Lab Ex. 49 & 50
Organs of the Digestive System
Labia “lips”
vestibule
lingual frenulum
labial frenulum
hard palate
soft palate
uvula
Tonsils
lingual tonsils
palatine tonsils
pharyngeal tonsils (adenoids)
Salivary glands
parotid
sublingual
submandibular
Salivary Glands

The light stained glandular structures secrete mucus.

The dark stained glandular structures secrete digestive enzymes.

Note the sublingual mainly secretes mucus, the parotid mainly secretes enzymes and the submandibular secretes both mucus and enzymes.
Teeth
incisor
cuspid (canine)
bicuspoid (premolar)
molars
Tooth
crown
enamel
dentin
root
alveolar fossa
gingiva
pharynx
nasopharynx
oropharynx
laryngopharynx
larynx
hyoid
epiglottis
esophagus
Alimentary Canal Wall
mucosa
submucosa
submucosal plexus
muscularis externa
circular muscle (smooth muscle tissue)
longitudinal muscle (smooth muscle tissue)
oblique muscle (stomach only)
myenteric plexus
Comparison of areas of tract

- Esophagus
- Stomach
- Small intestine
- Large intestine
Peritoneal Extensions
mesocolon*
mesentery
greater omentum
All mesenteries
stomach
lower esophageal (cardiac) sphincter
greater curvature
lesser curvature
rugae (fold)
gastric pit
Regions
cardiac
fundic
body
pyloric sphincter
pancreas
pancreatic duct
liver
lobes (L & R)
falciform ligament
hepatic duct (L & R)
common hepatic duct
common bile duct
gall bladder
cystic duct
hepatopancreatic duct
hepatopancreatic sphincter (muscle around duct)
small intestine
Sections
duodenum
jejenum
ileum
plicae circulares (folds)
villus
microvilli
lacteal
Peyer’s patches
ileocecal sphincter
large intestine
cecum
vermiform appendix
colon
ascending colon
hepatic flexure
transverse colon
splenic flexure
descending colon
sigmoid colon
haustra
rectum
anal canal
anus
Next: Lab ex. 59 & 61 Male Reproductive System