

GIT practical slides

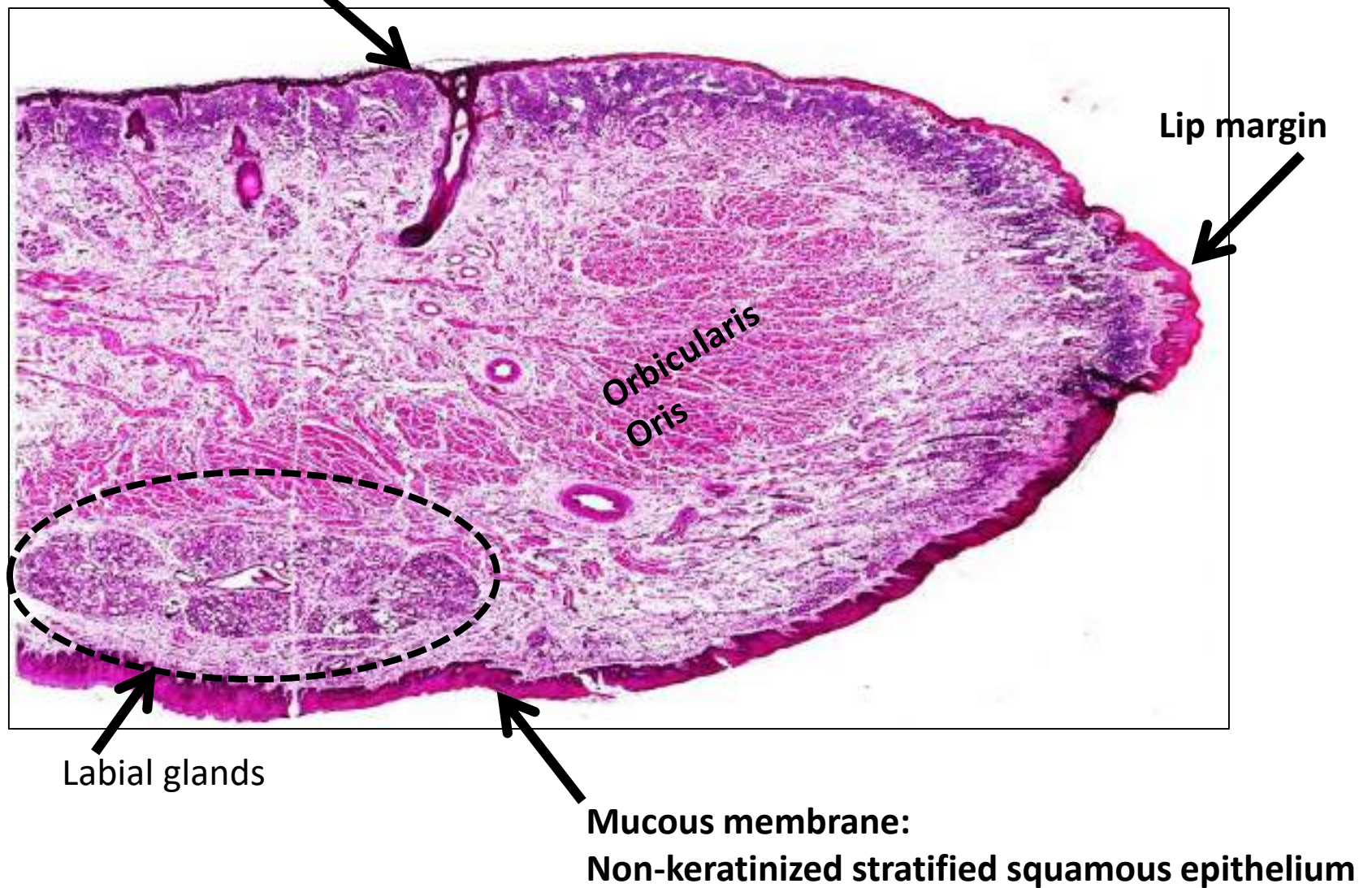
2nd year 2025

- **The assigned slides:**

- 1. Lip**
- 2. Tongue x 2**
- 3. Parotid gland**
- 4. submandibular**
- 5. Esophagus (dog)**
- 6. Stomach (fundus)**
- 7. Gastro-esophageal junction**
- 8. Pyloro-duodenal junction**
- 9. Recto-anal junction**
- 10. Duodenum**
- 11. Ileum**
- 12. appendix**
- 13. Colon (large intestine)**
- 14. Liver**
- 15. Pancreas**

Lip

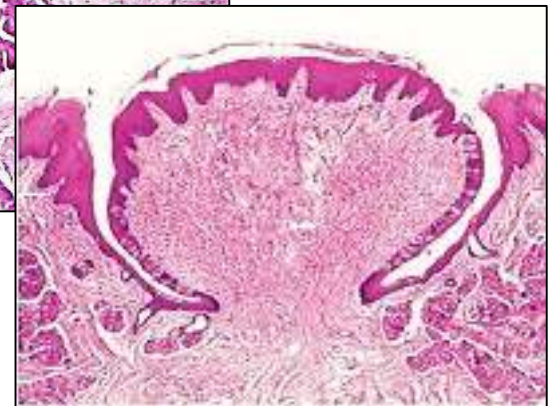
Skin : keratinized stratified squamous epithelium



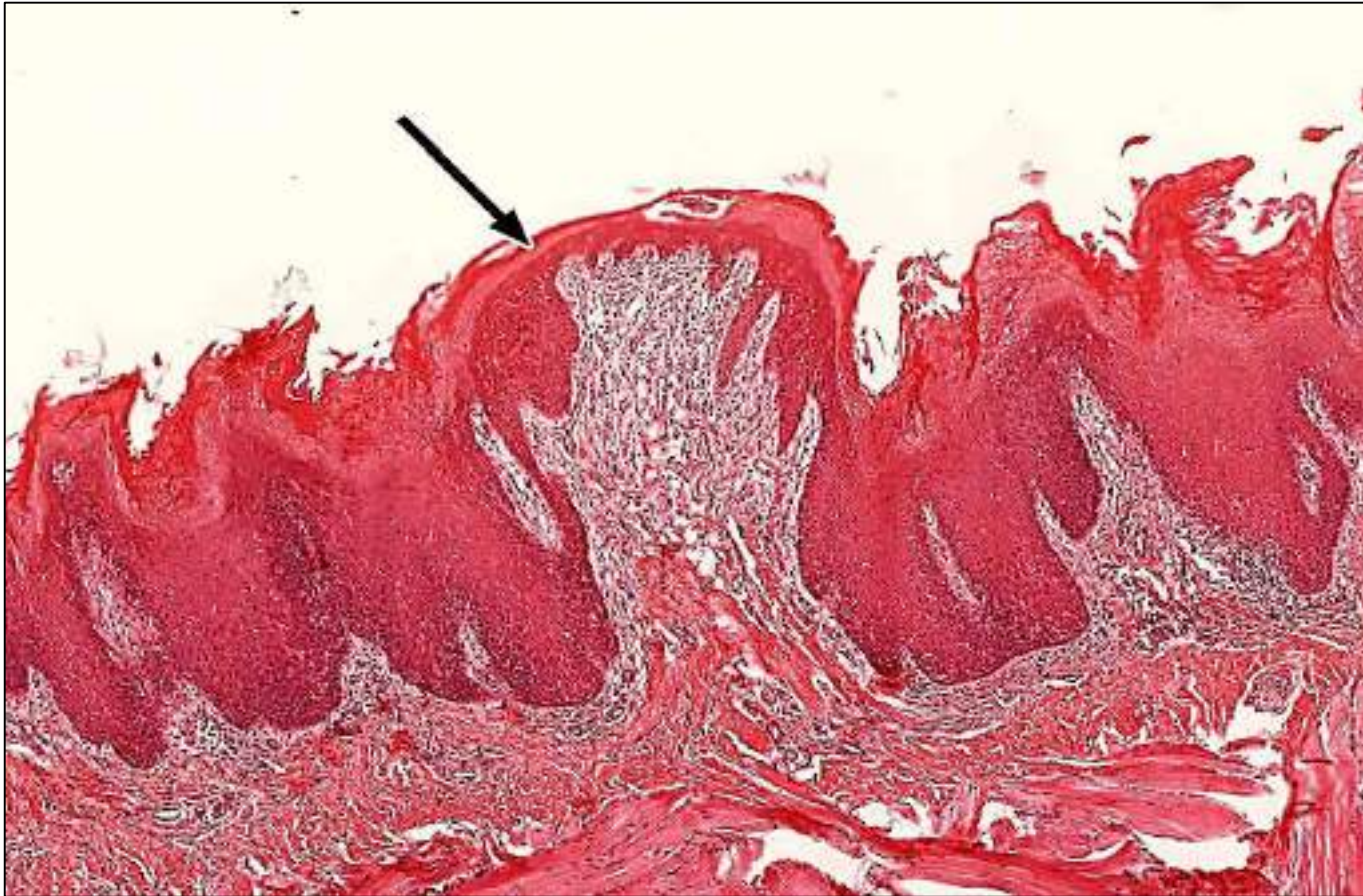
Tongue



Circumvallate papillae



Fungiform papillae



Foliate papillae

Taste buds

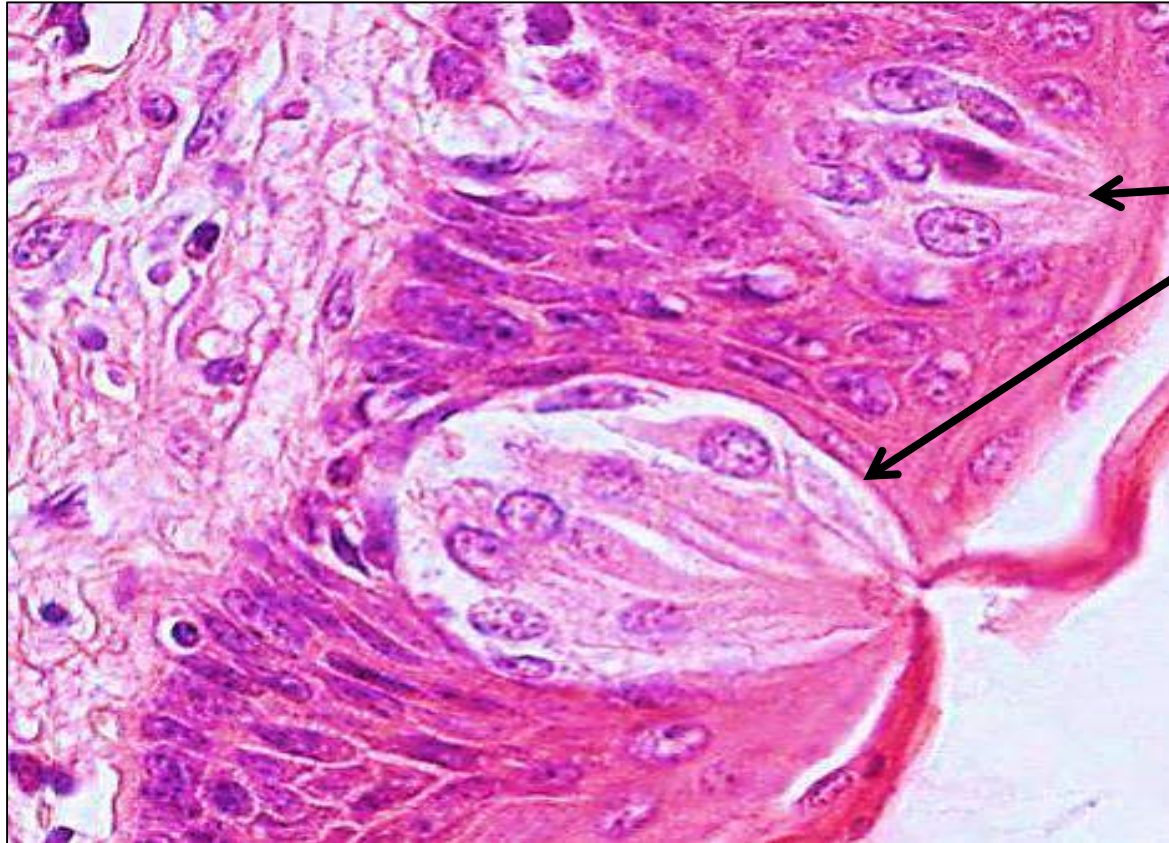


Filiform papillae

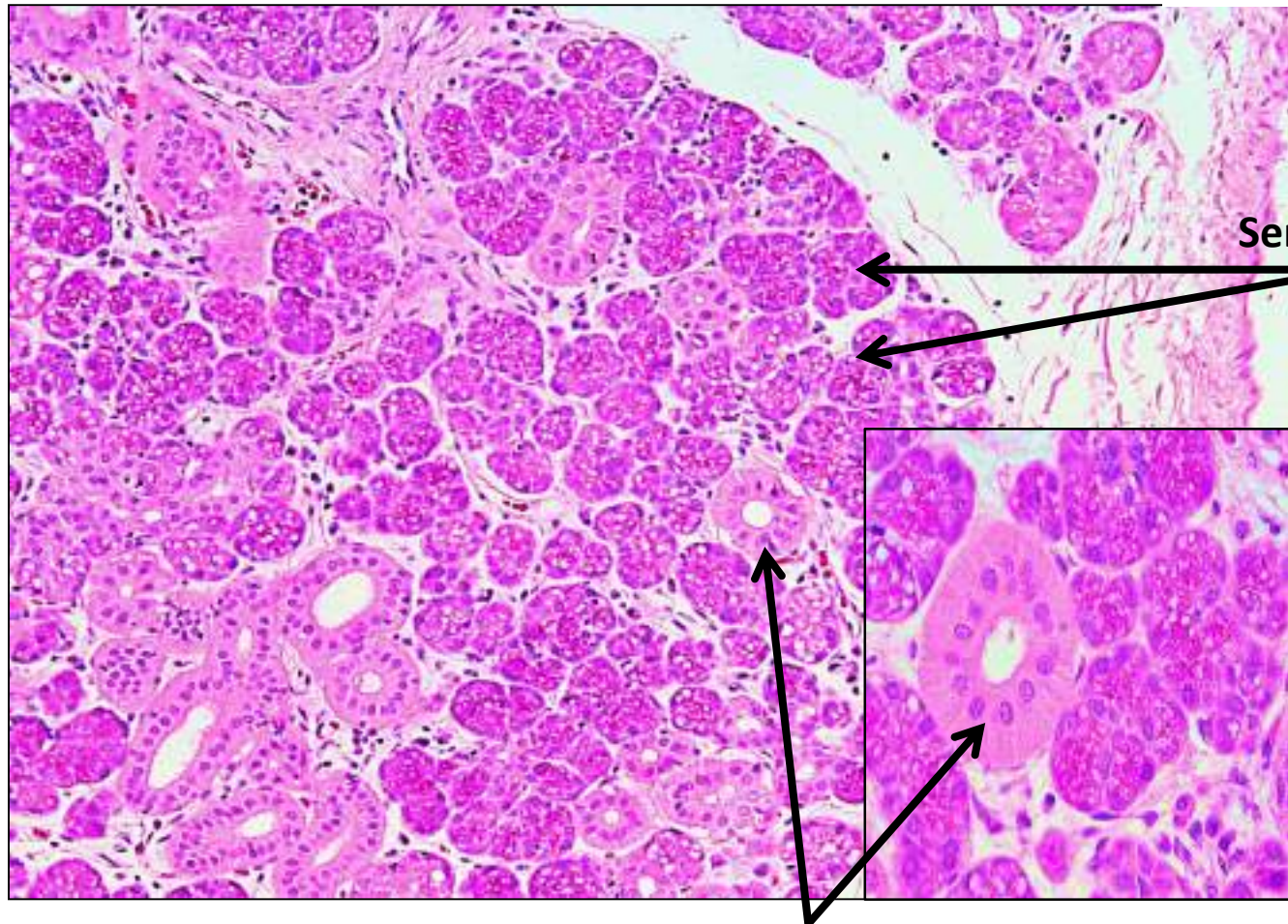
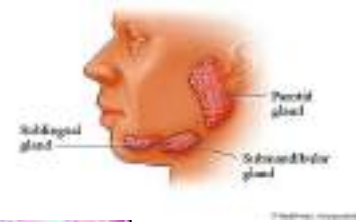
Epithelium : keratinized stratified squamous epithelium, No taste buds



Taste buds



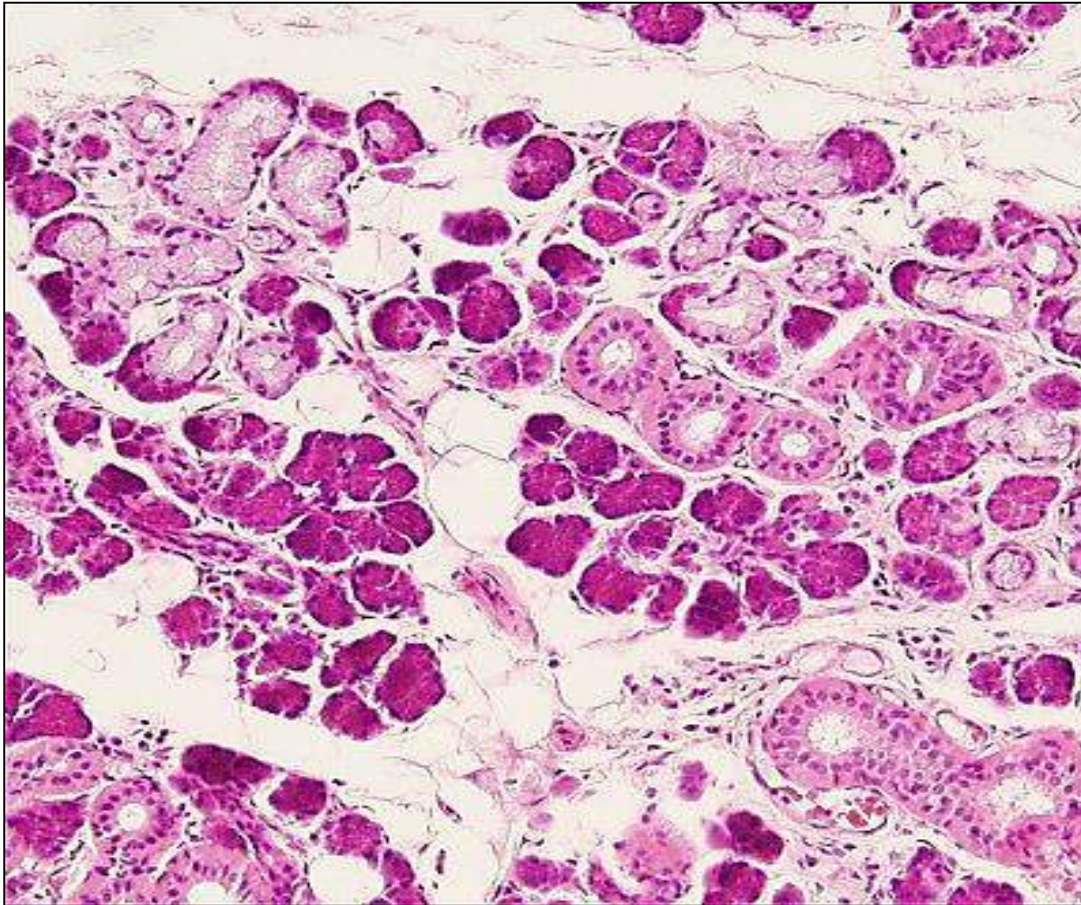
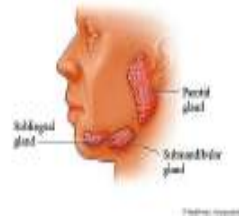
Parotid salivary gland



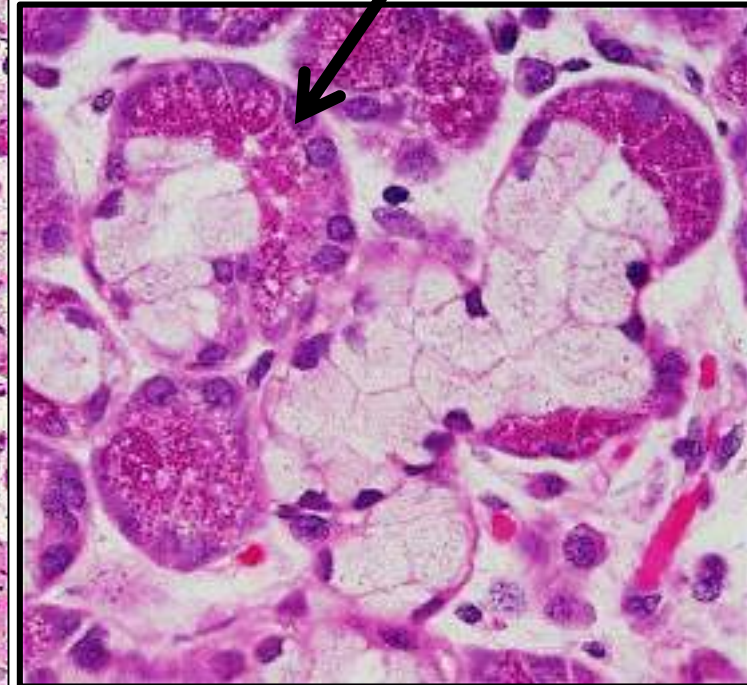
Striated ducts

Submandibular salivary gland

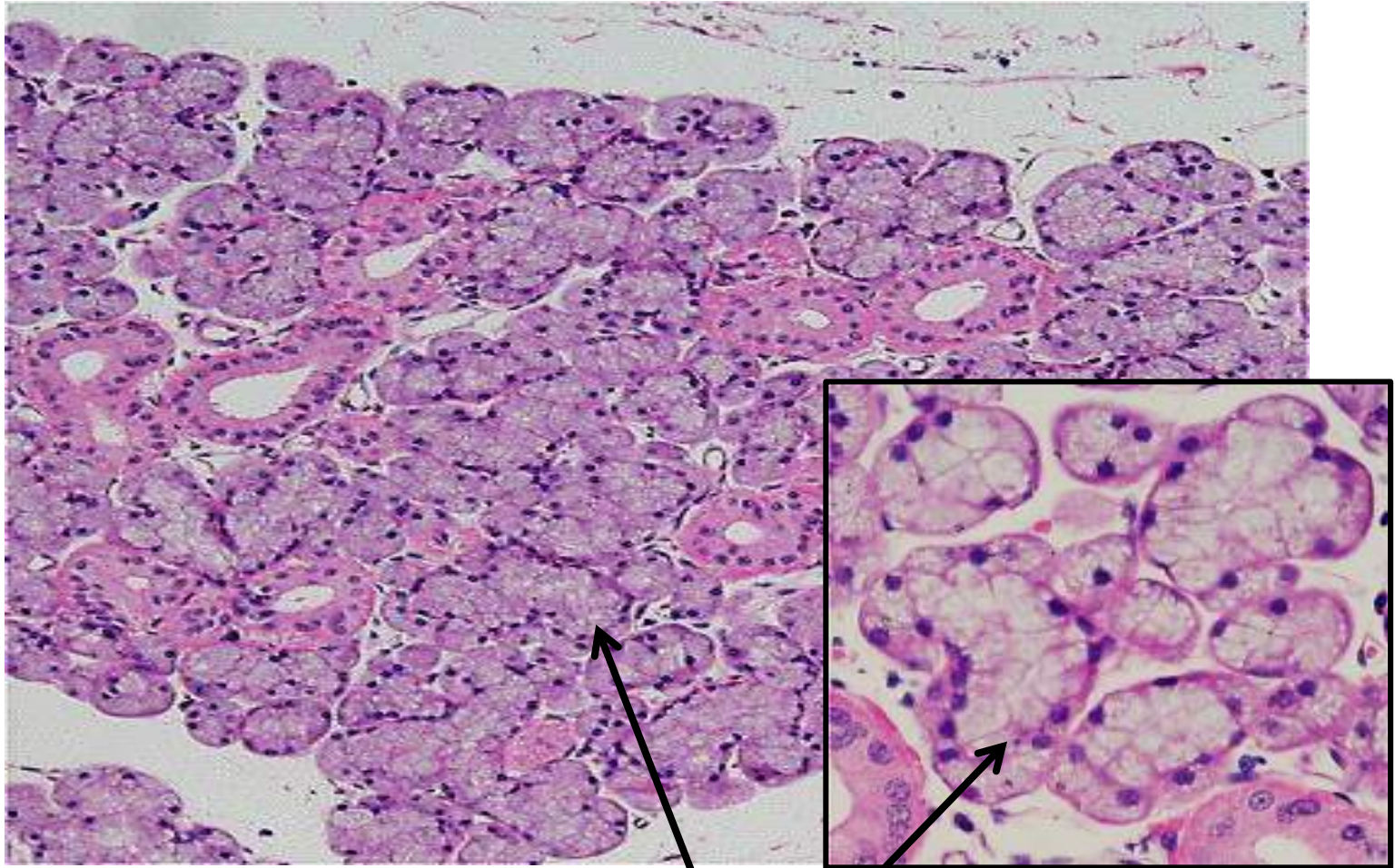
Mixed muco-serous acini



Serous demilune (Crescent of Gianuzzi)

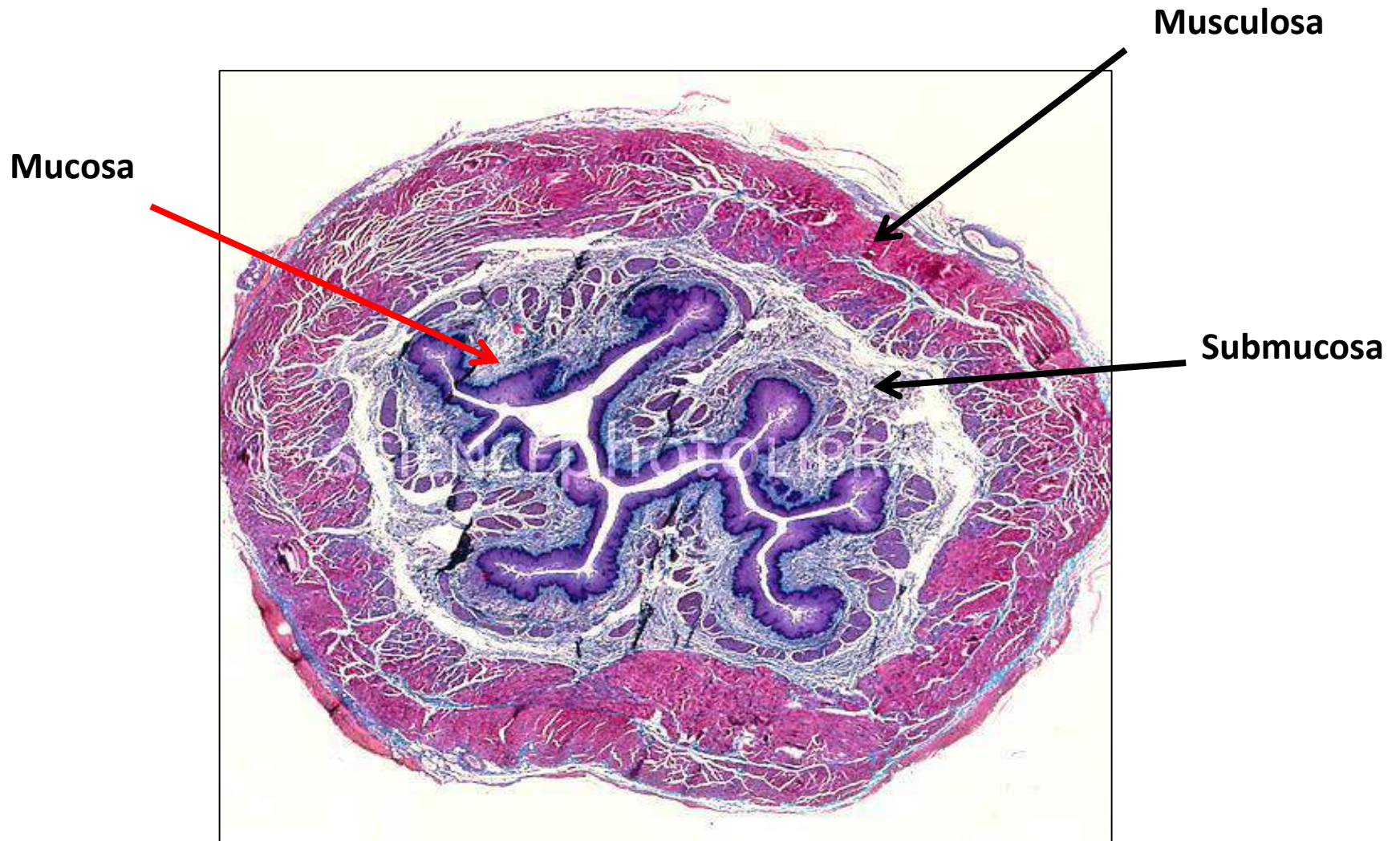


Sublingual salivary gland

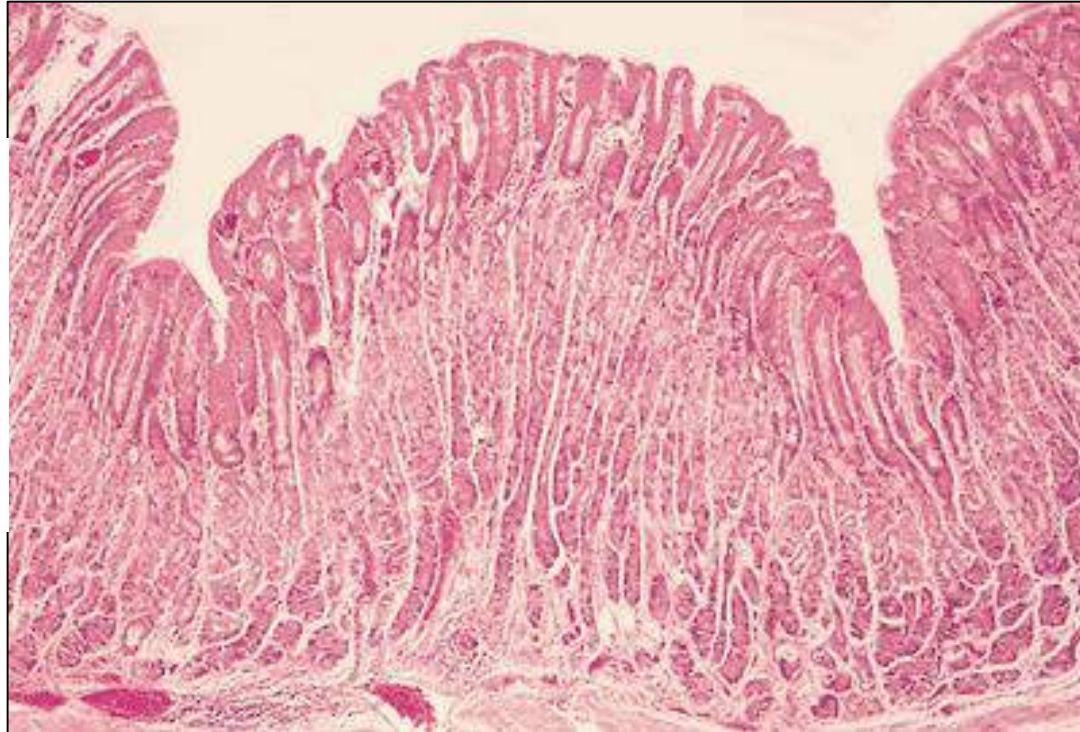


Mucous acini

Esophagus



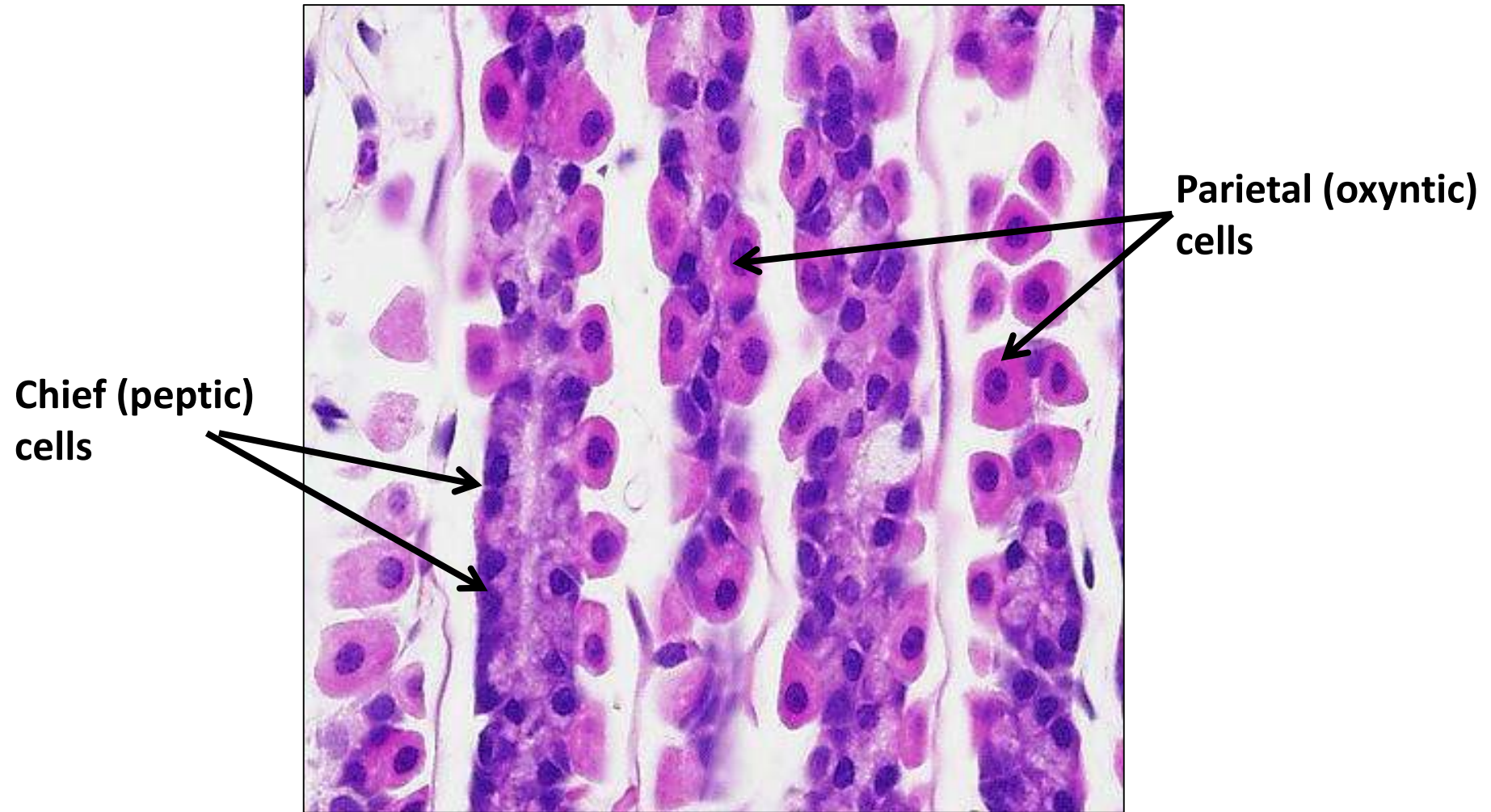
Stomach (fundus)



**Mucosa
contains
fundic glands**

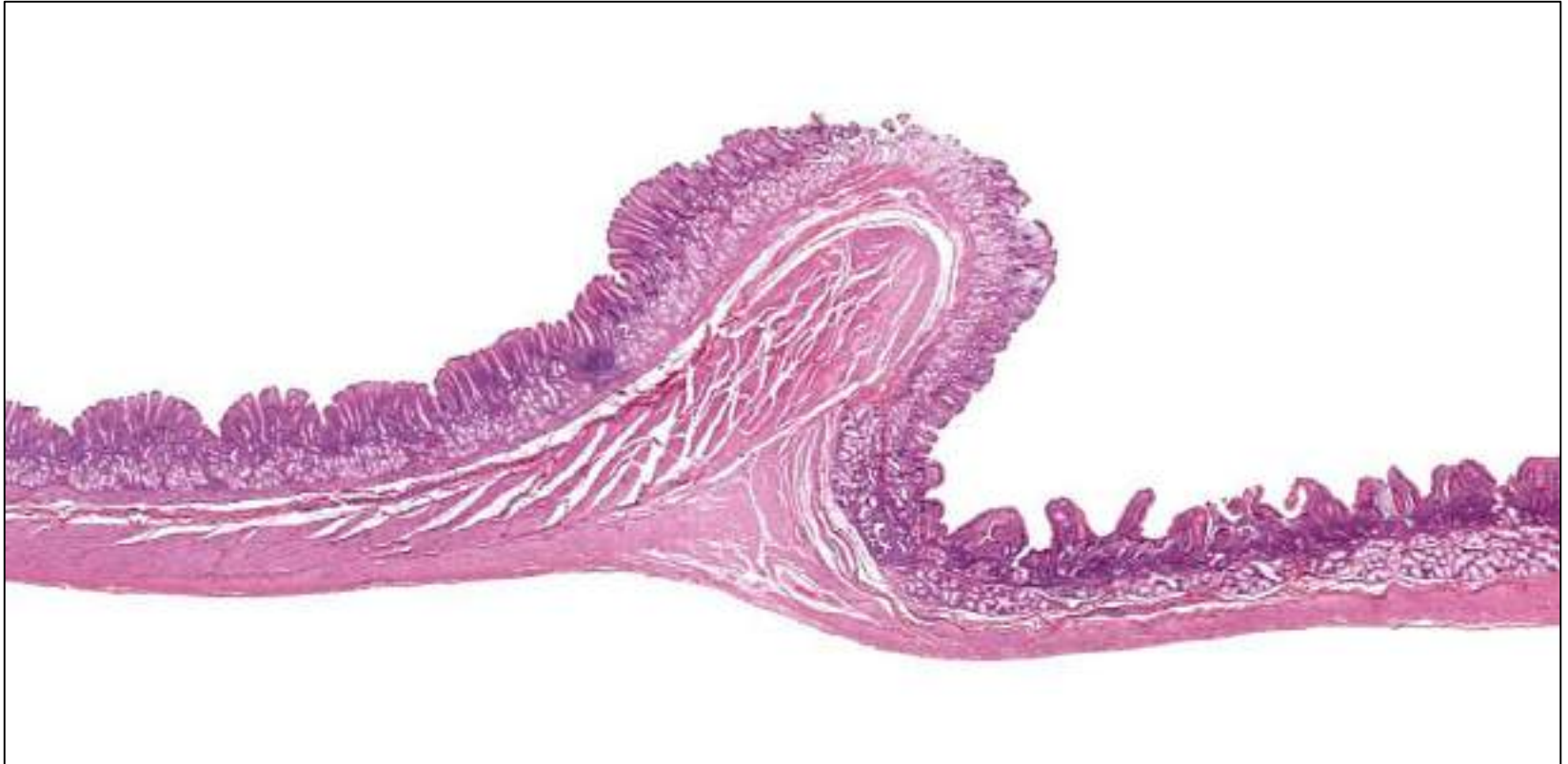
- 1- Long simple branched tubular gastric glands**
- 2- short gastric pits**

Stomach (fundic glands)

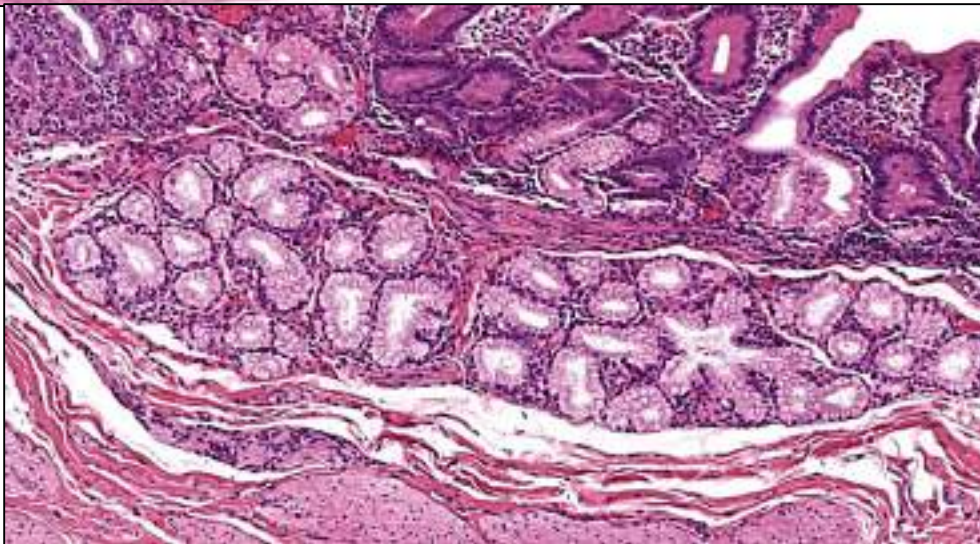
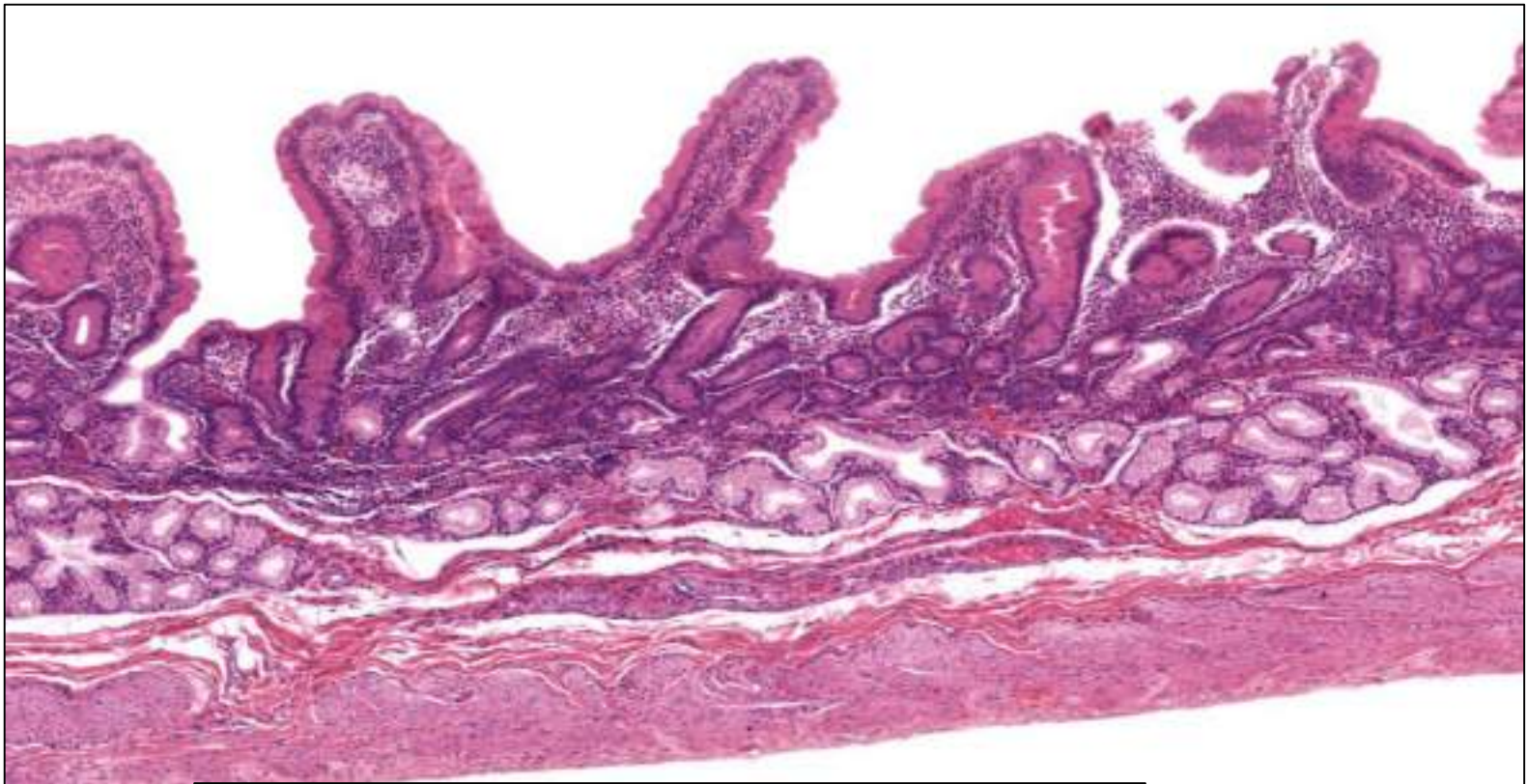


Gastro- esophageal junction





Pyloro- duodenal junction
Gastro-duodenal junction



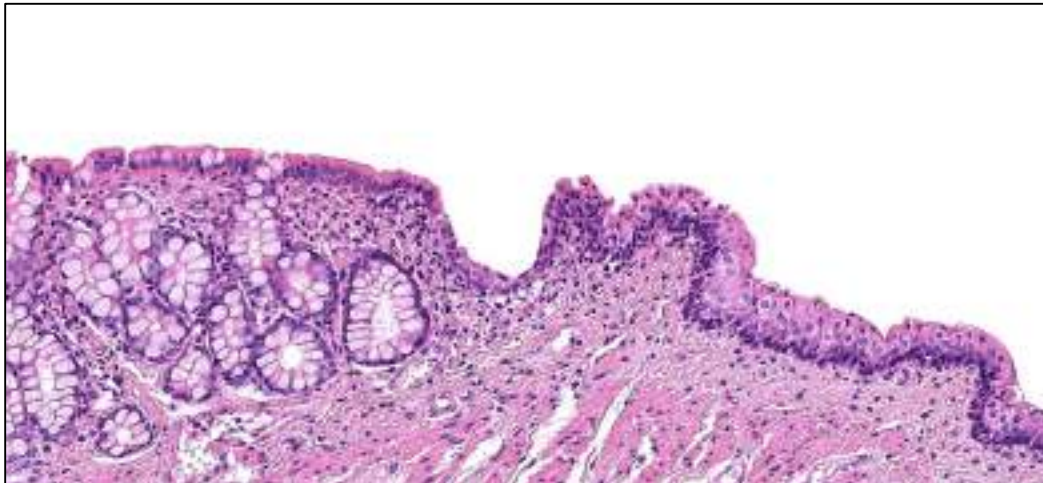
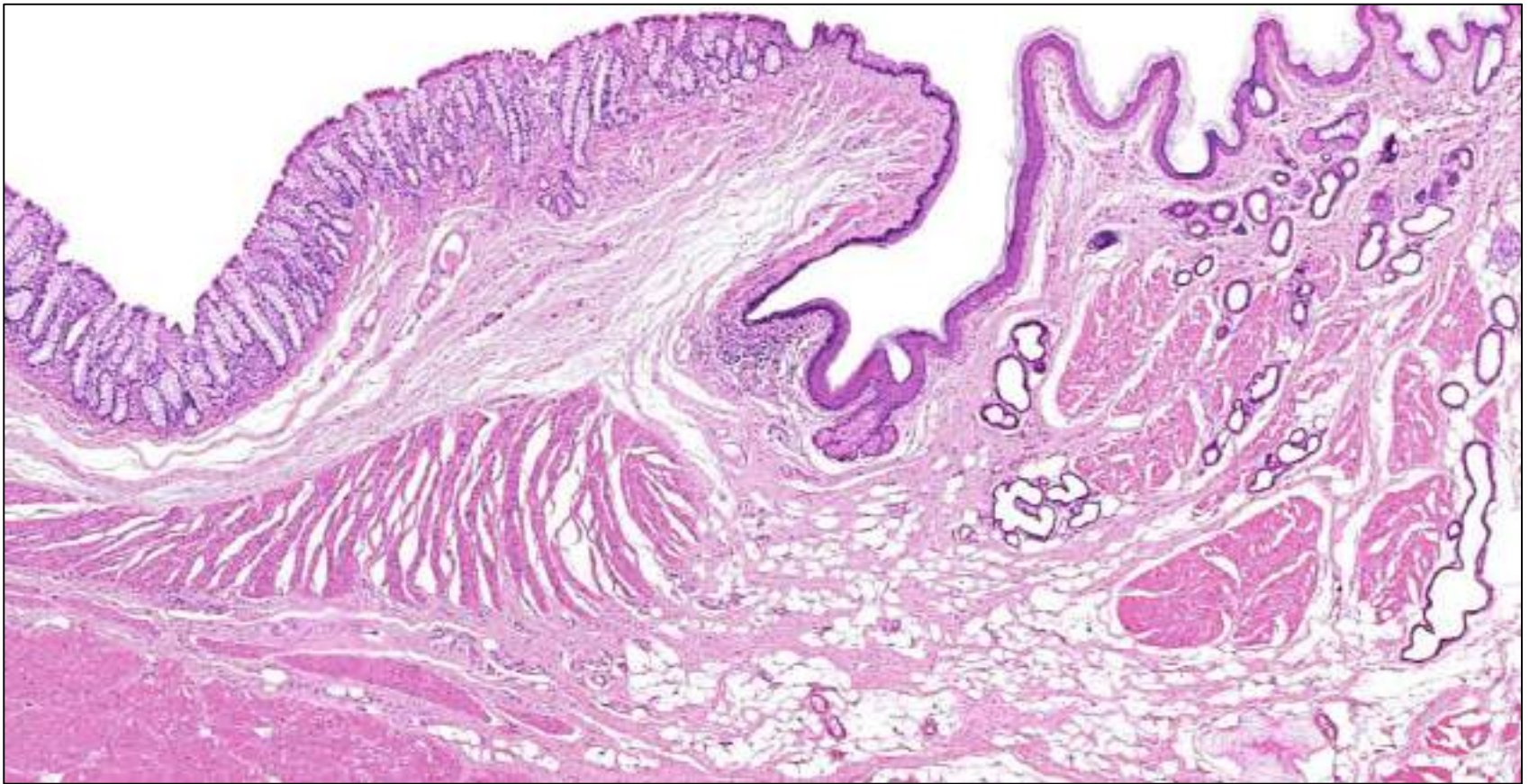
Brunner's glands

Recto anal junction

Anal side
showing non
keratinized
stratified
squamous
epith



Rectum
side
showing
intestinal
glands



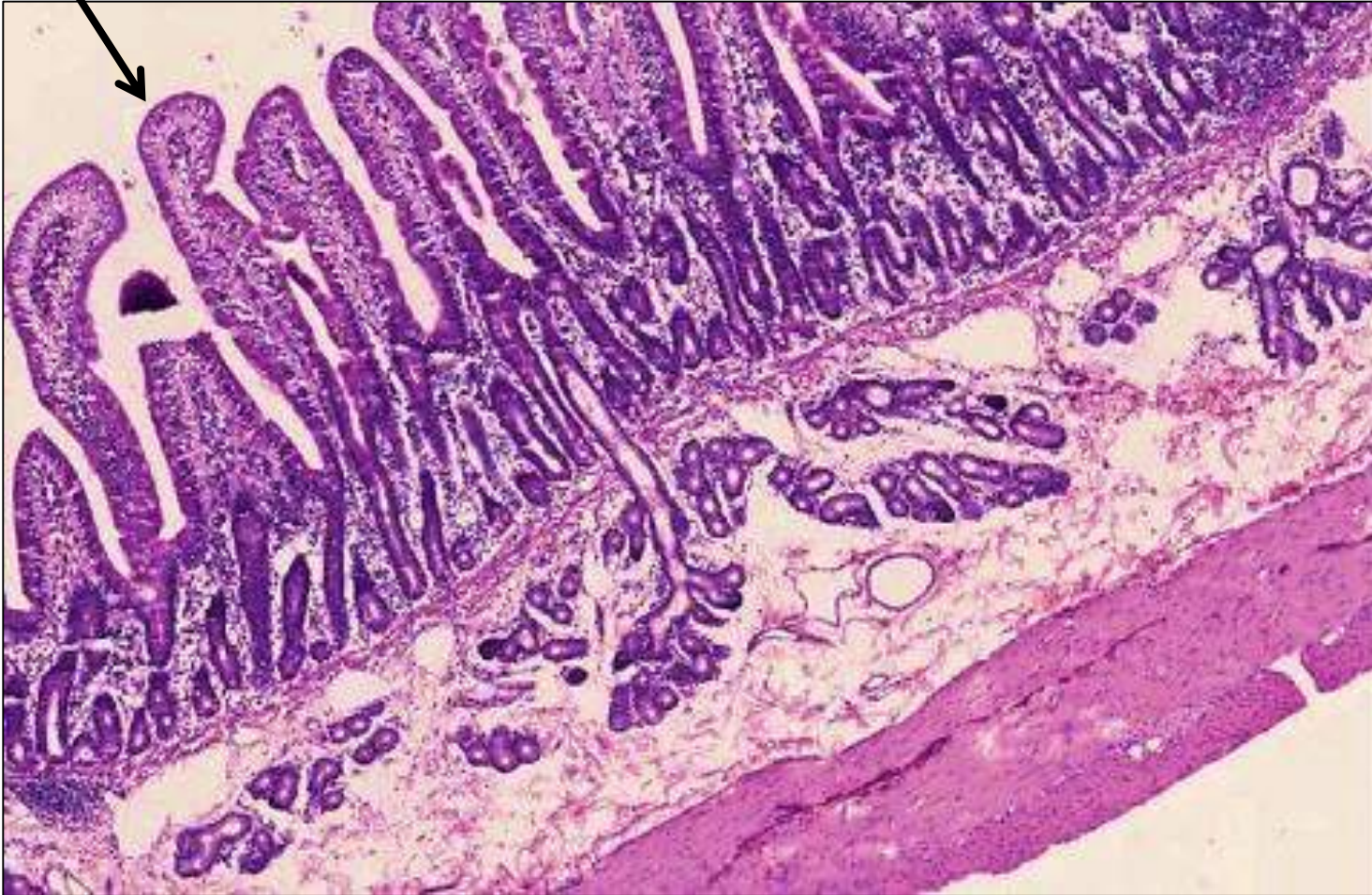
Recto-anal junction



Cross section in duodenum , jejunum & ileum

Intestinal villi

duodenum



Submucosa
showing
Brunner's
glands



Duodenum

Intestinal villi & crypts

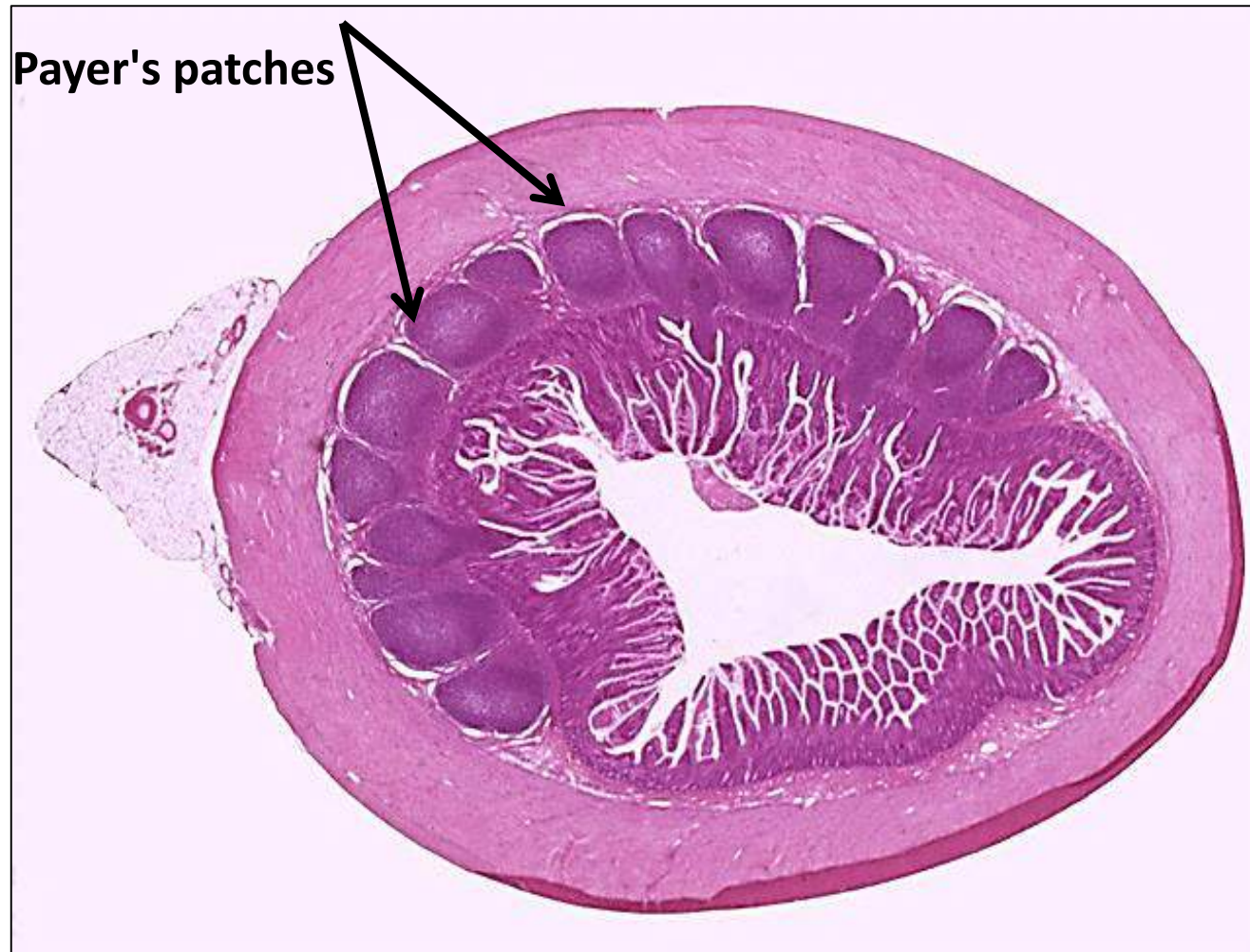


Colon



**Intestinal crypts
contain numerous
goblet cells**

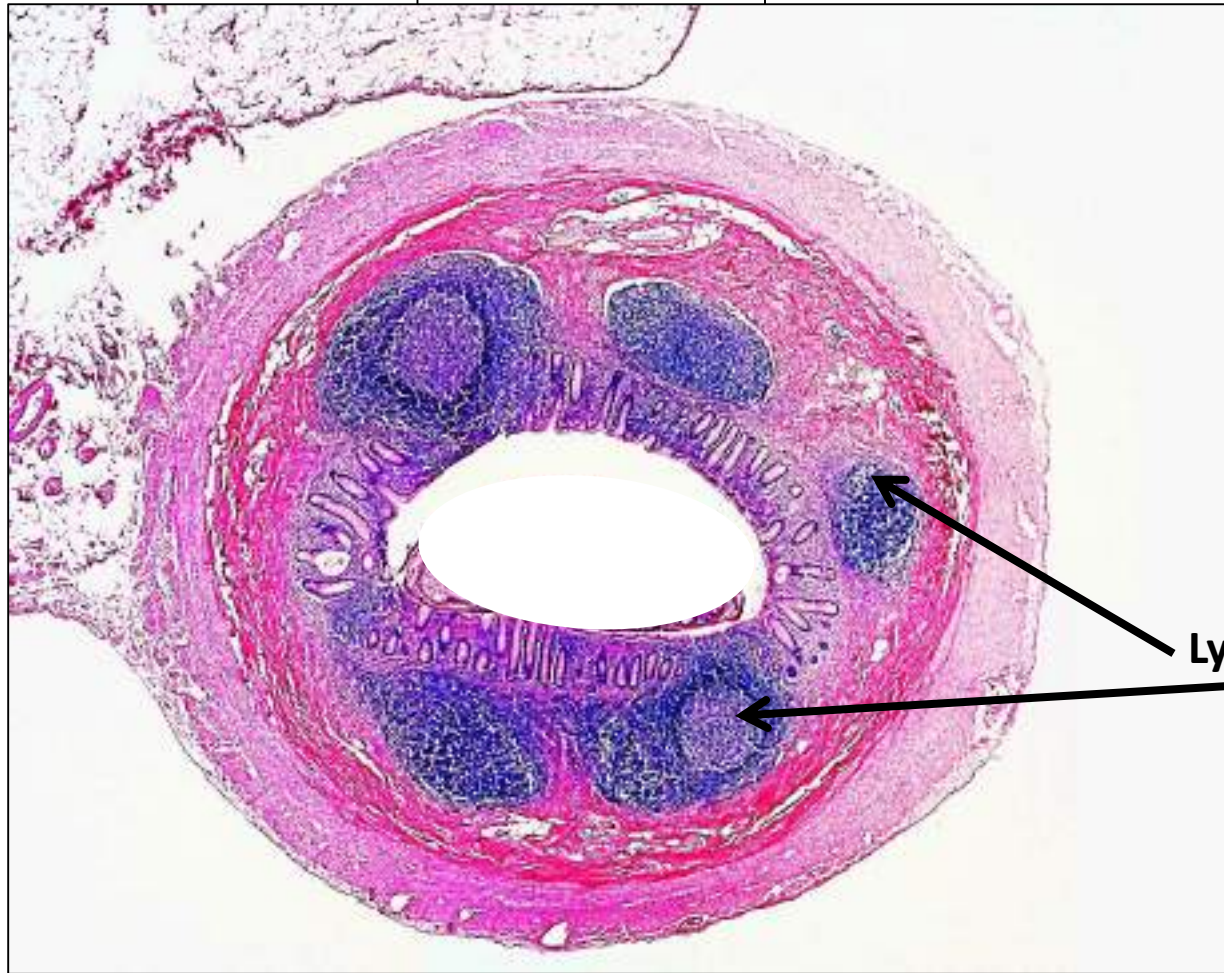
ileum



Colon- *Taenia coli*

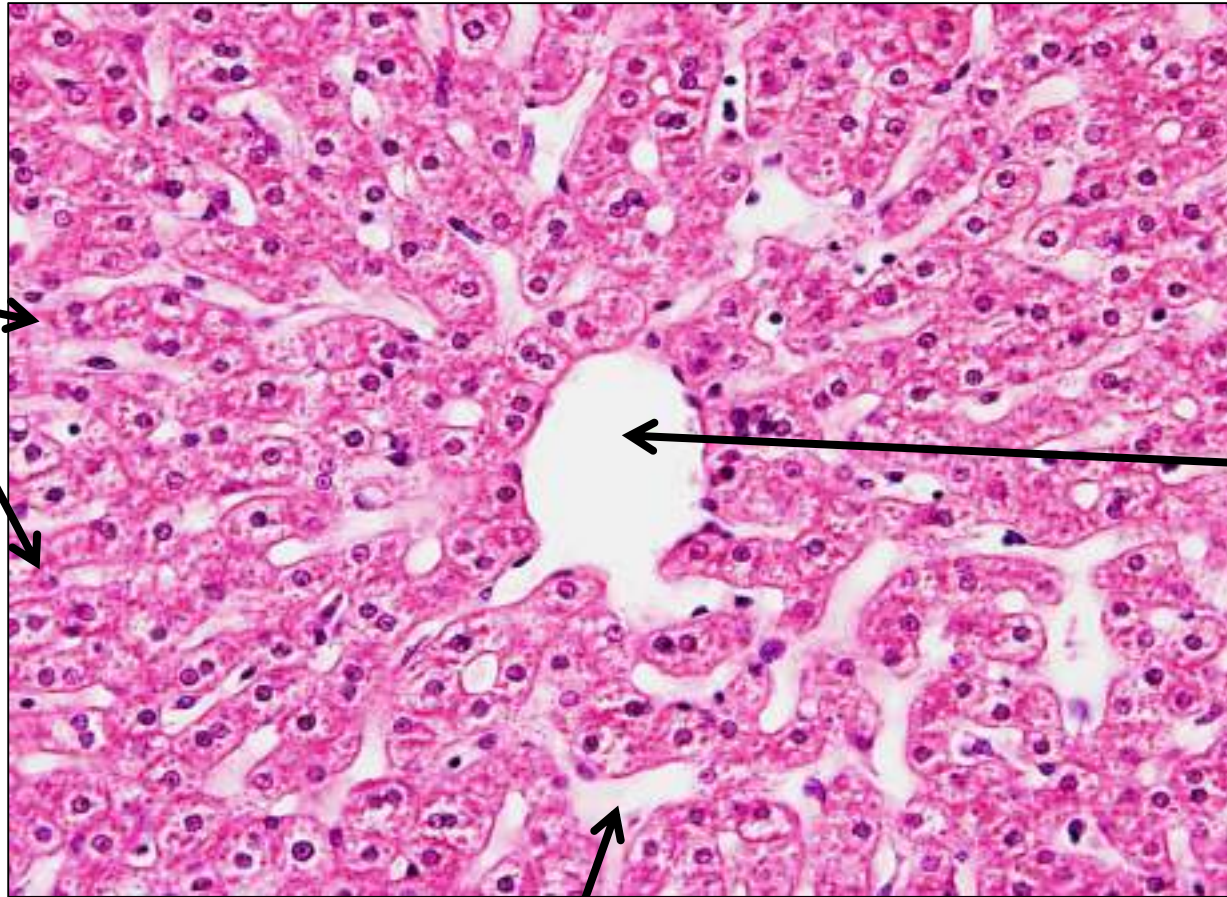


Appendix



Lymphoid follicles

Liver



**Cords of
liver cells**

Central vein

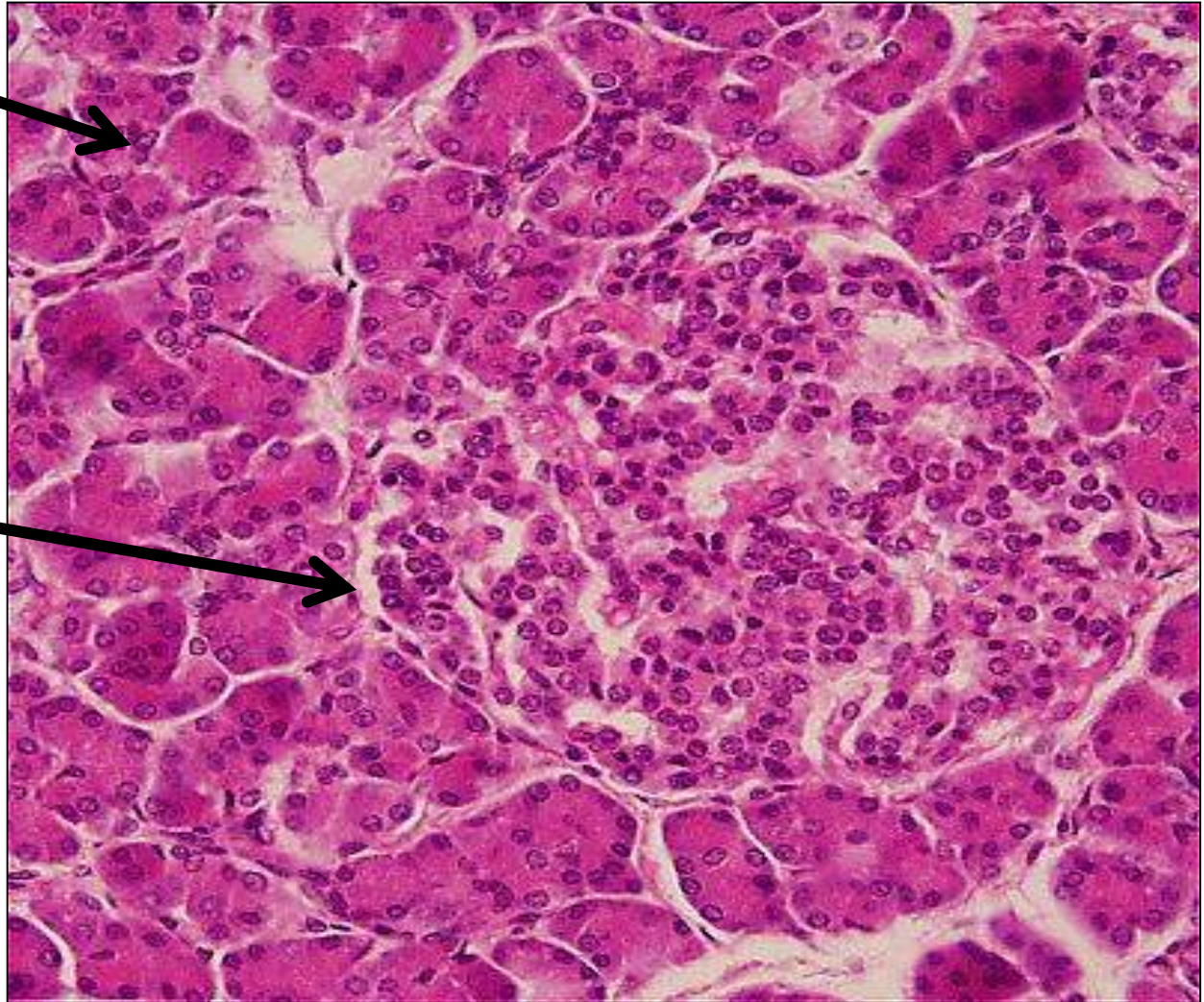
Liver sinusoids

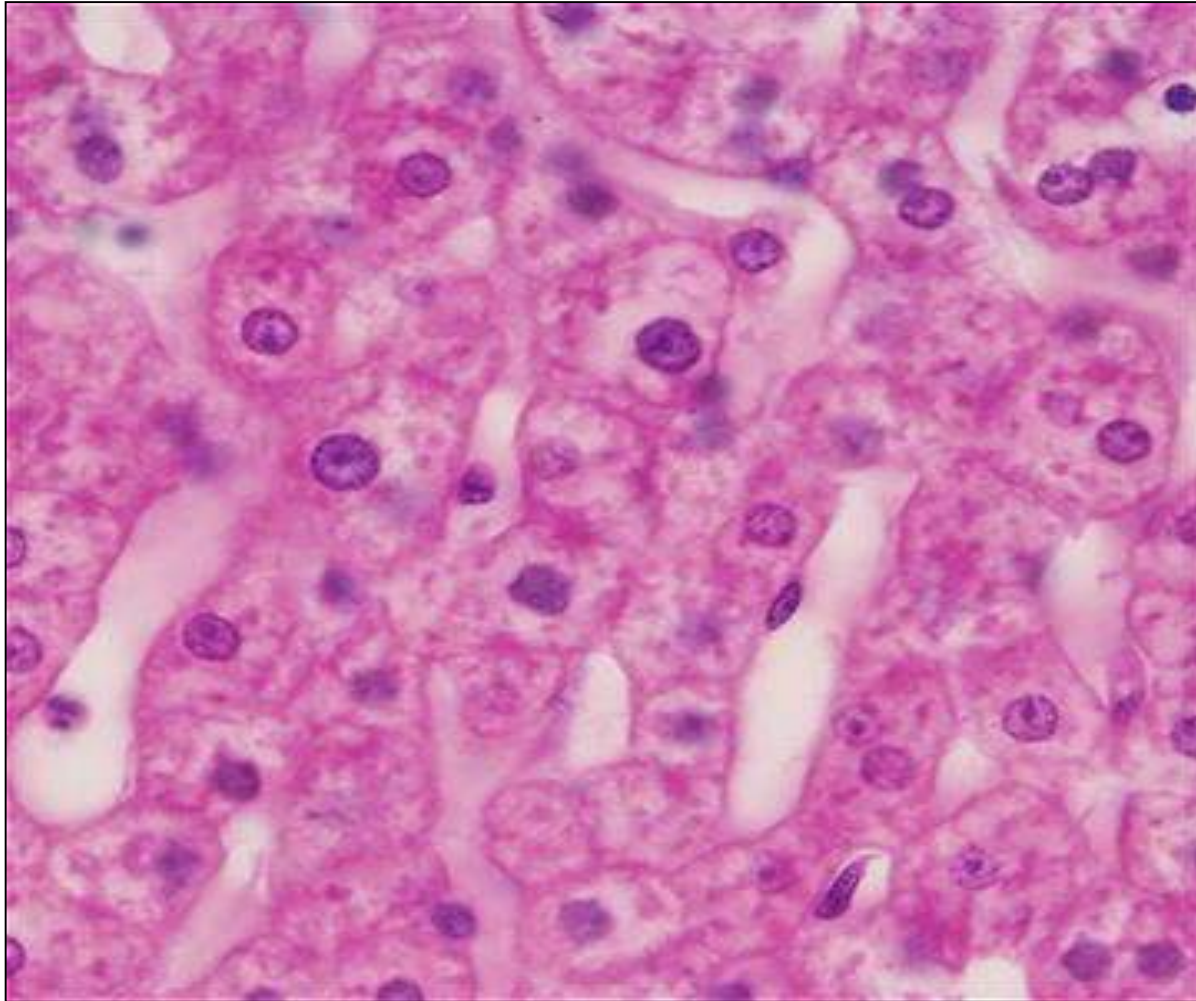
Pancreas

Exocrine pancreas



Islets of Langerhans

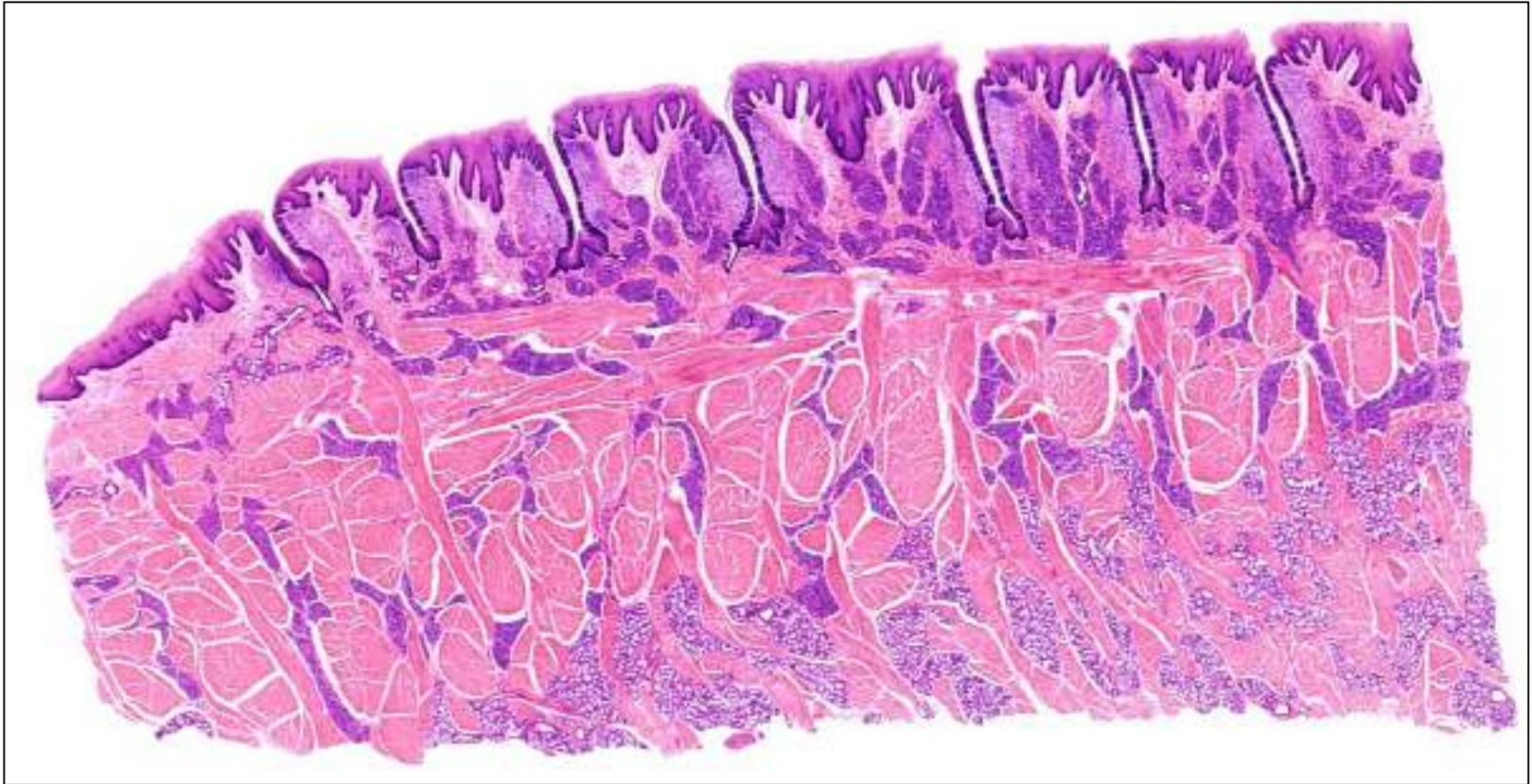




Hepatocytes



Striated duct



The tongue

Thank you

