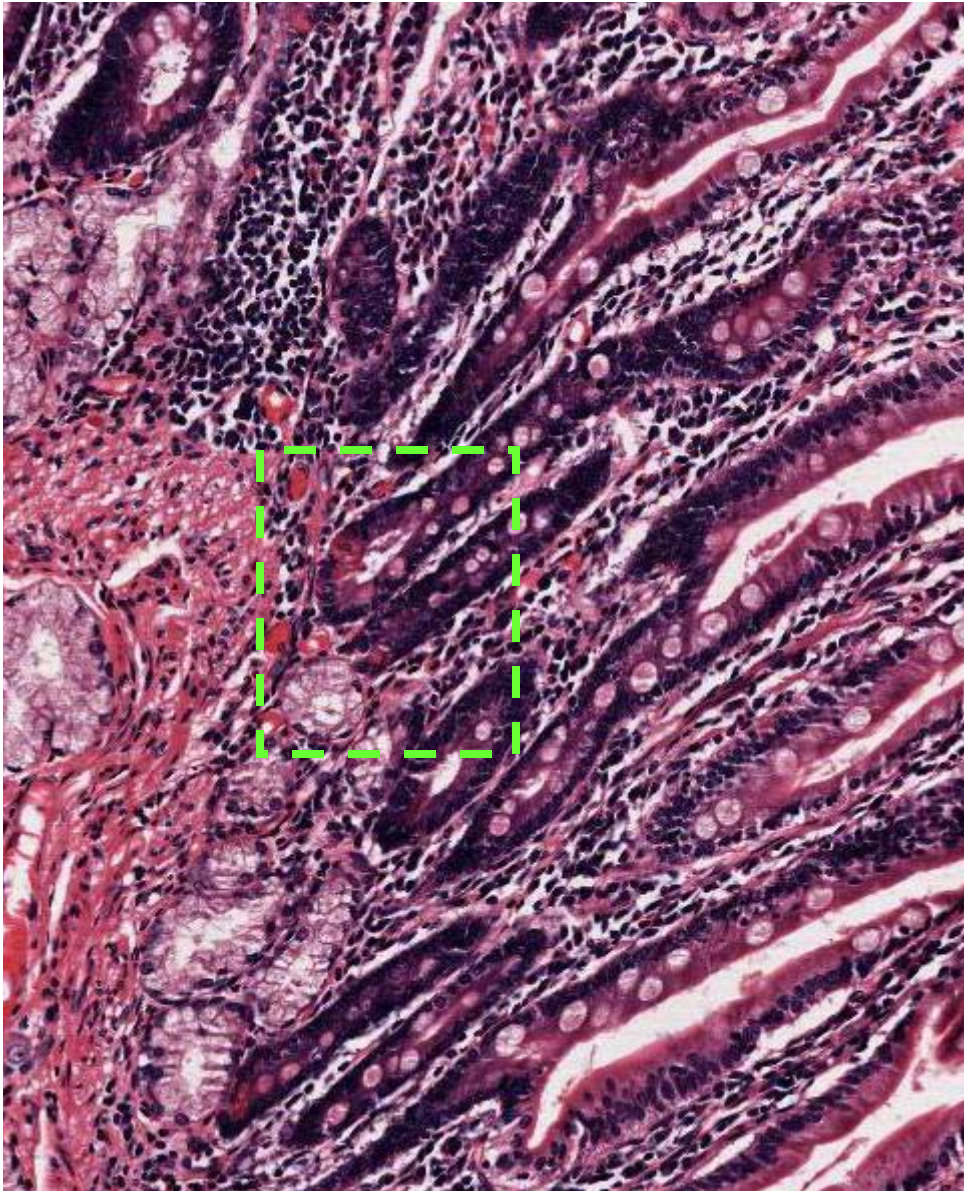
Small Intestine – Crypts: Paneth Cells



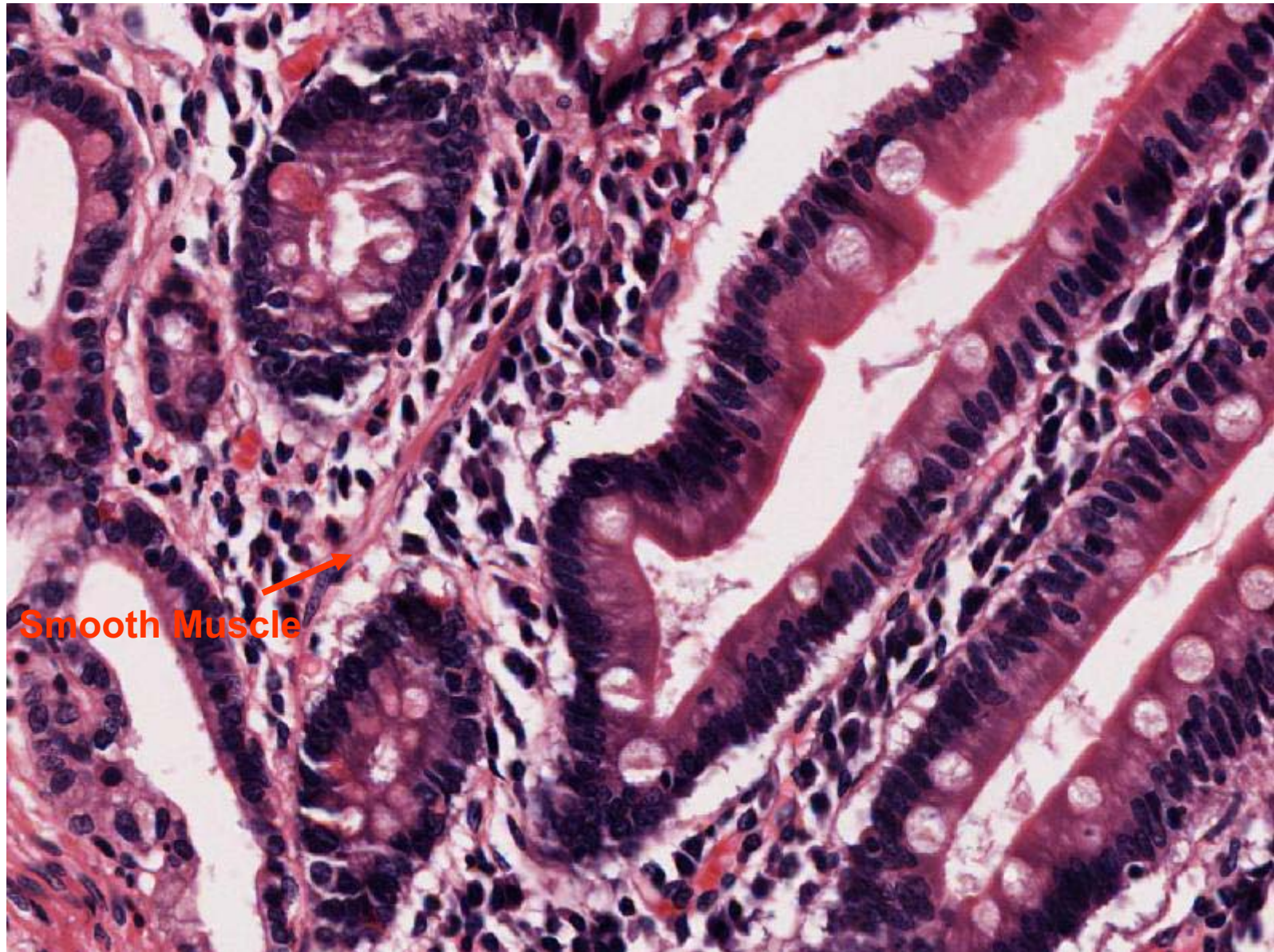
Panneth Cells
(PAS = poor staining of
secretory granules)



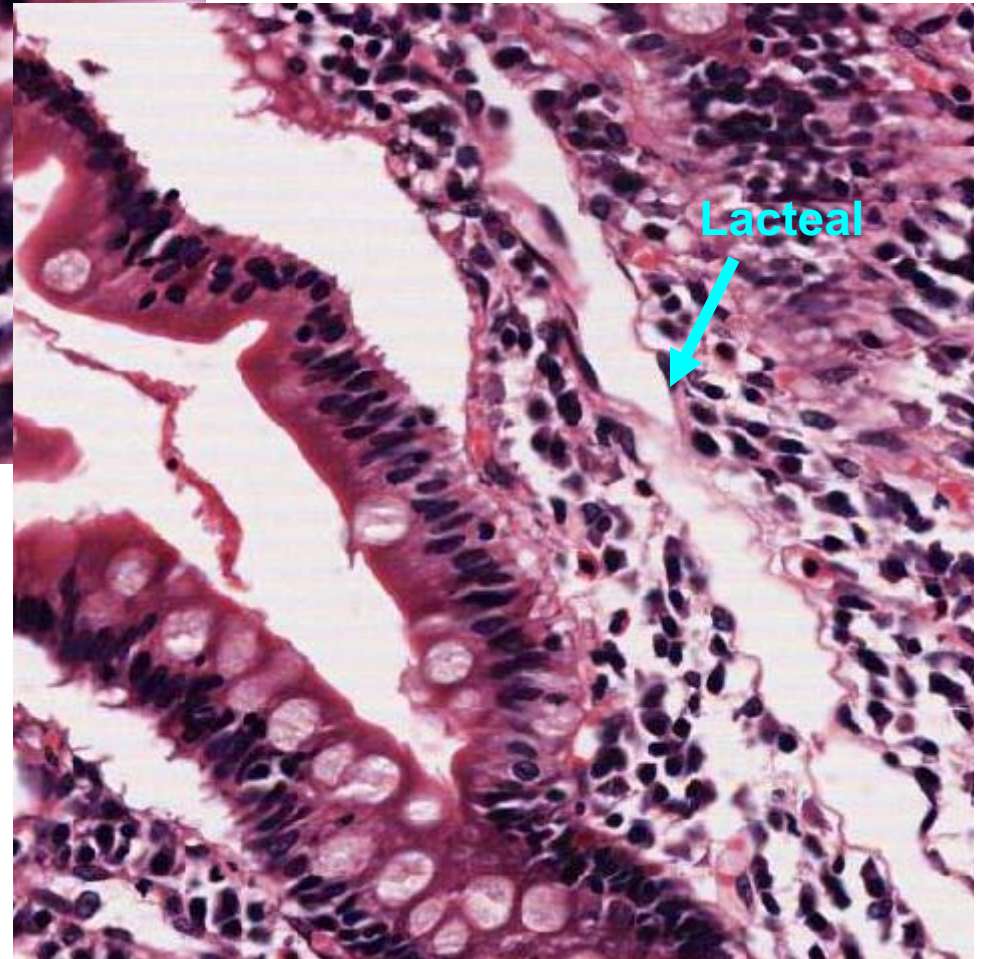
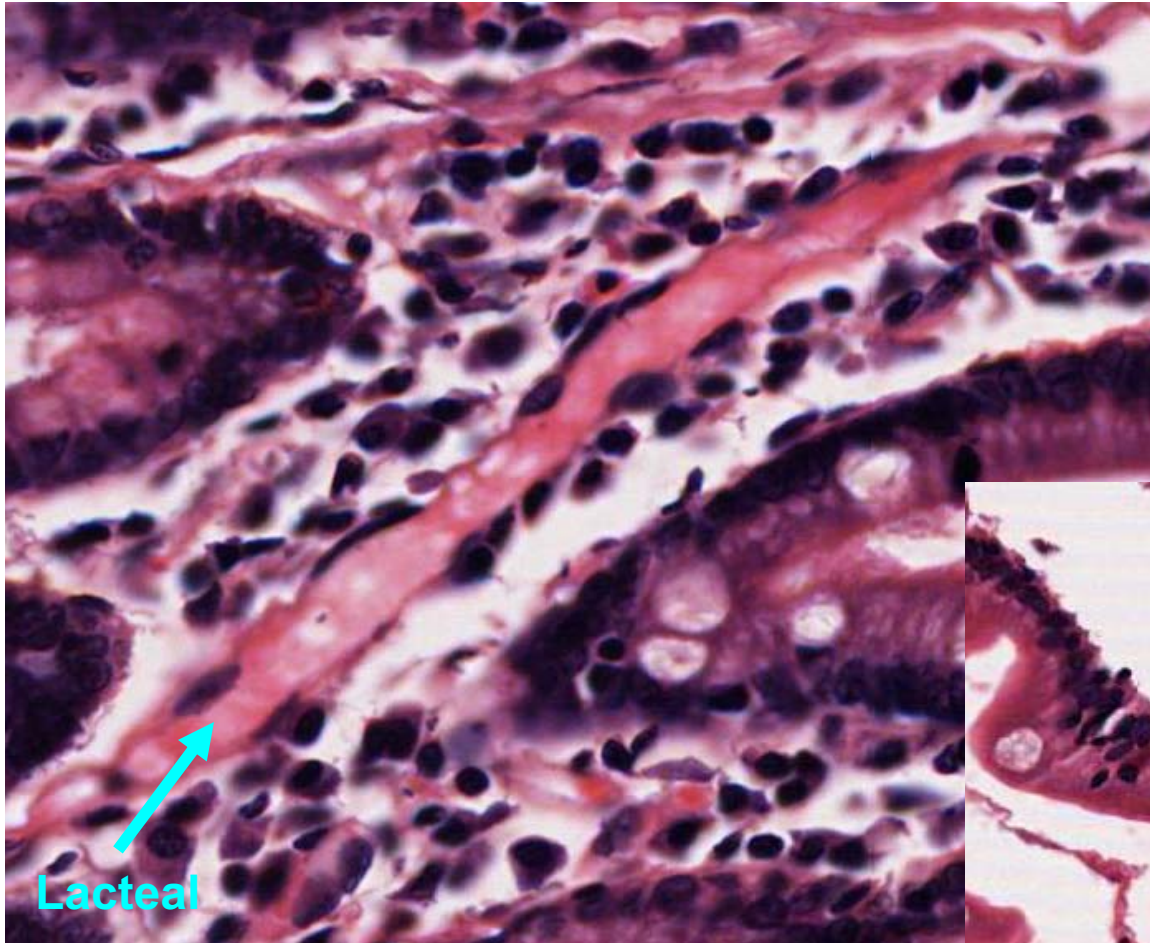
Small Intestine – Crypts: EEC Cells



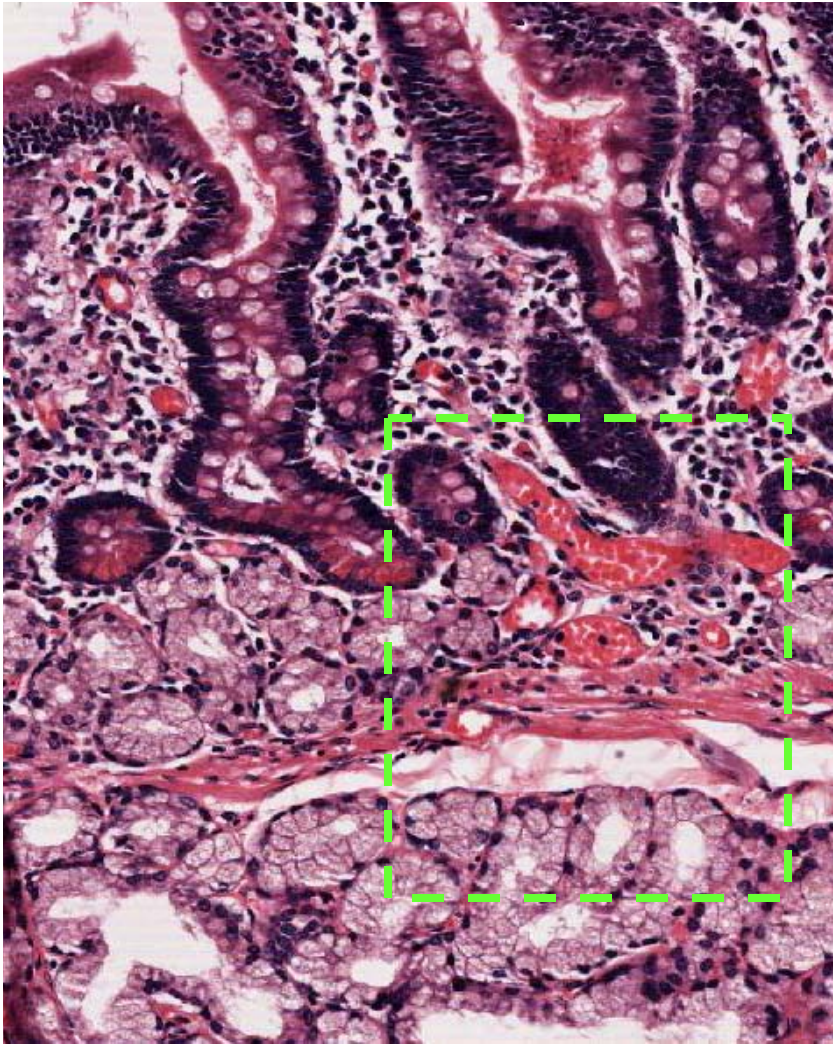
Small Intestine – Smooth Muscle



Small Intestine: Lacteals



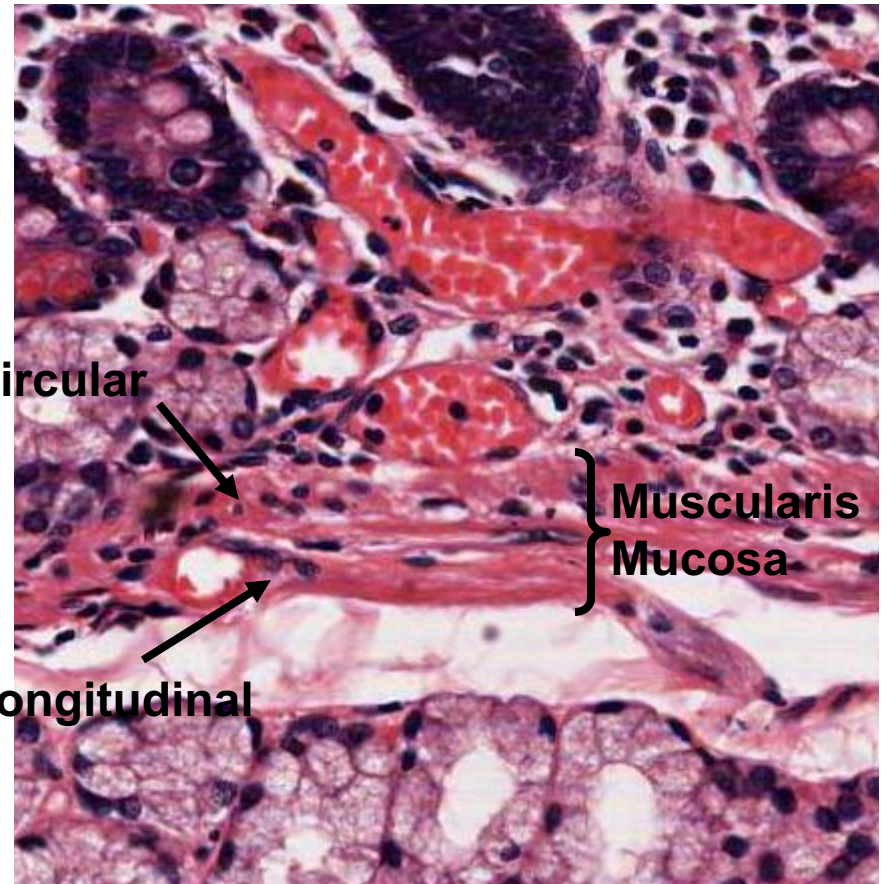
Small Intestine – Muscularis Mucosa



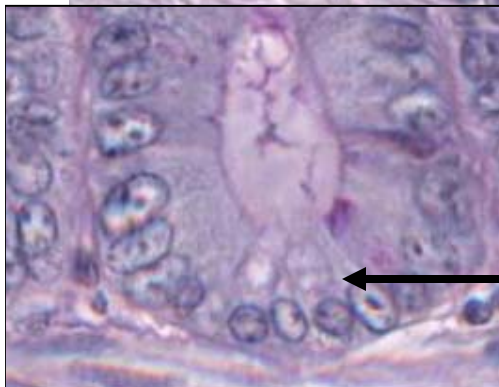
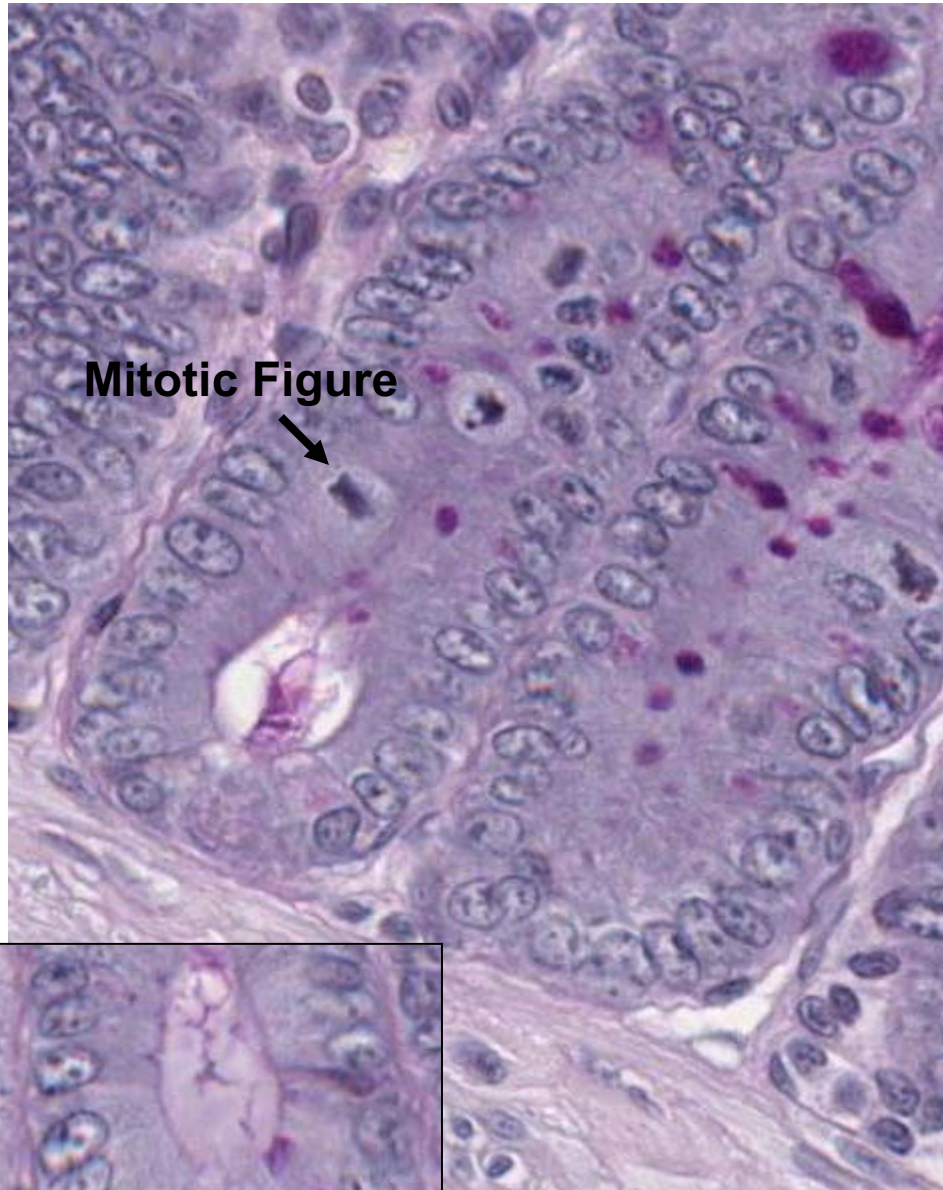
Inner Circular

Outer Longitudinal

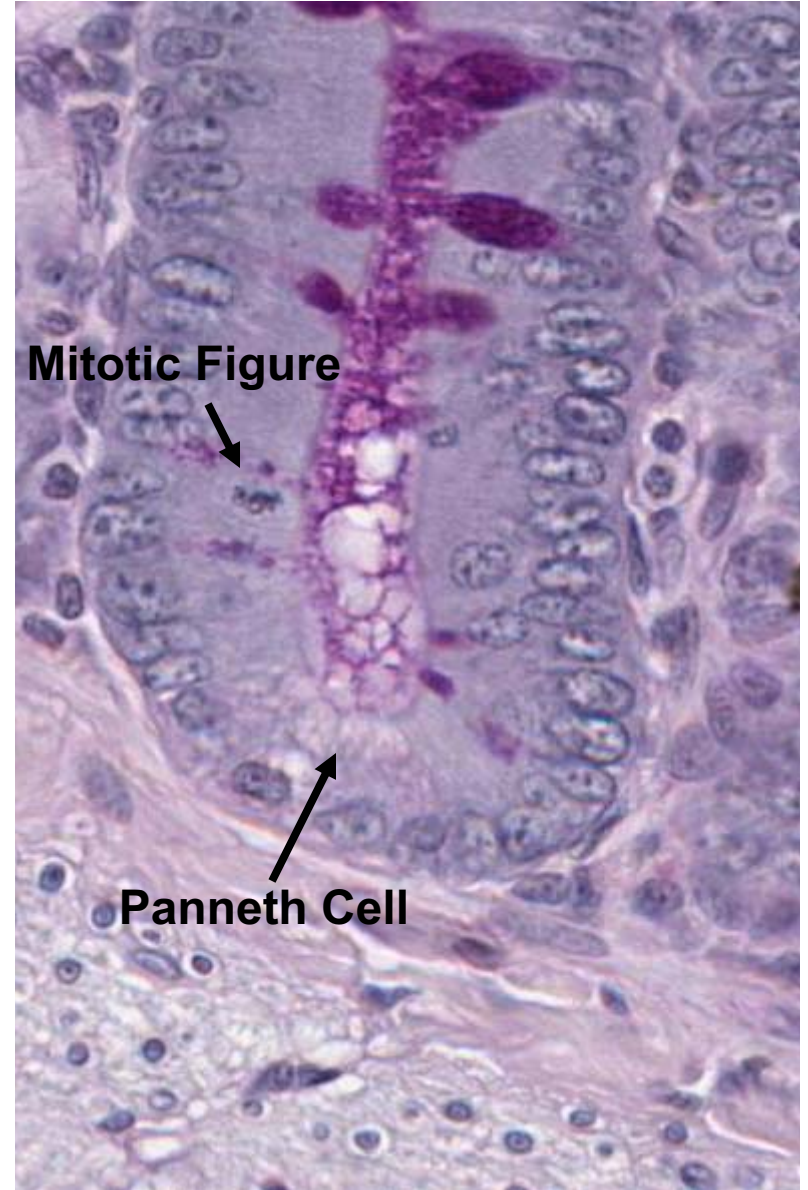
**Muscularis
Mucosa**



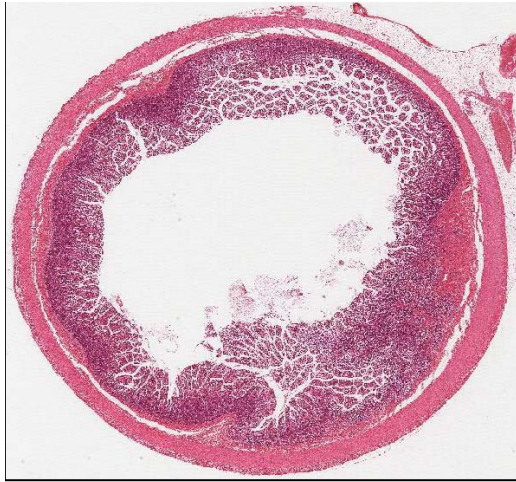
Small Intestine – Mitotic Figures



Panneth Cells
(PAS = poor staining of
secretory granules)



Ileum



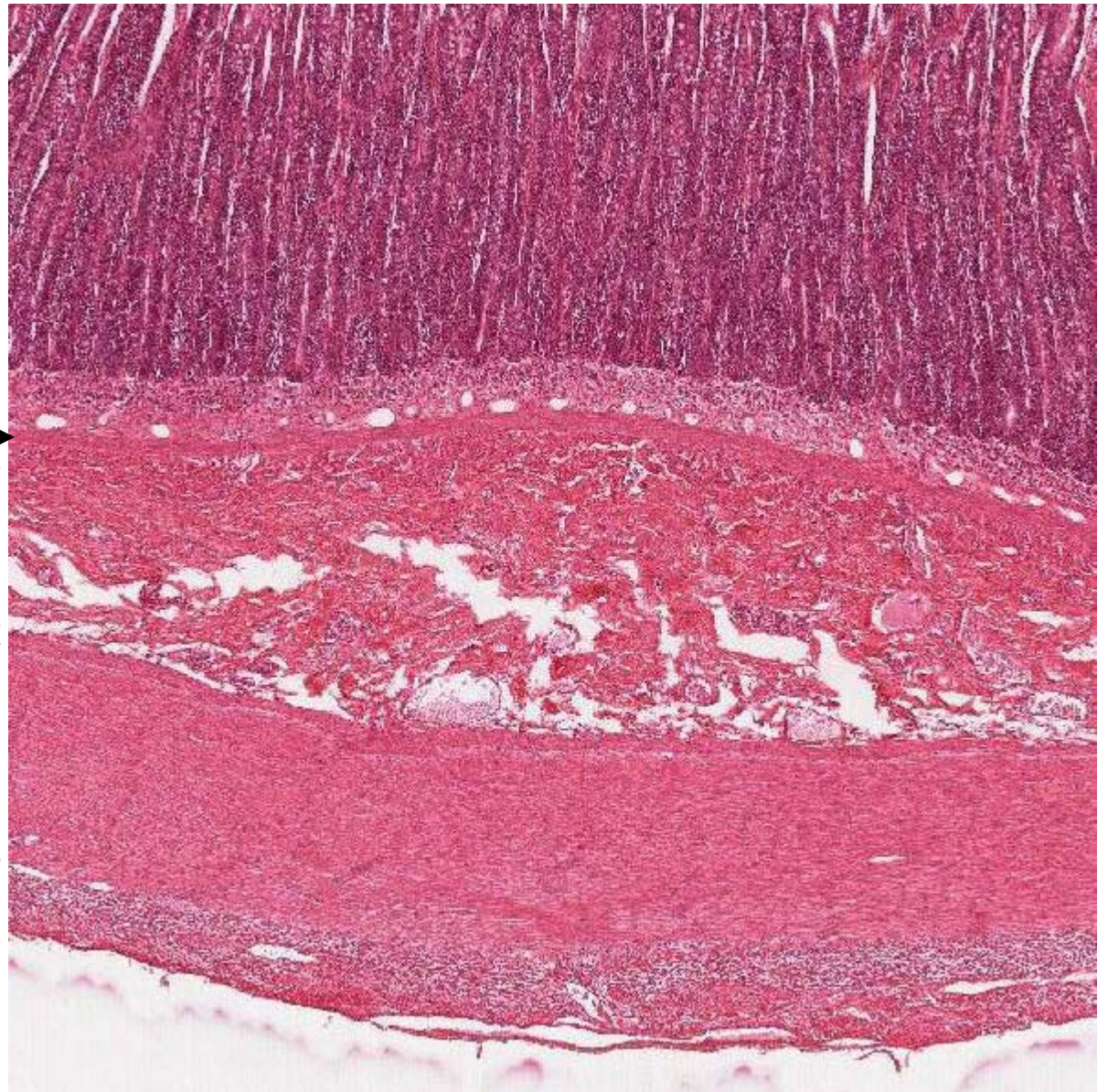
Mucosa

Muscularis Mucosa →

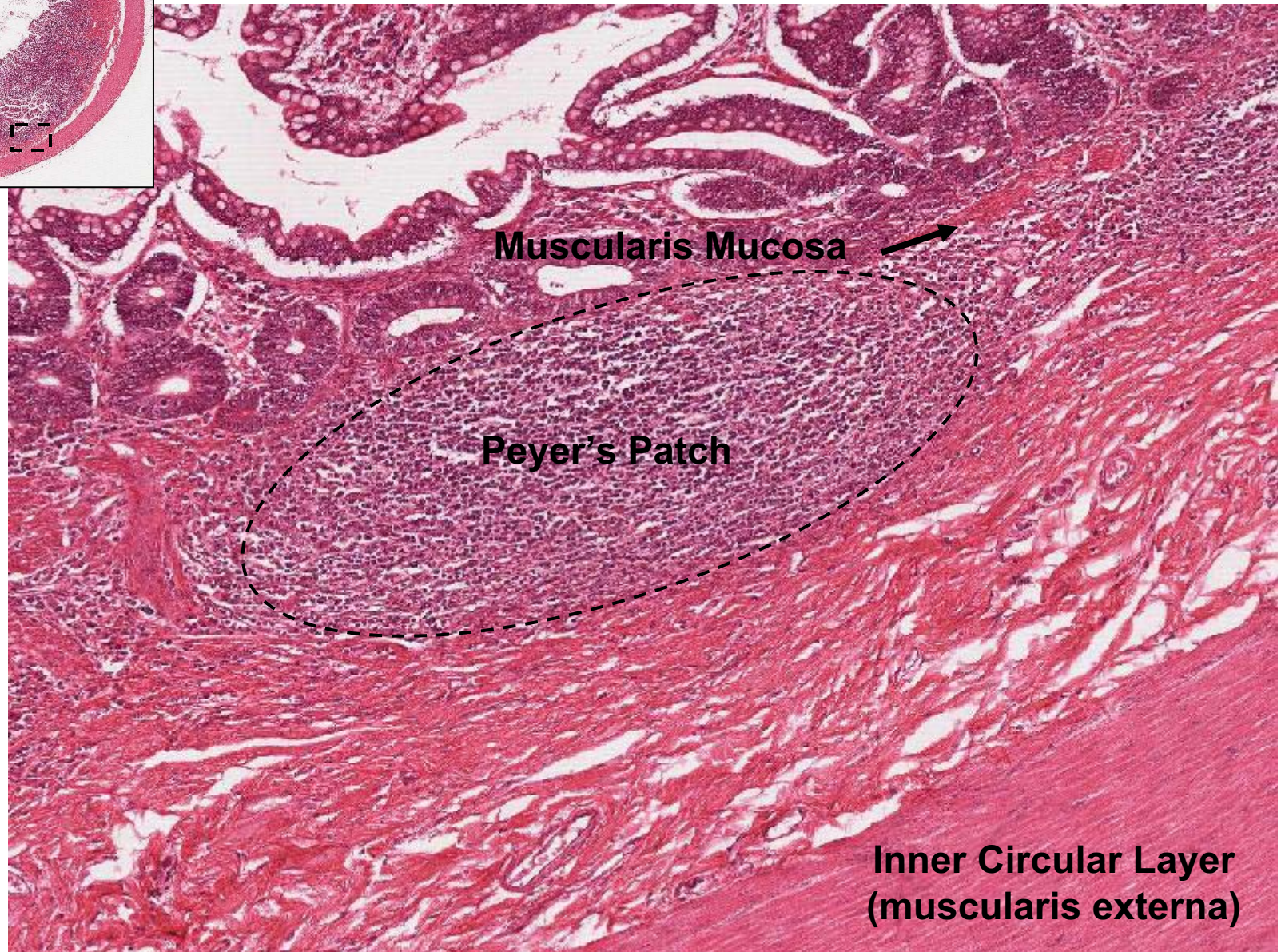
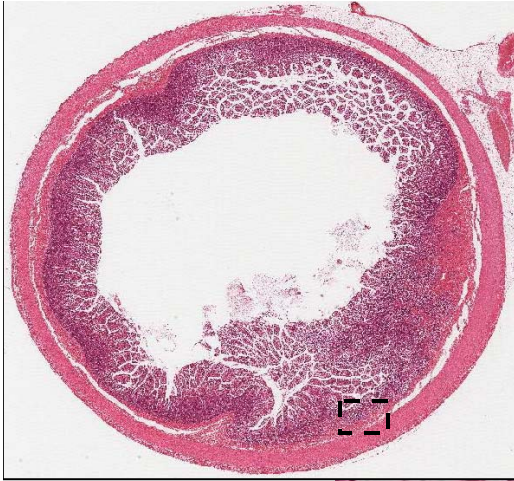
Submucosa {

Muscularis Externa {

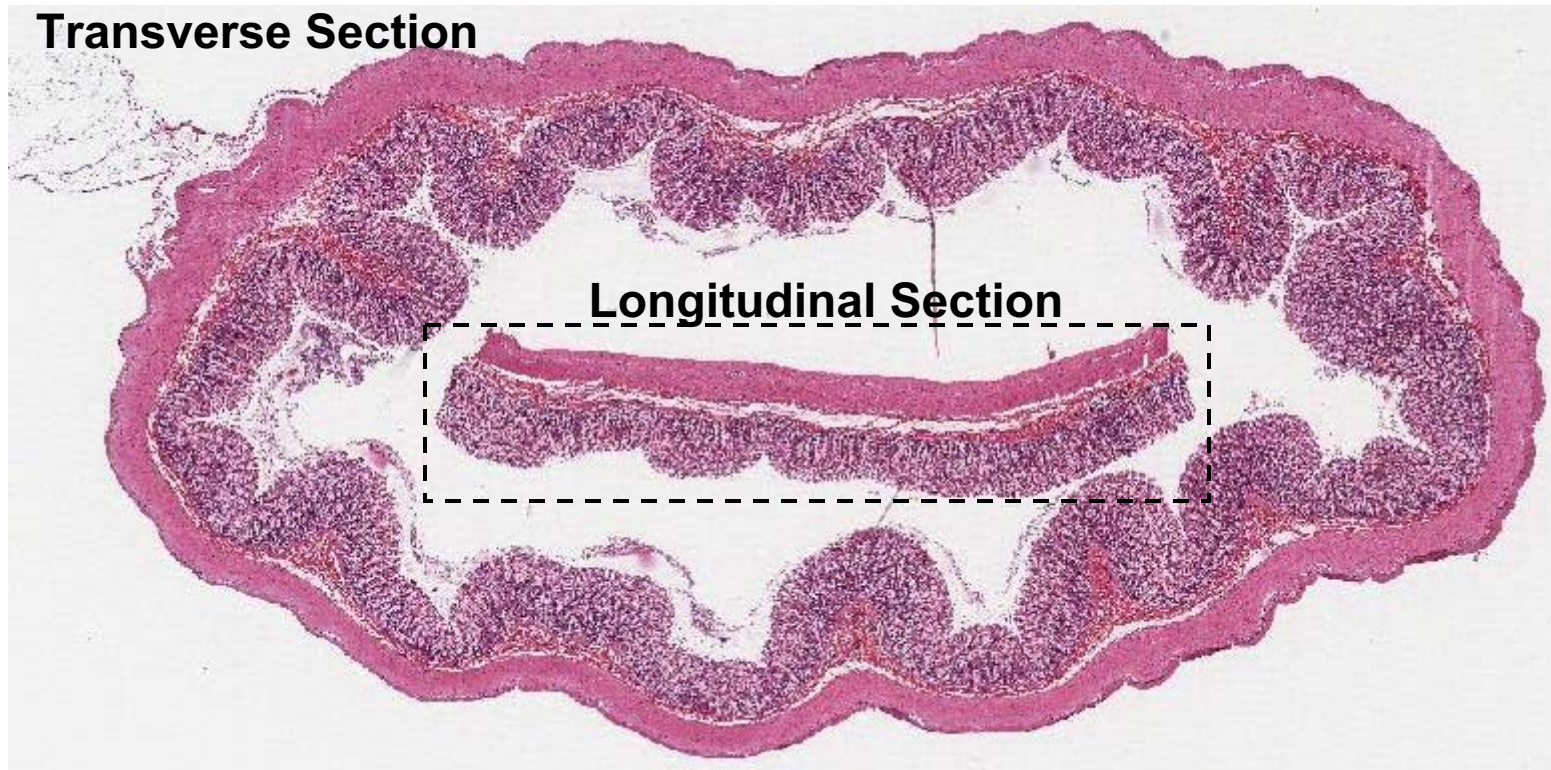
Adventitia



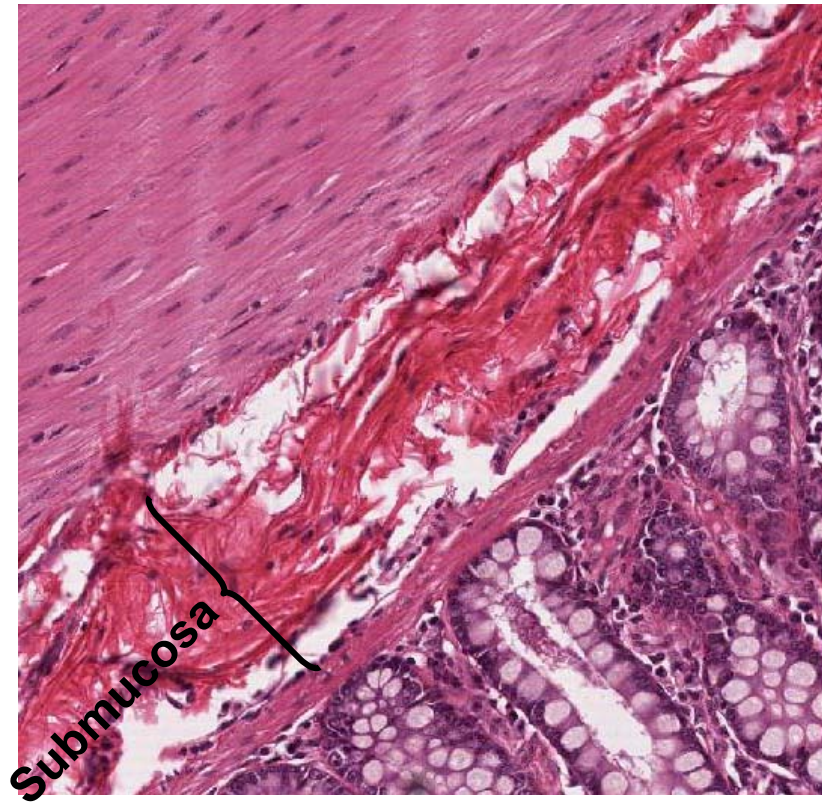
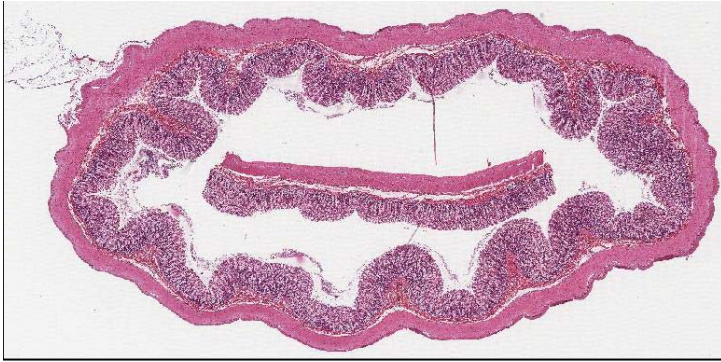
Ileum



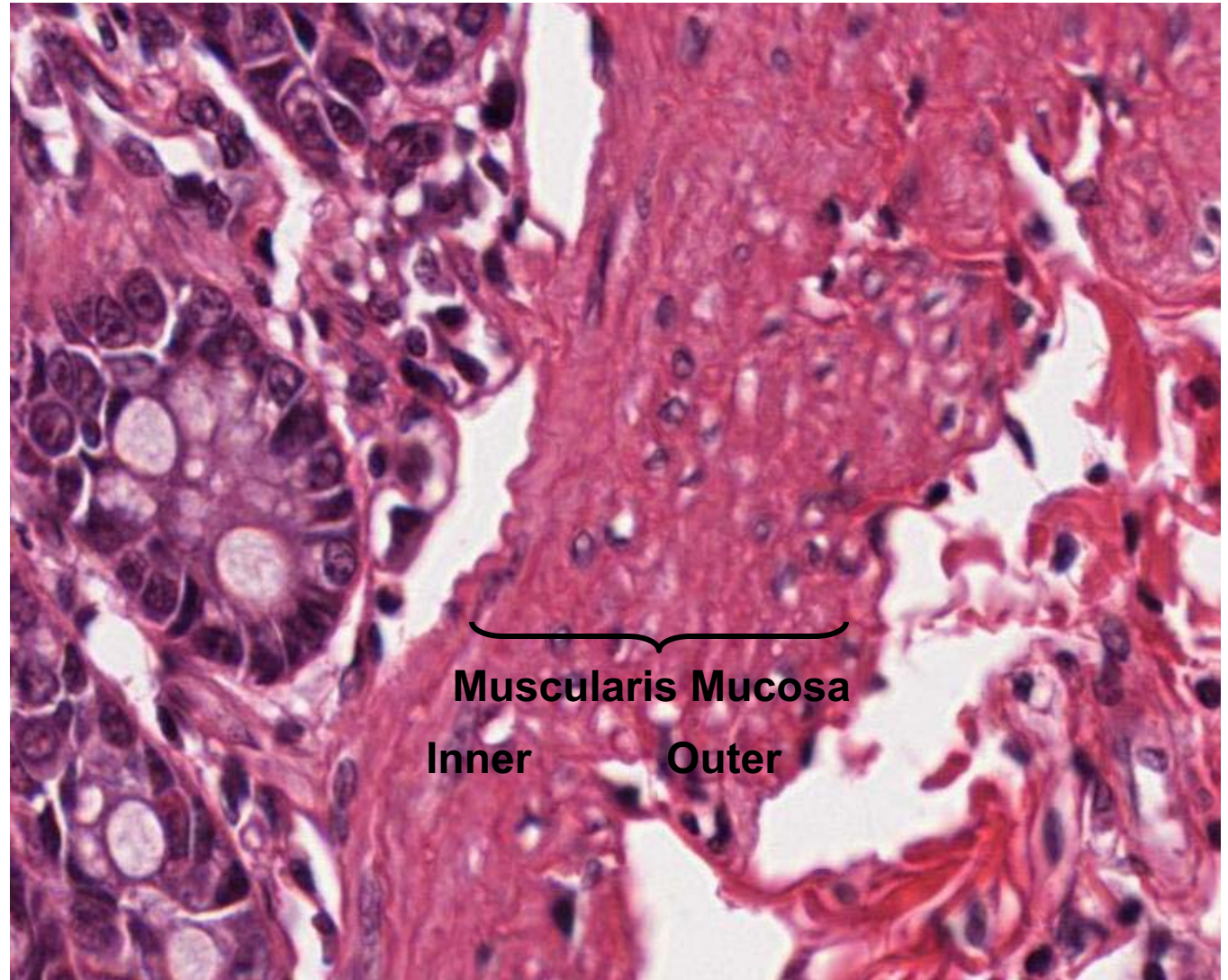
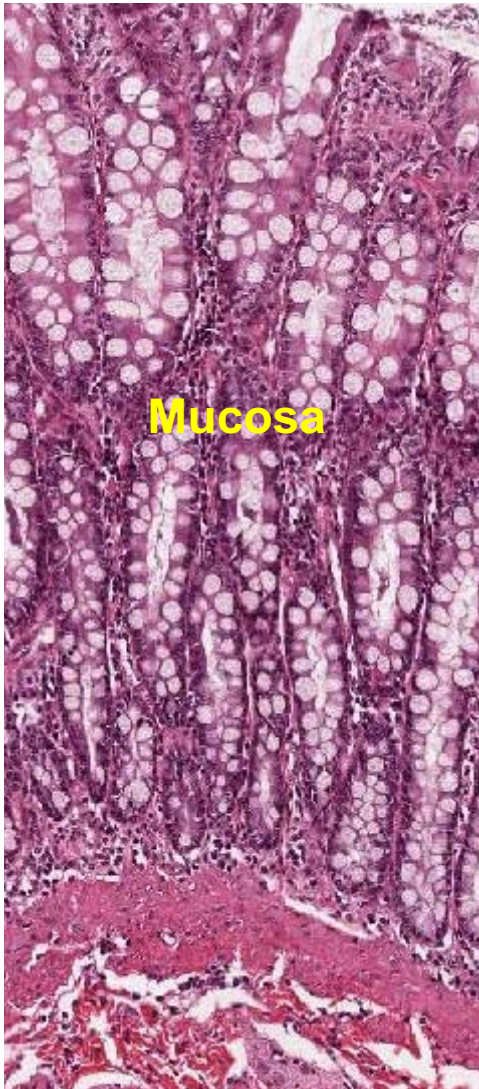
Large Intestine



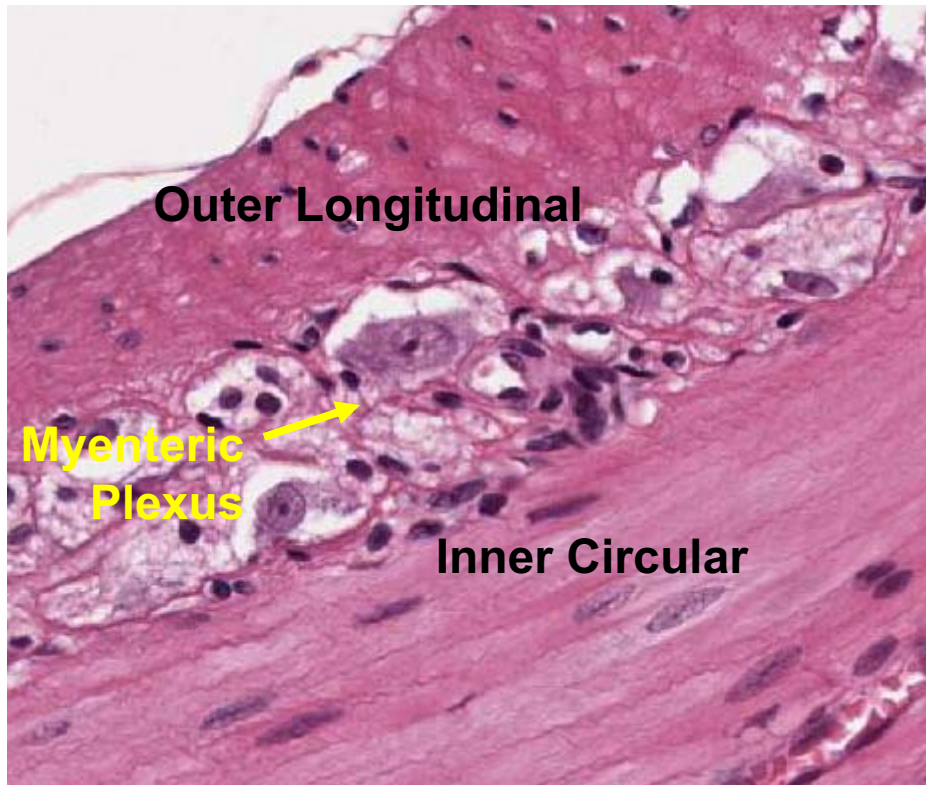
Large Intestine



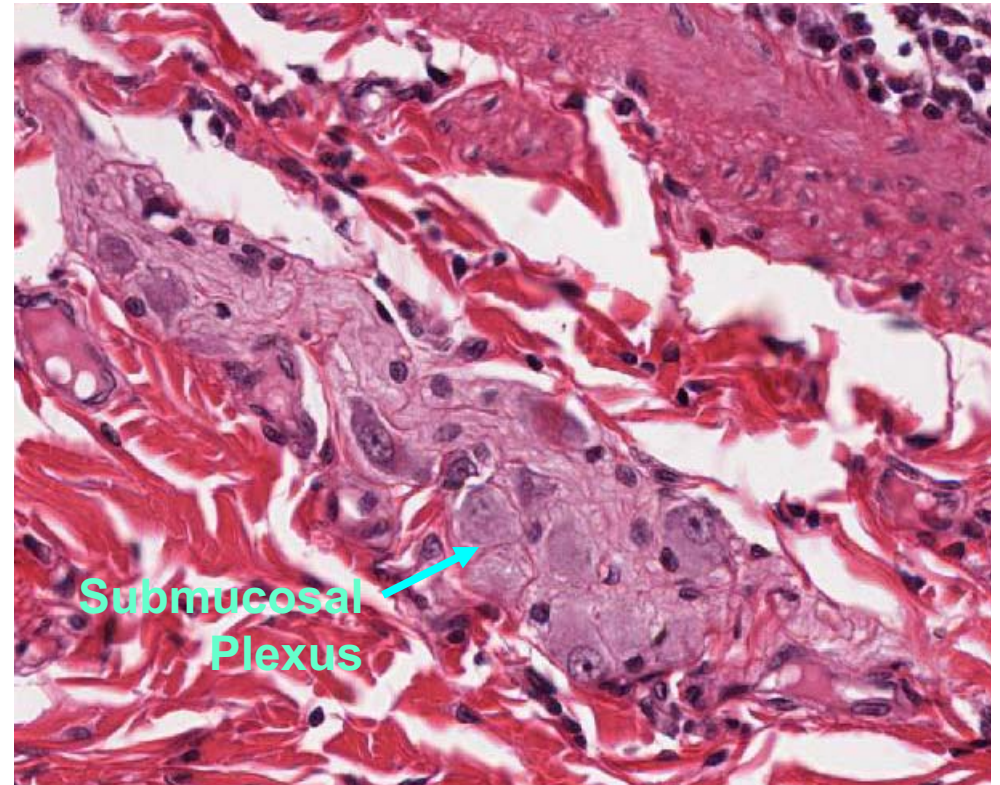
Large Intestine



Large Intestine: Autonomic Nerve Plexuses

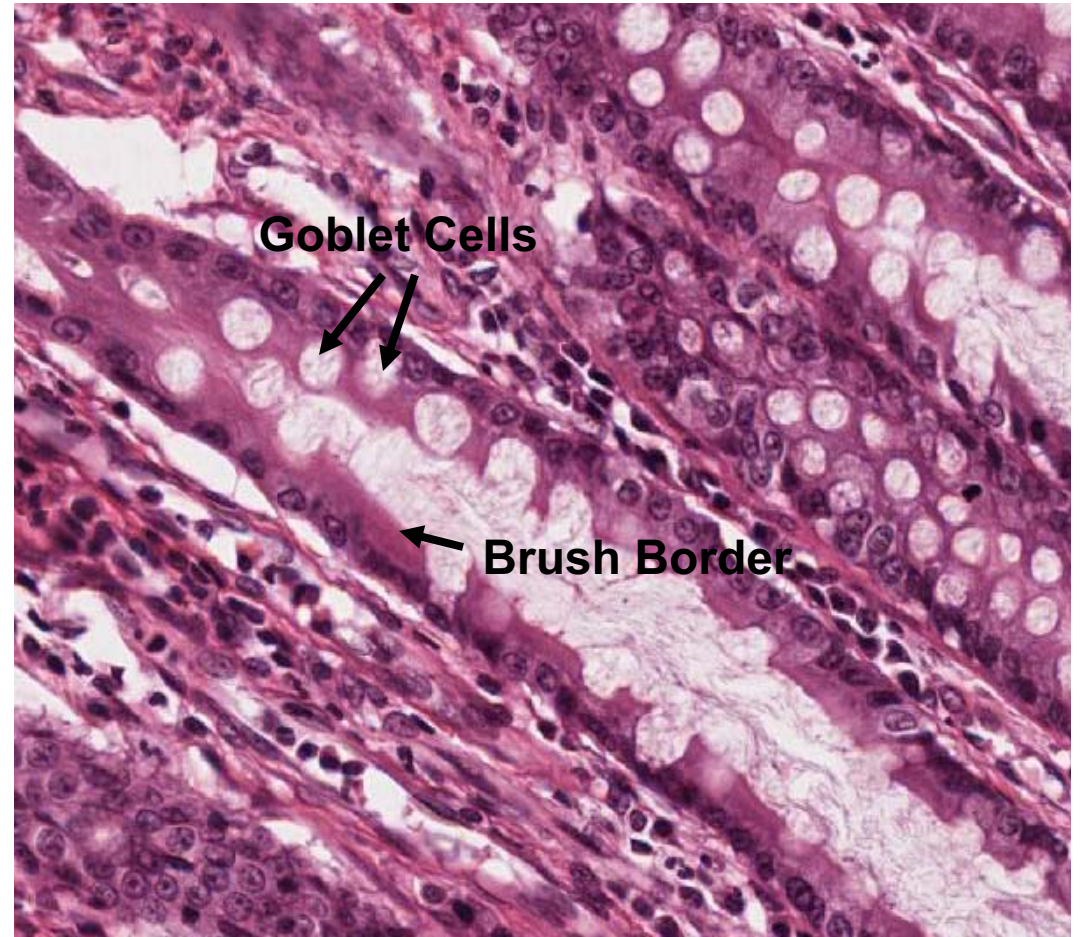
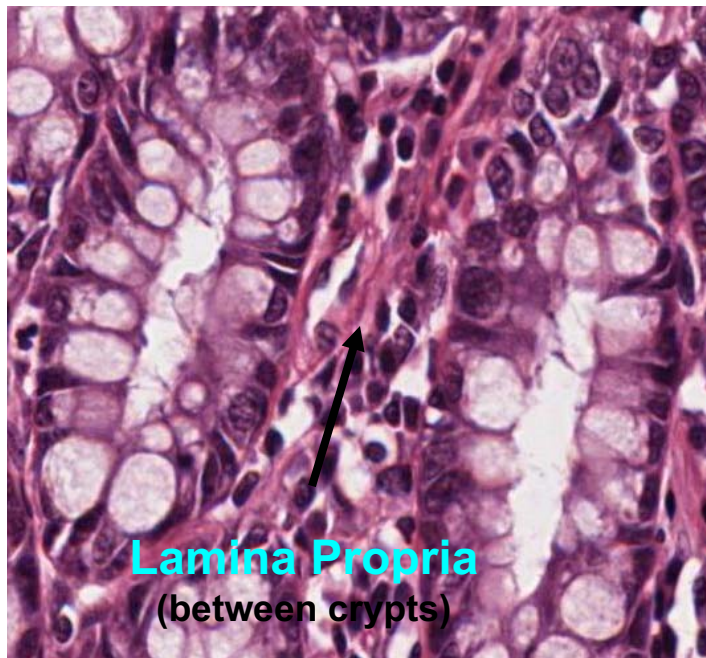
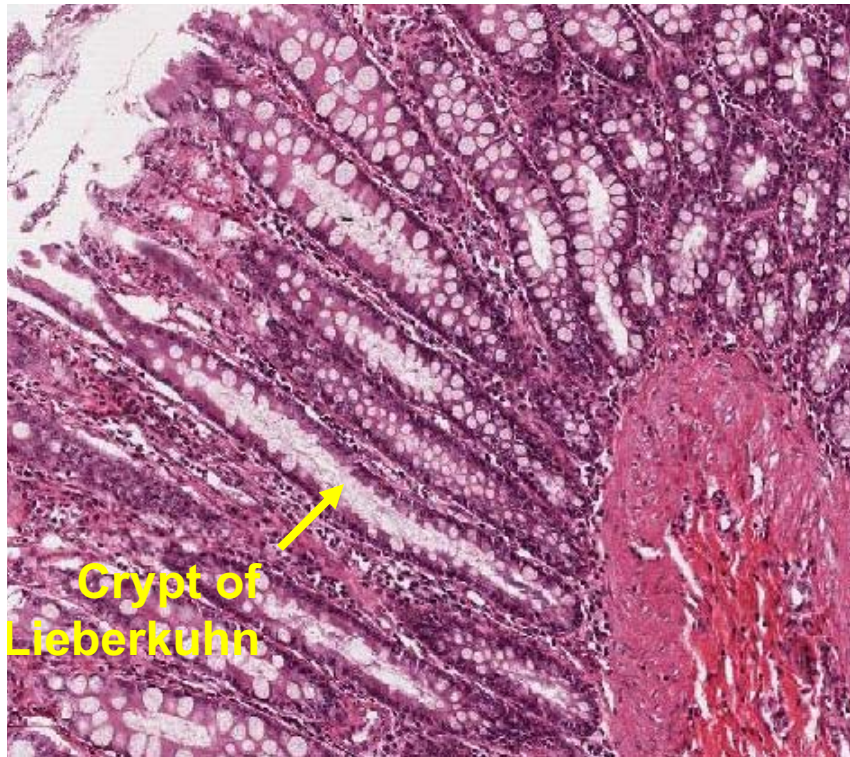


Myenteric (Auerbach's) Plexus



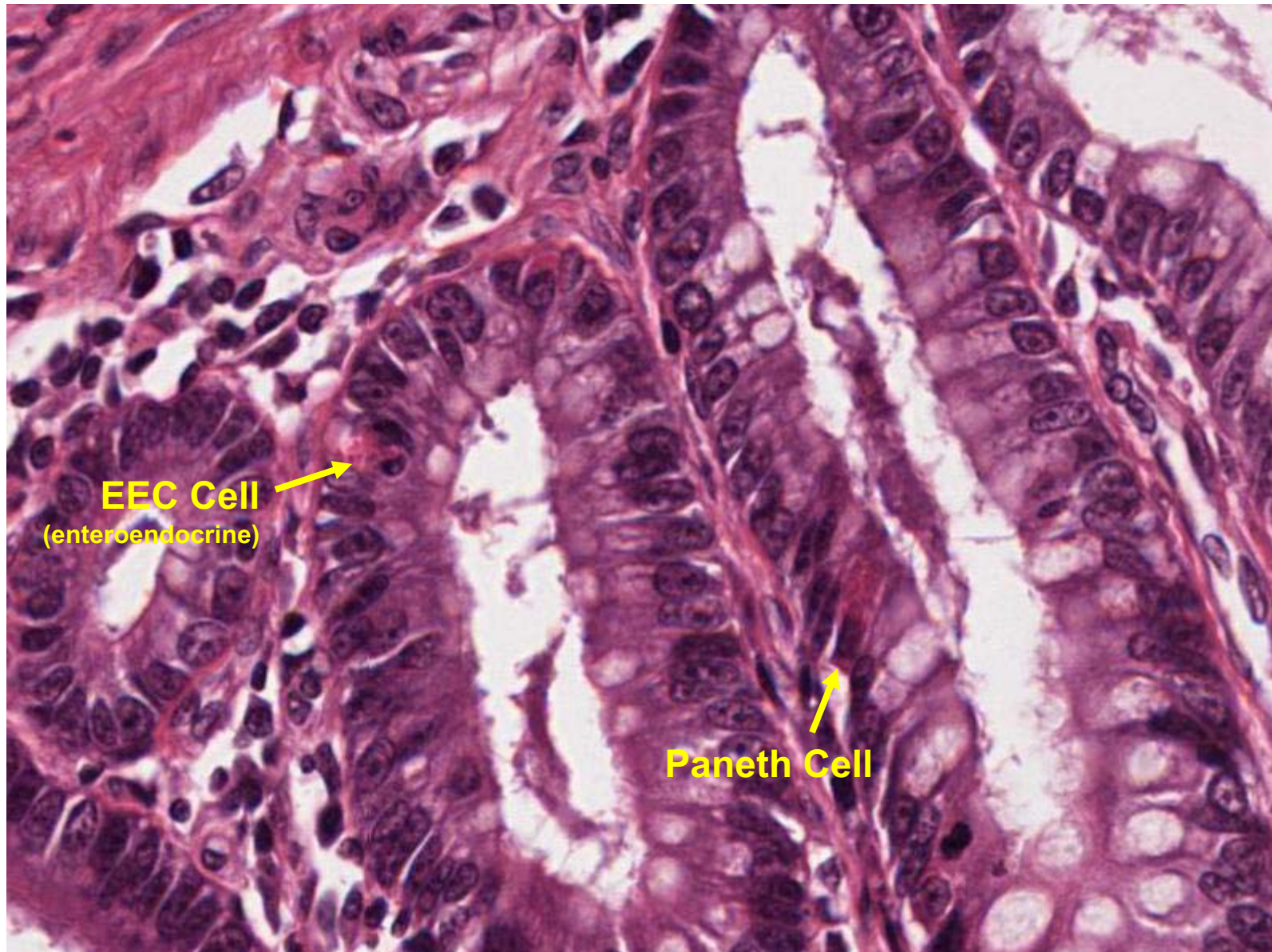
Submucosal (Meissner's) Plexus

Large Intestine: Crypt of Lieberkuhn



Simple Columnar Epithelium

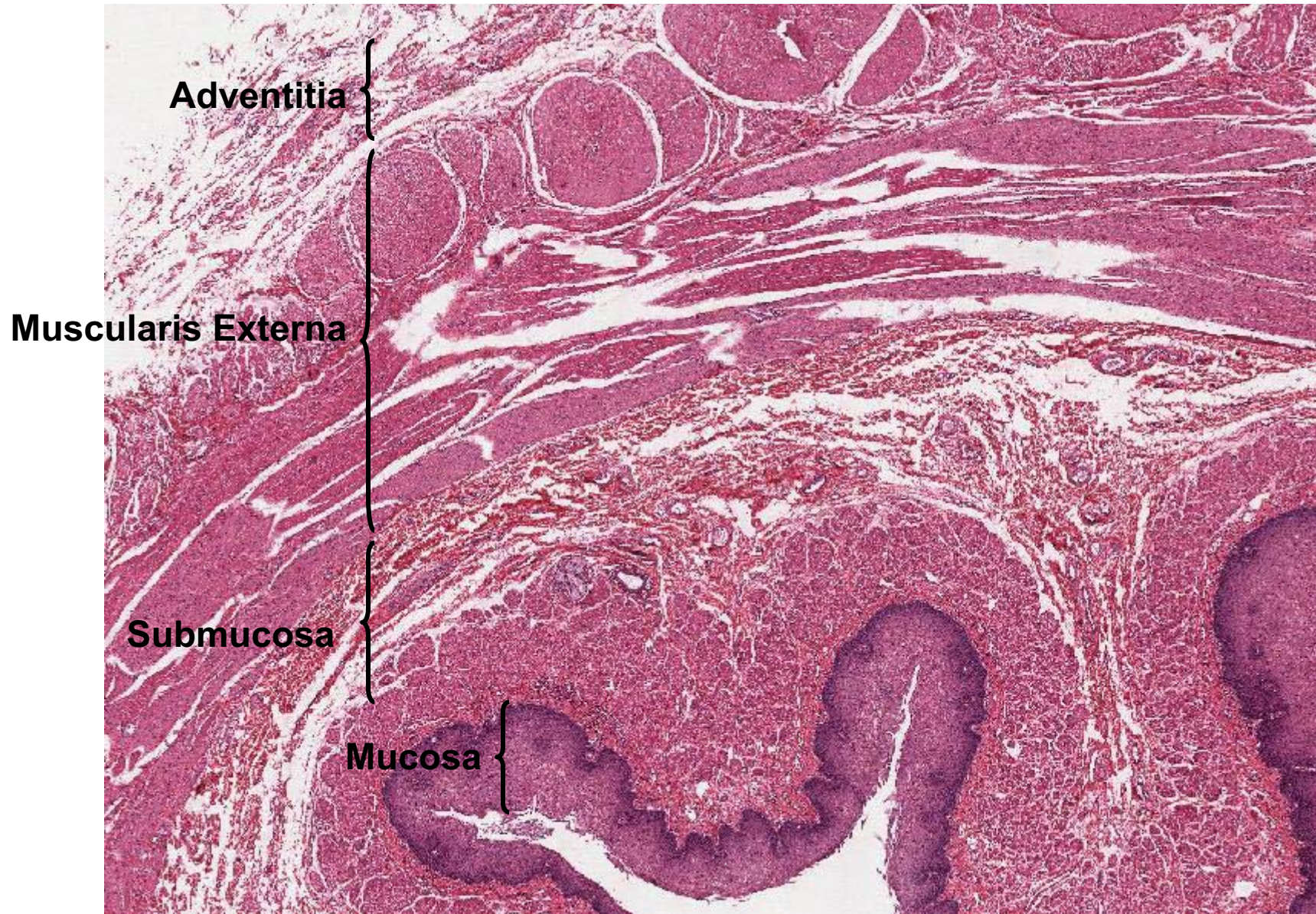
Large Intestine: EEC + Paneth Cells



Esophagus



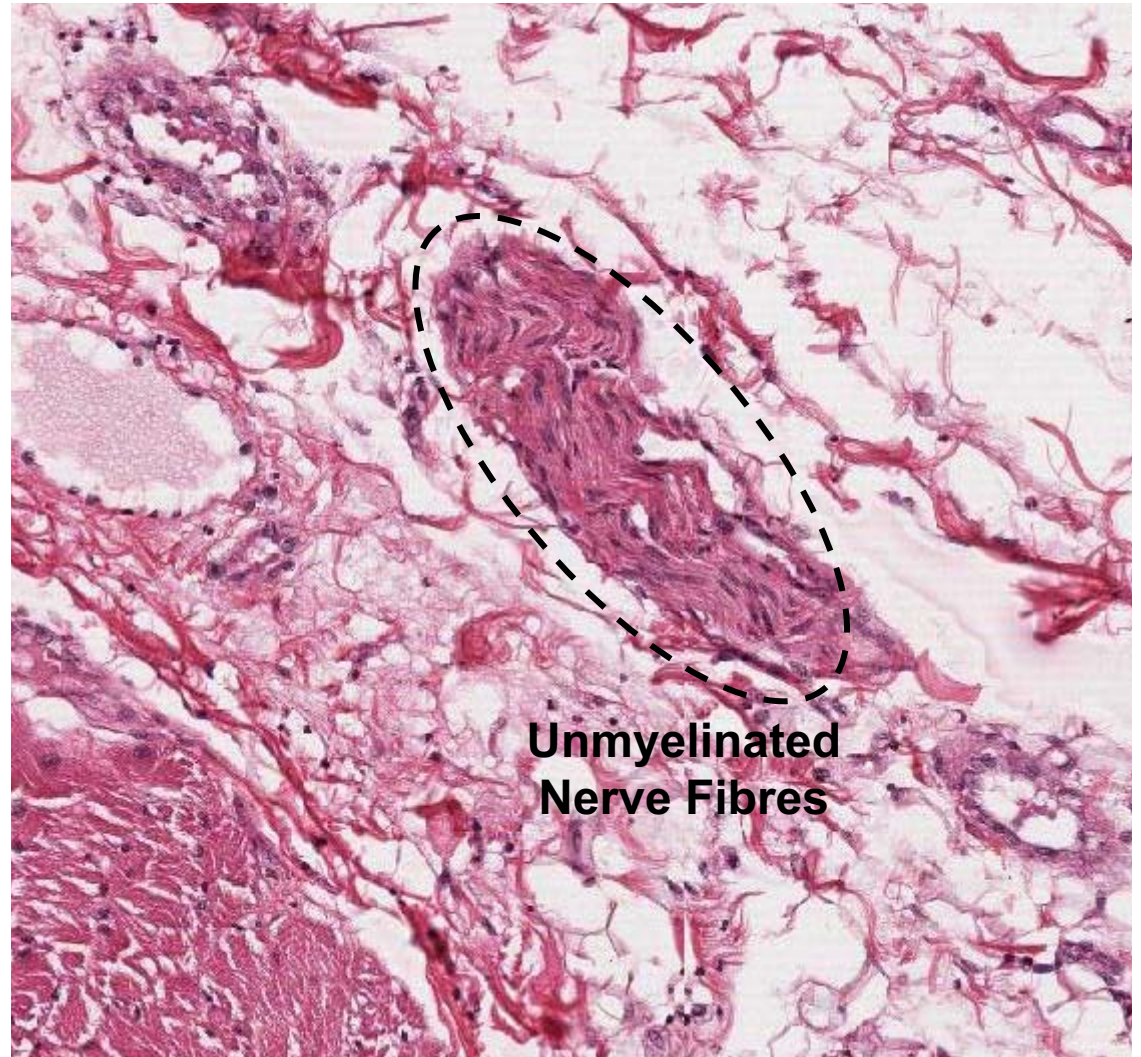
Esophagus



Esophagus – Adventitia

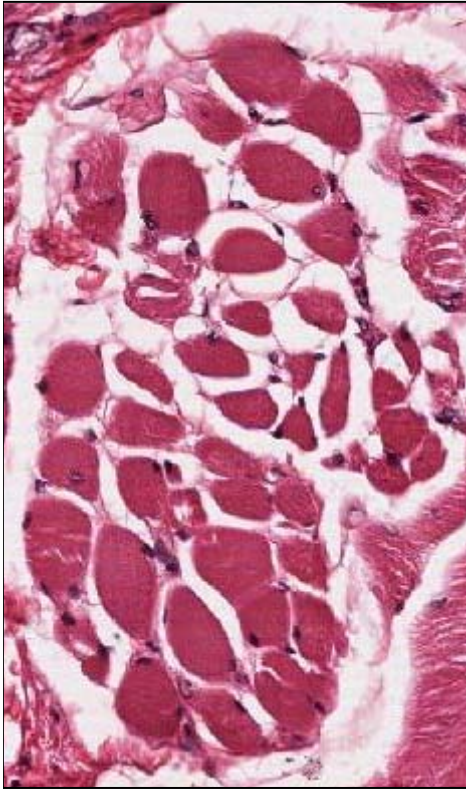


Muscularis Externa Adventitia

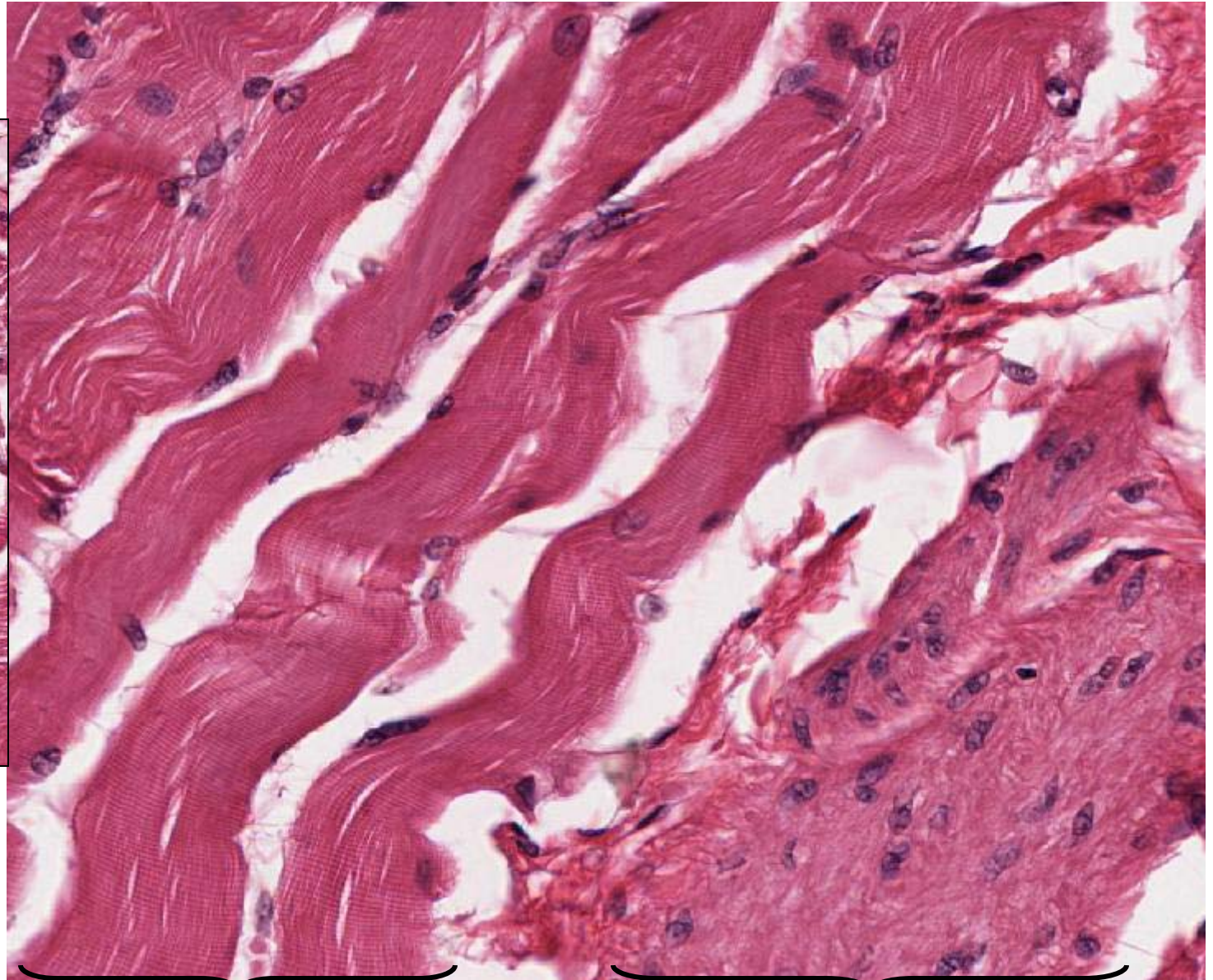


**Unmyelinated
Nerve Fibres**

Esophagus – Muscularis Externa



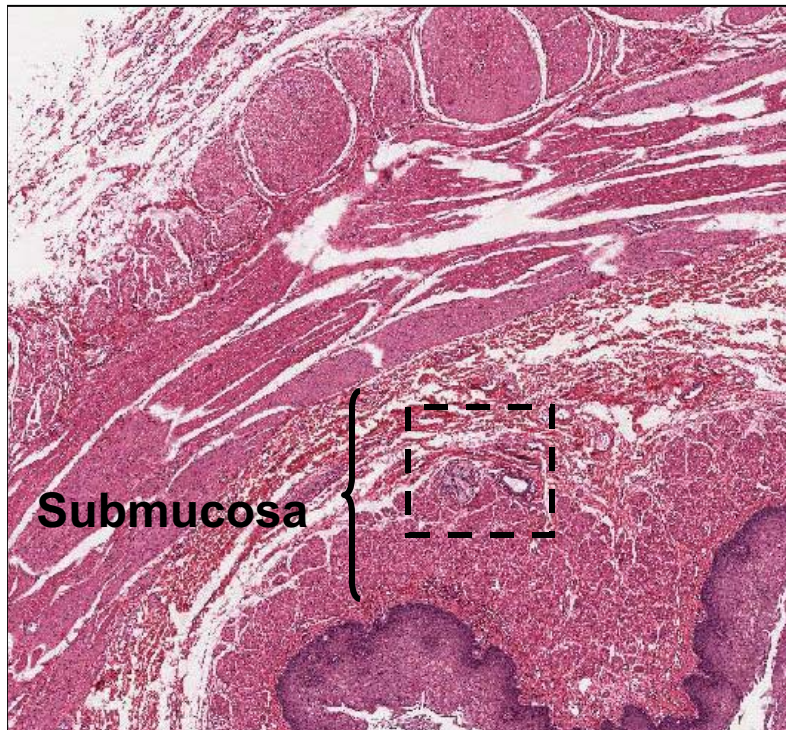
**Skeletal Muscle
Fibers**
(transverse section)



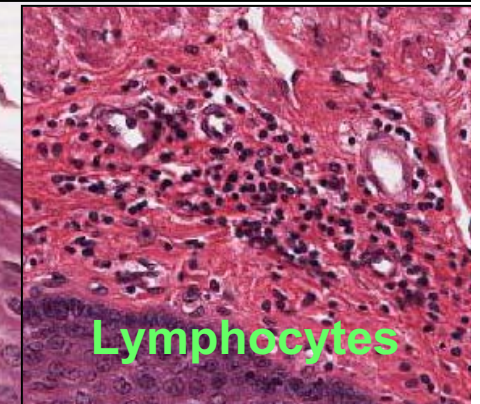
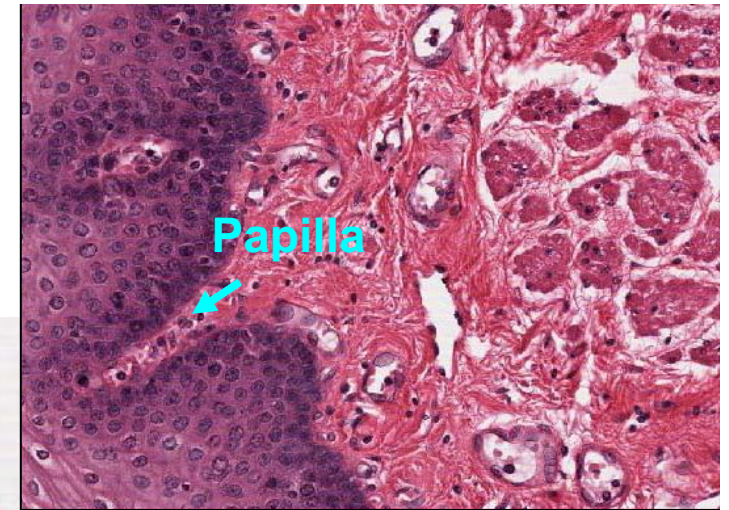
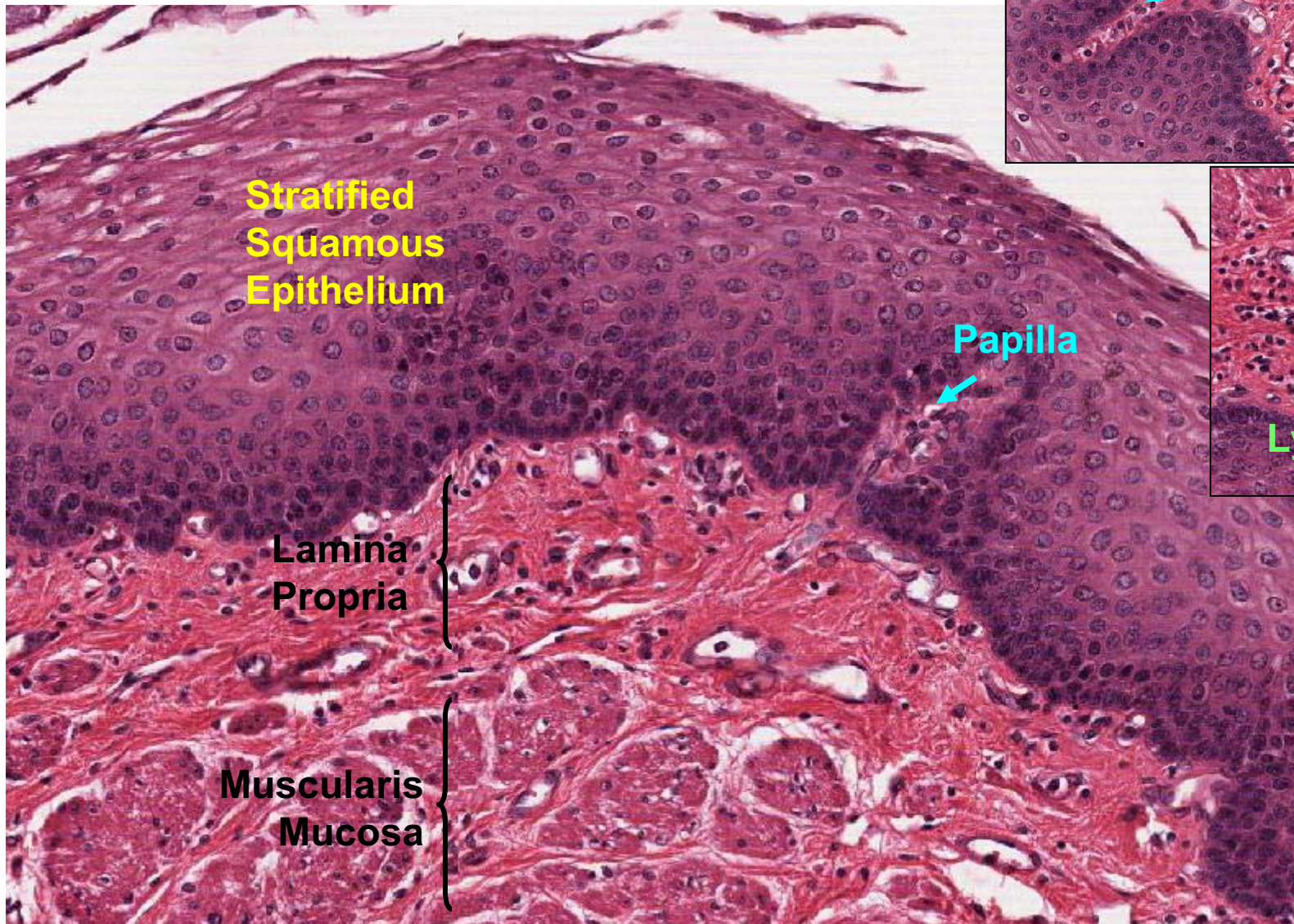
Skeletal Muscle Fibers

Smooth Muscle Fibers

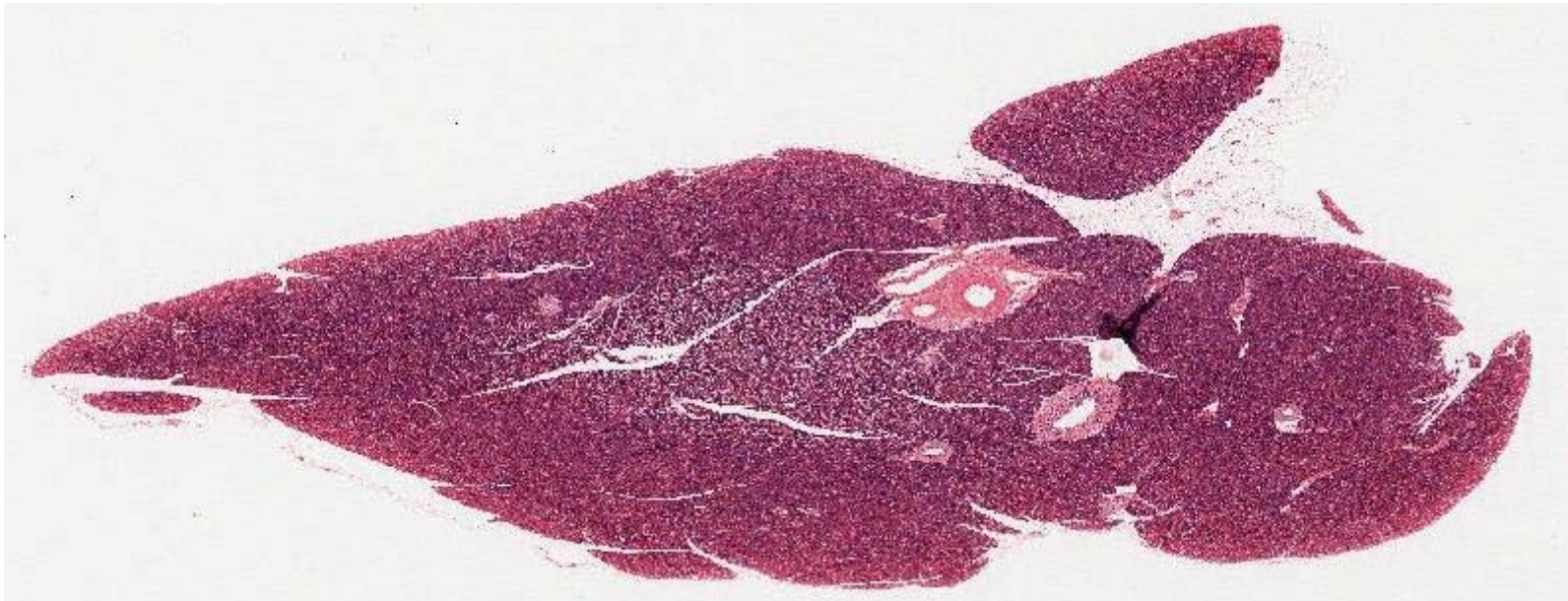
Esophagus – Submucosal Gland



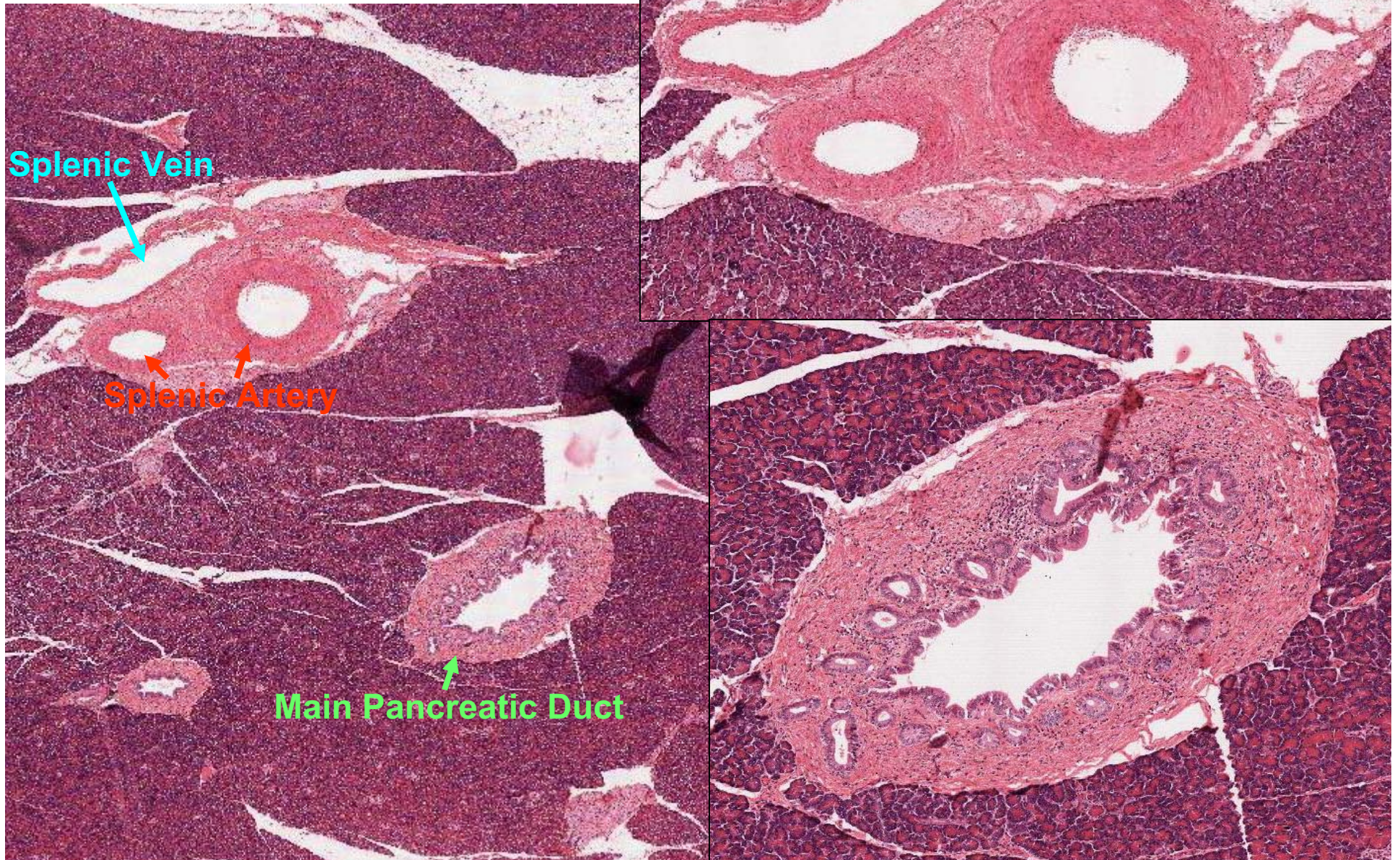
Esophagus – Mucosa



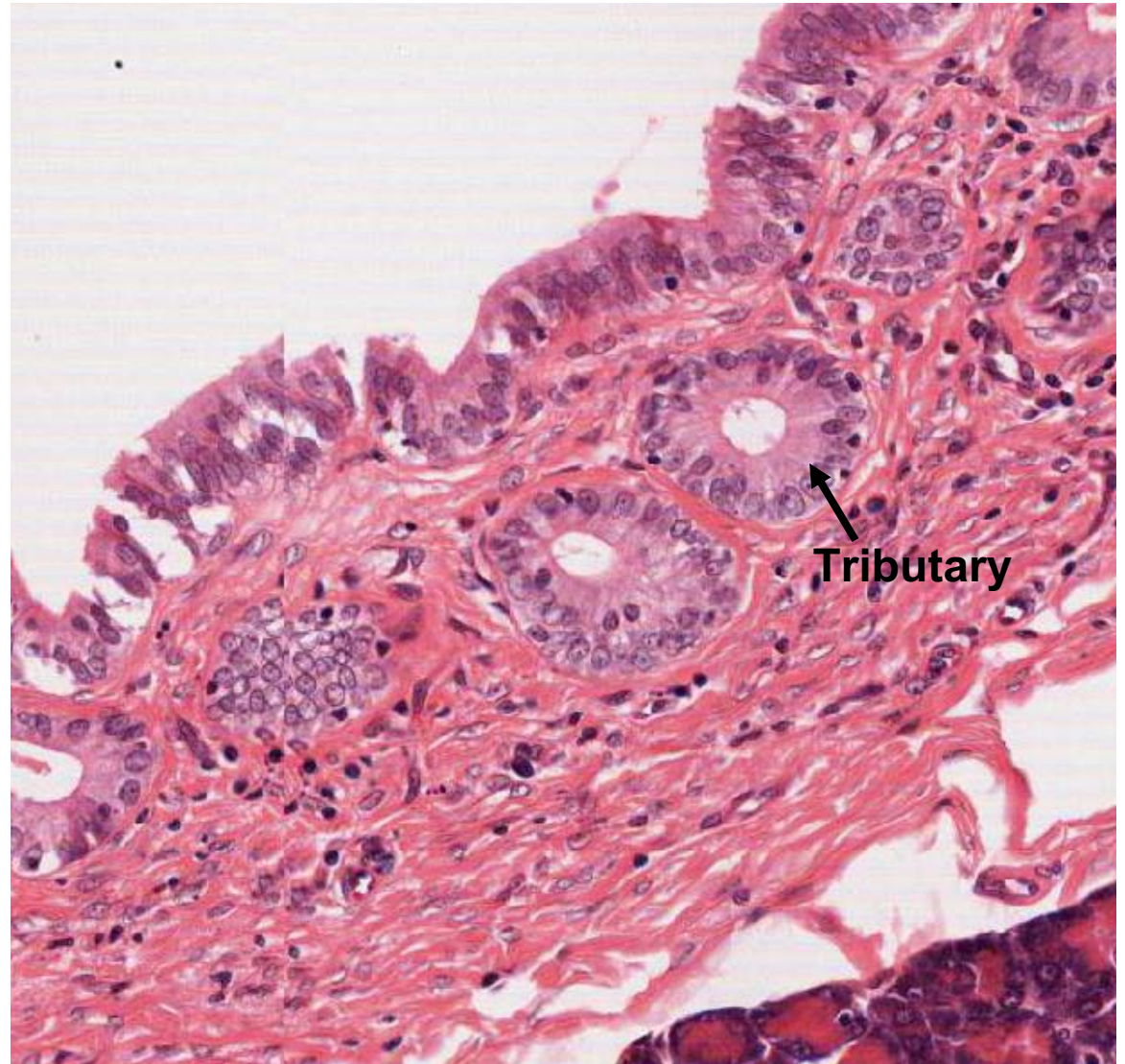
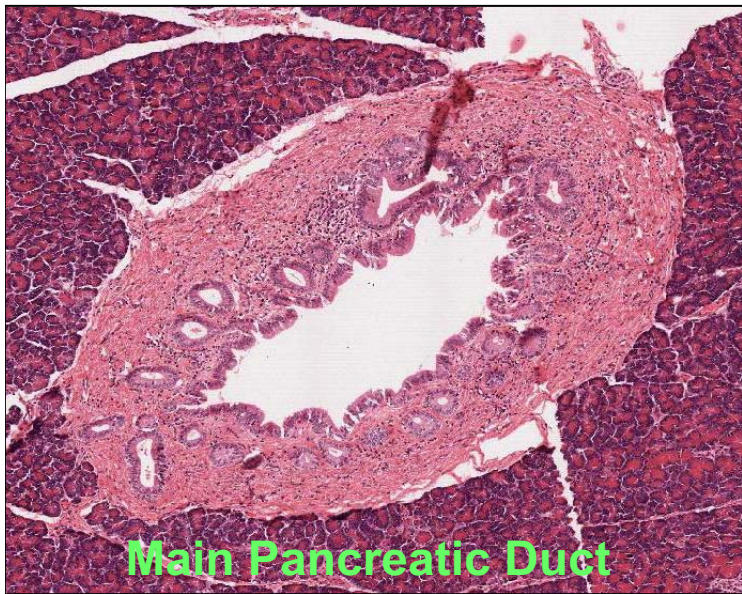
Pancreas



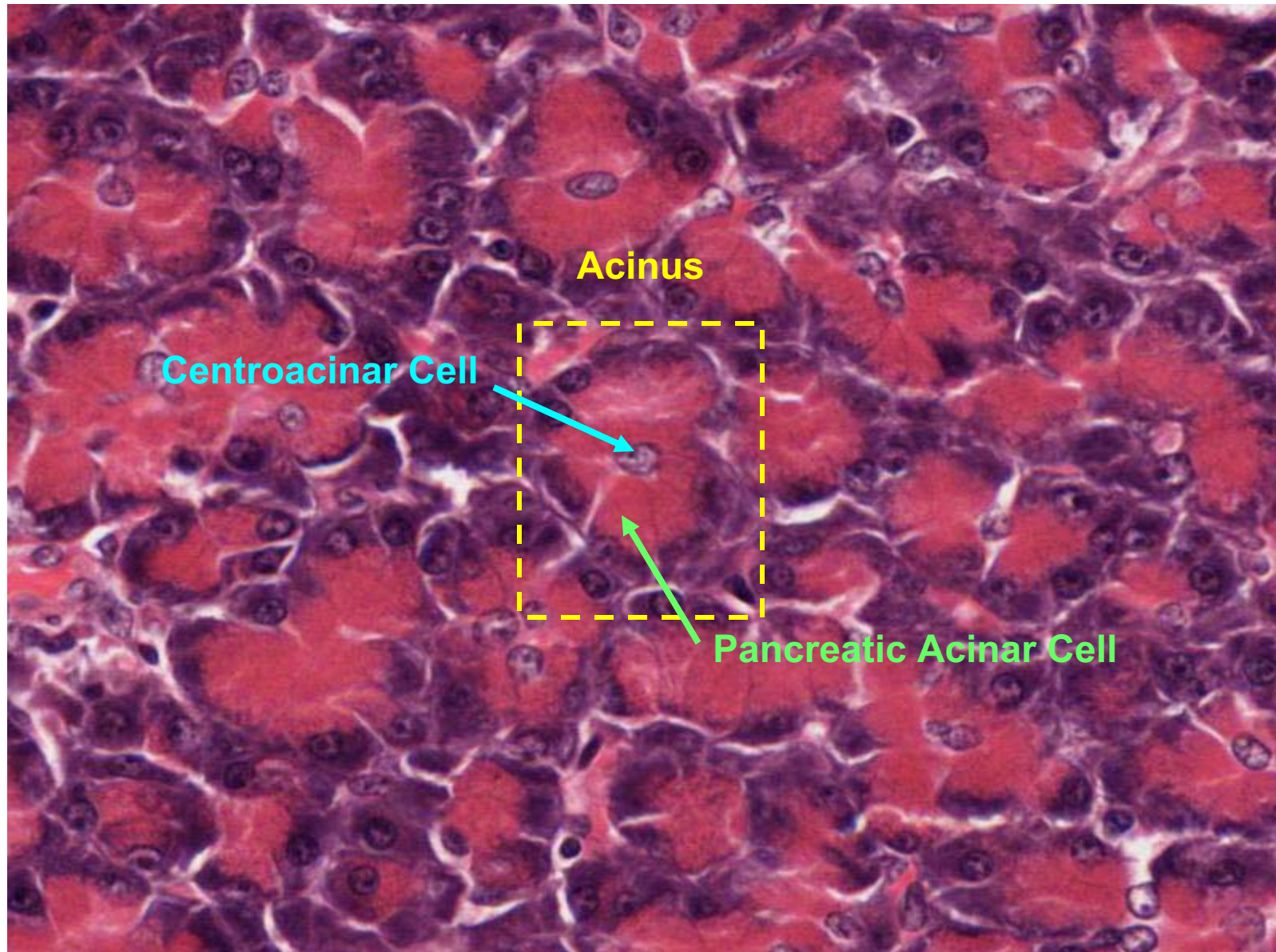
Pancreas



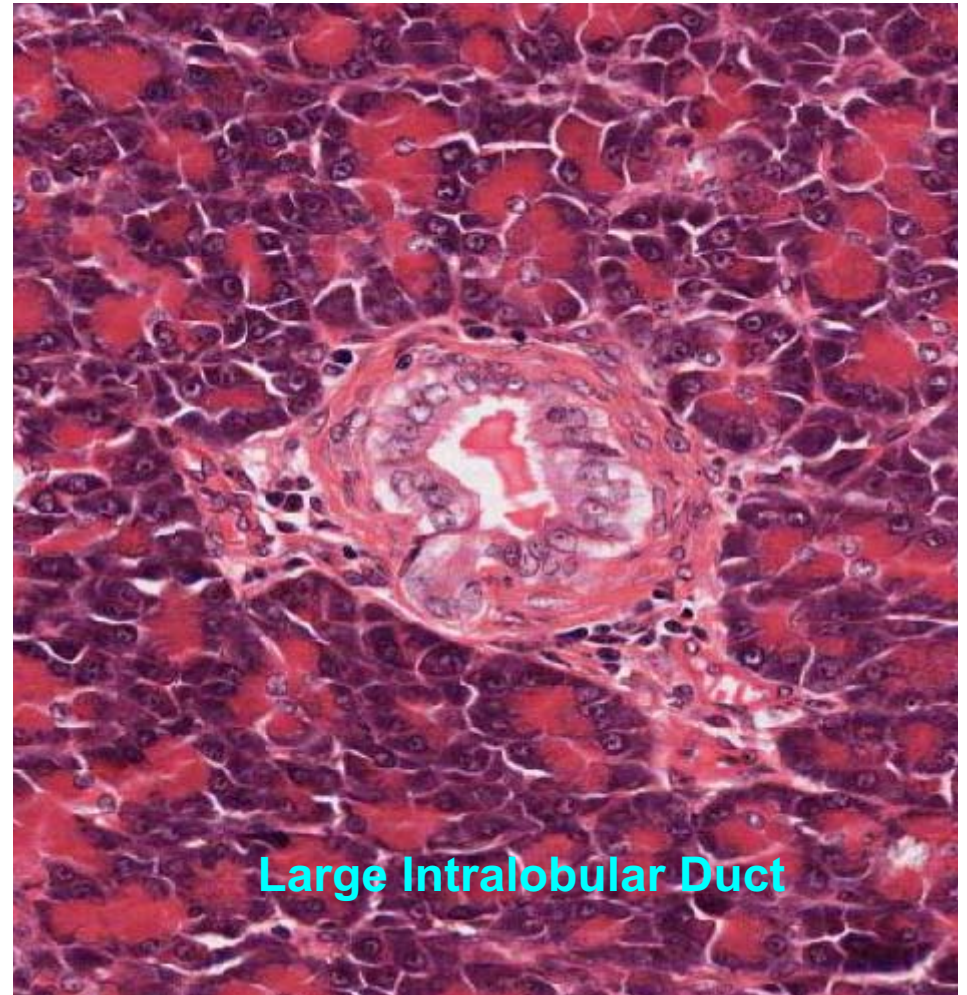
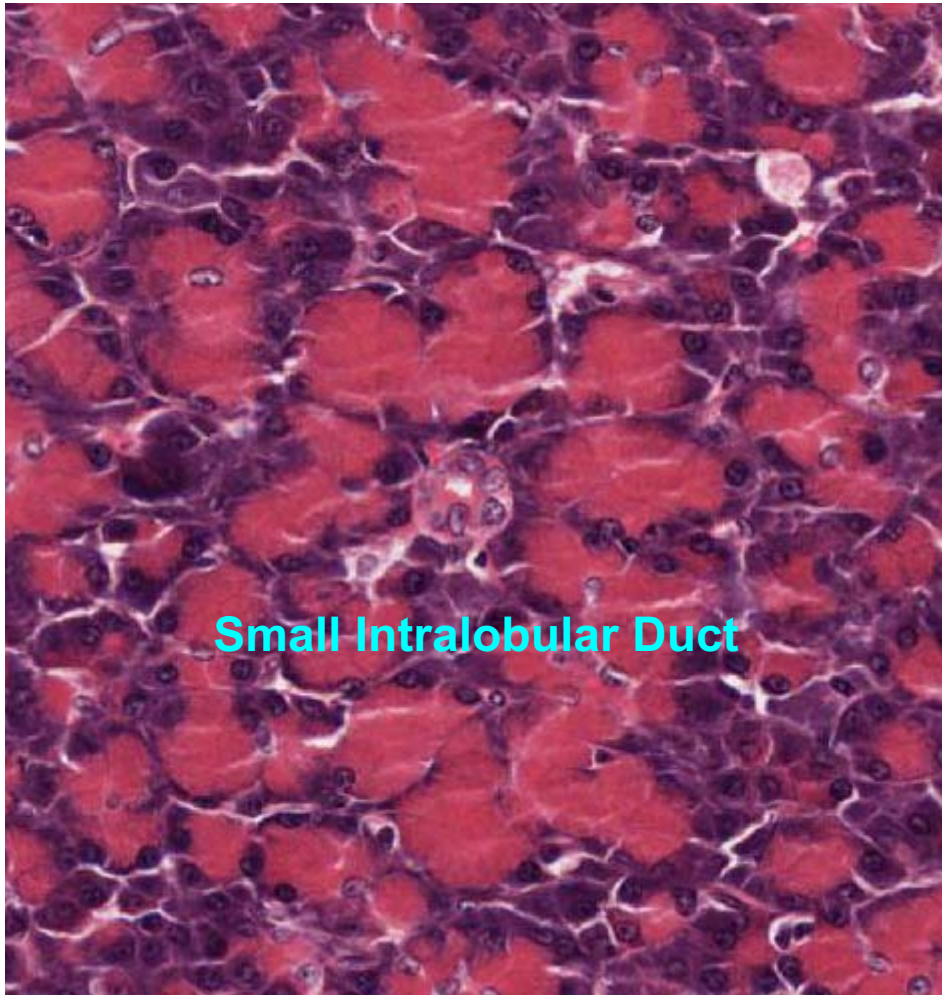
Pancreas



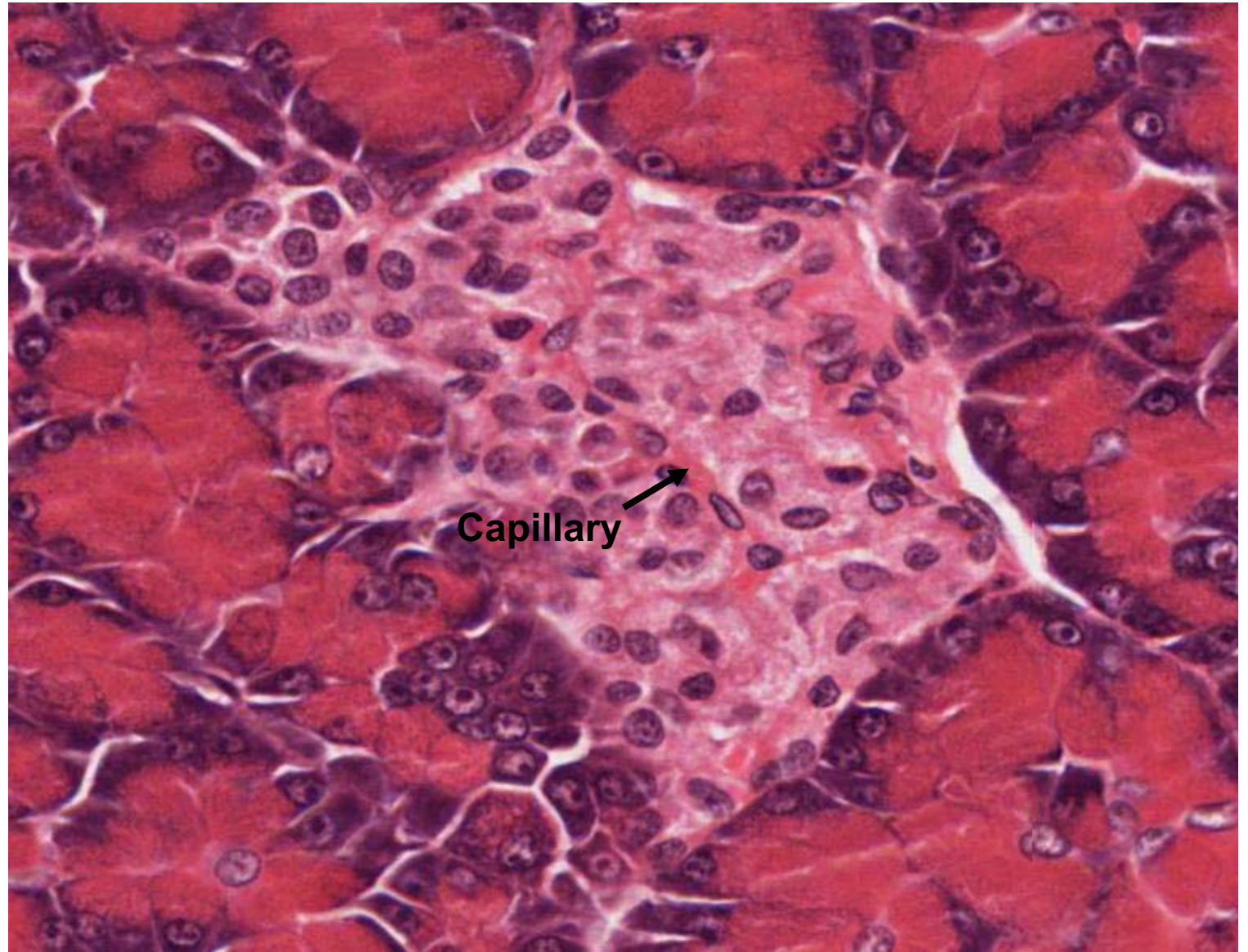
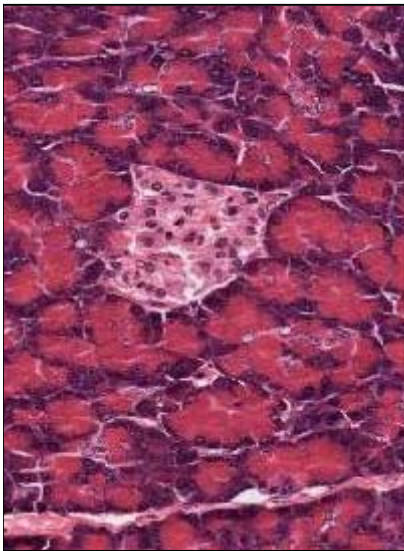
Exocrine Pancreas – Acinus



Exocrine Pancreas – Intralobular Ducts

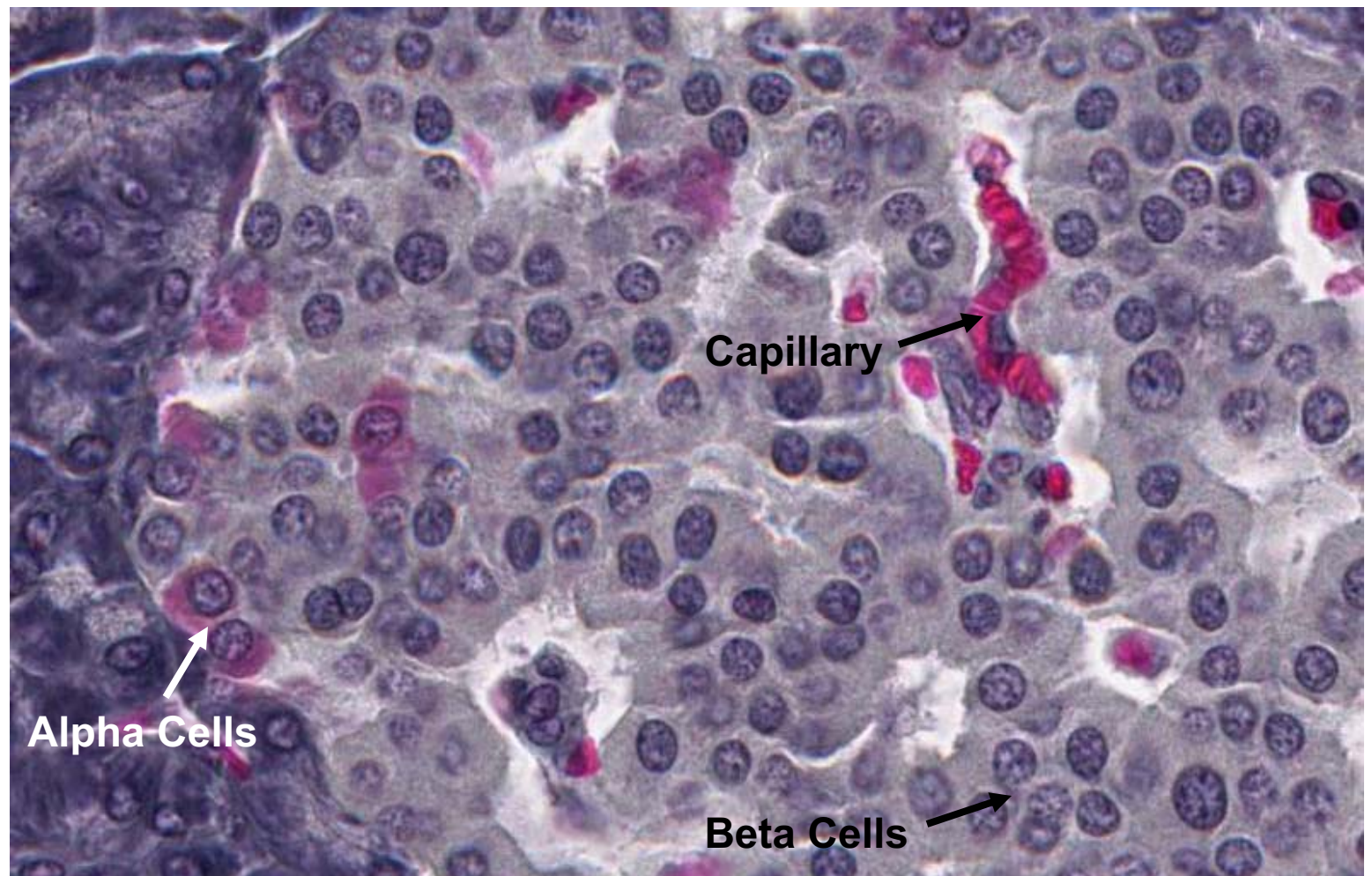
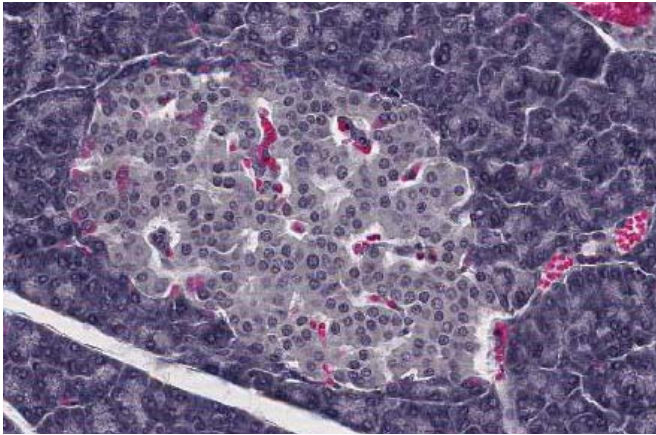


Endocrine Pancreas – Islet Cells



Endocrine Pancreas

Islet Cells: Gormori Stain



Capillary

Alpha Cells

Beta Cells

Pancreas – Autonomic Ganglion vs. Islet

