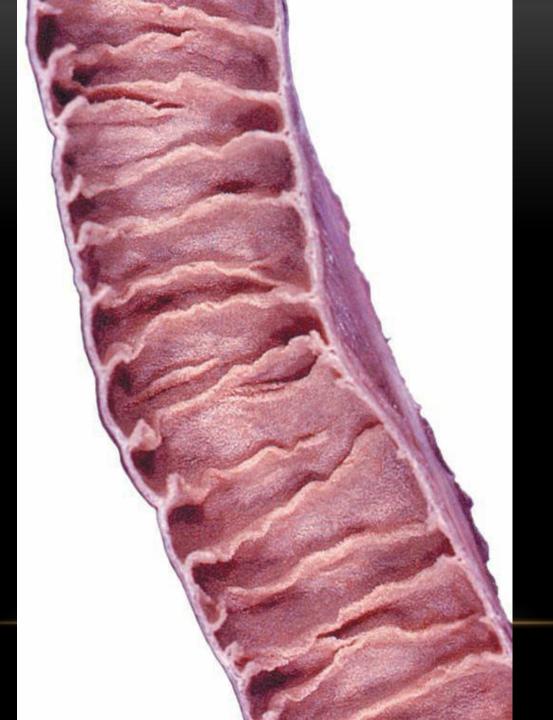
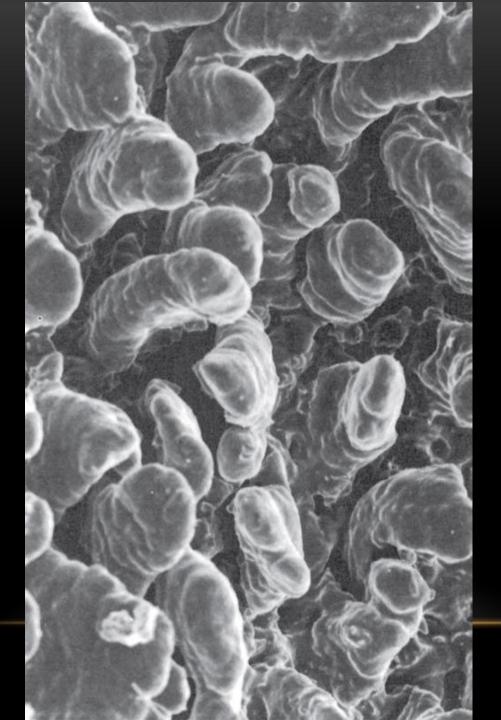
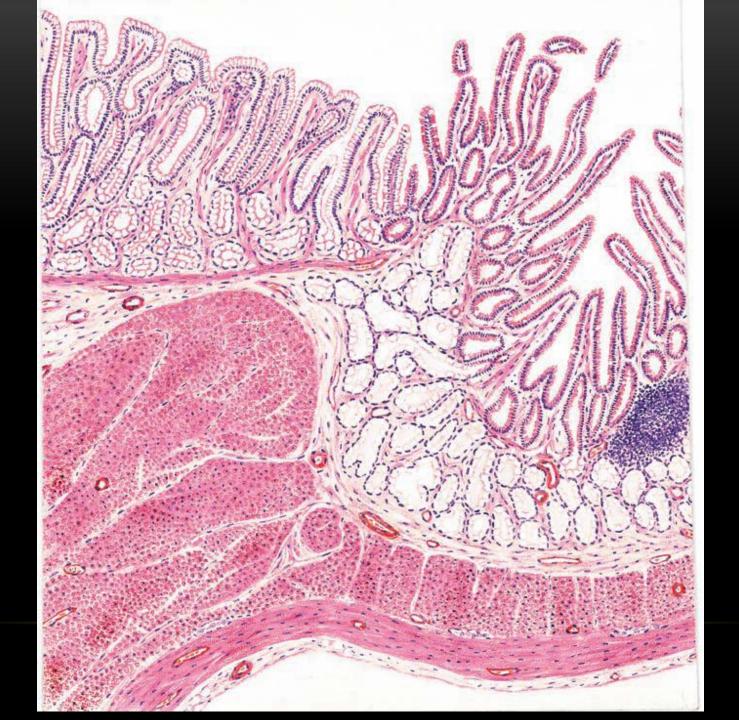
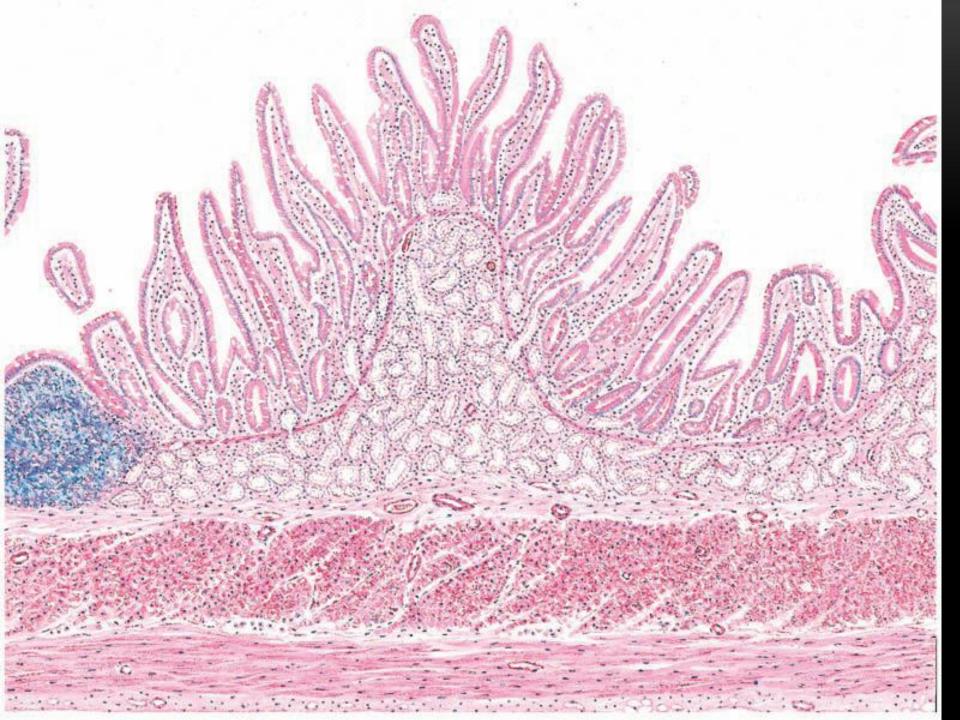
## Histology of the intestines

#### SMALL INTESTINE





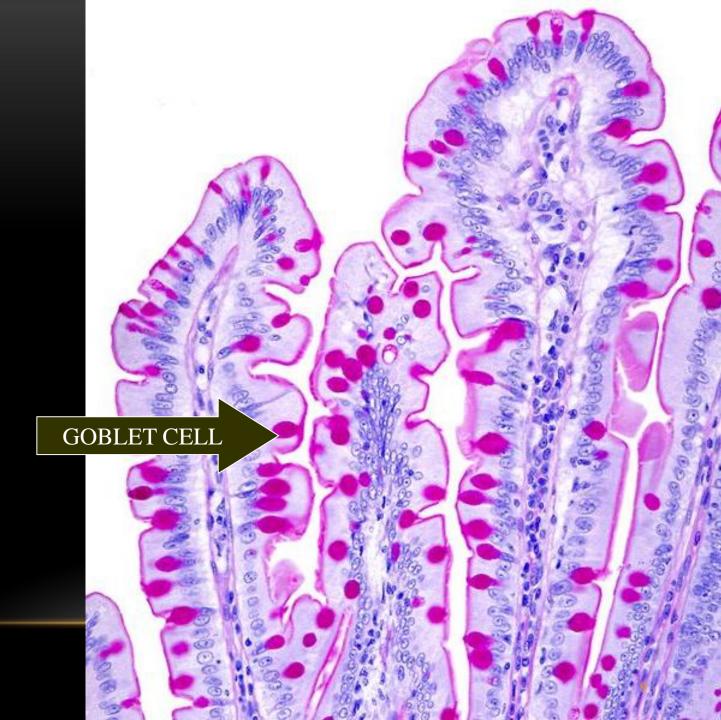


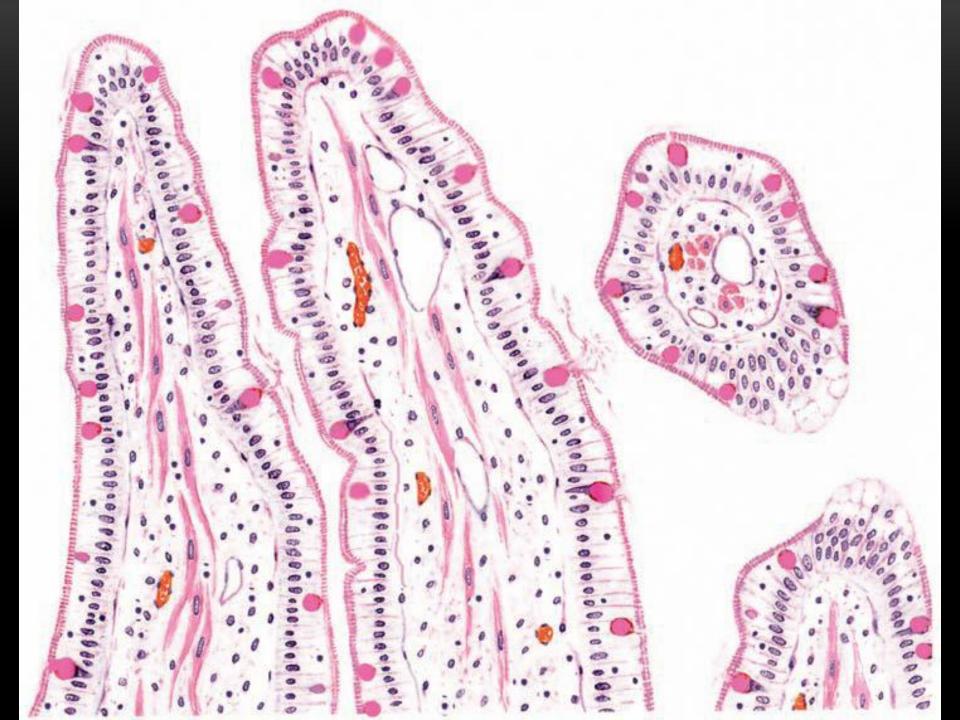


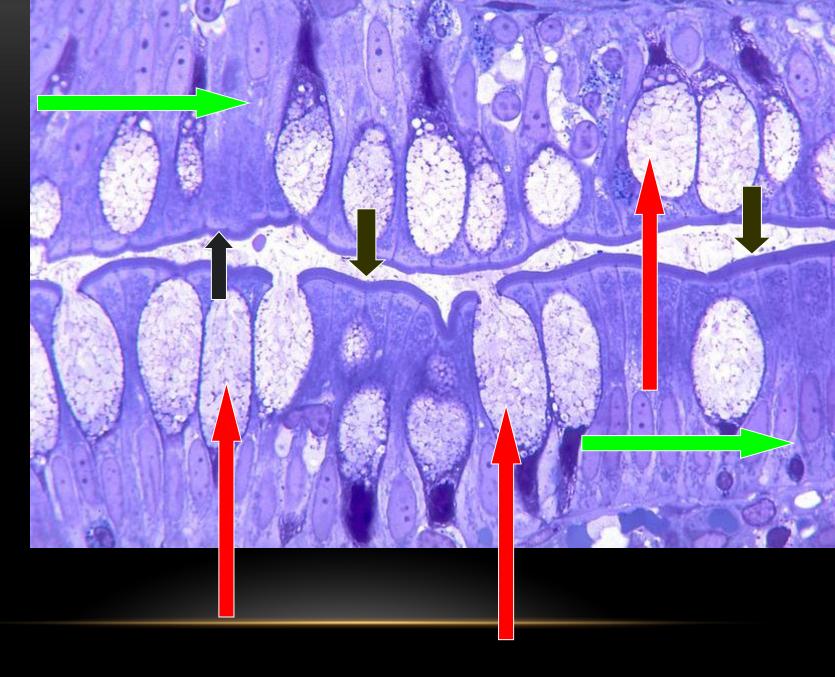


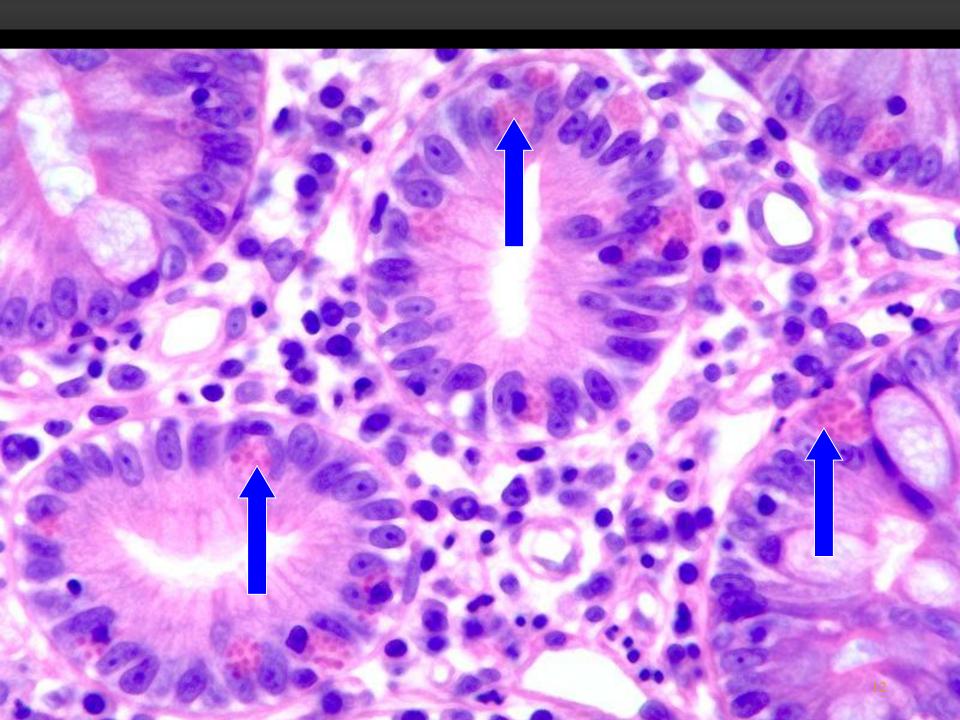
# **Inestinal villus** LAMINA PROPRIA

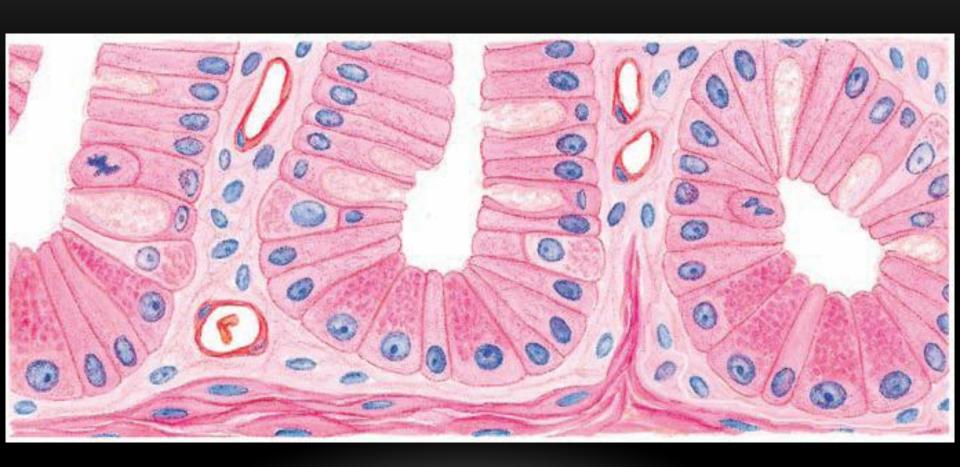
**Enterocytes and Goblet cells** 

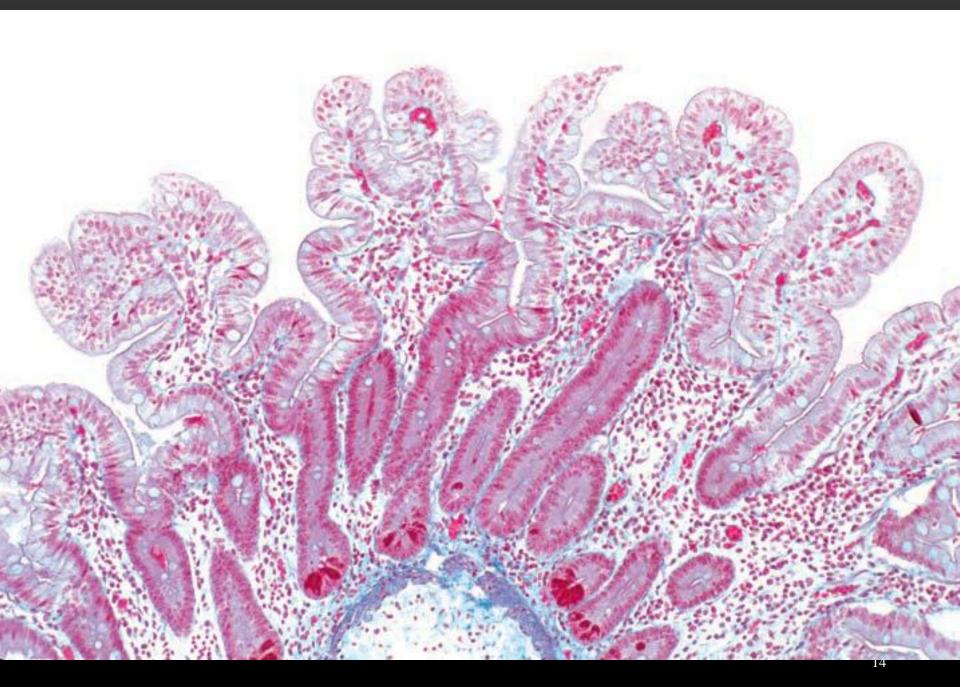


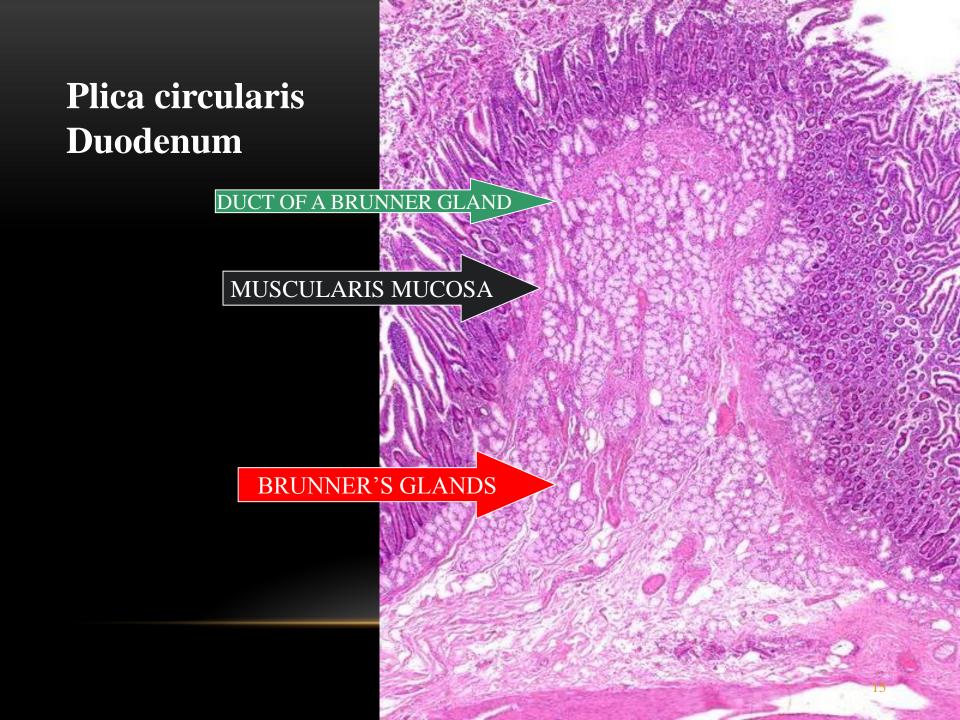


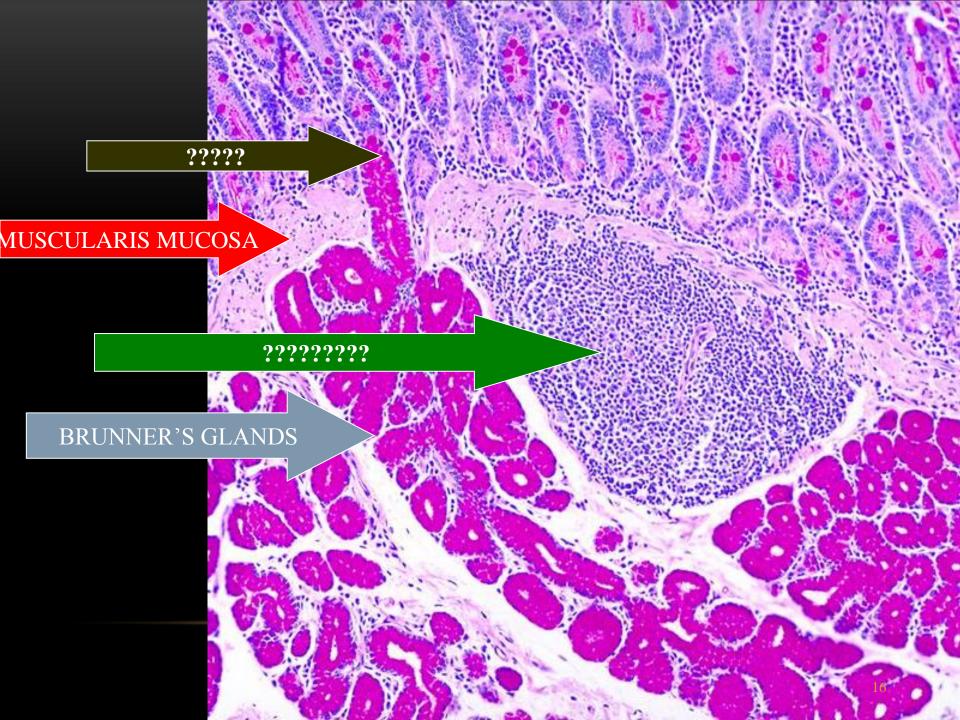


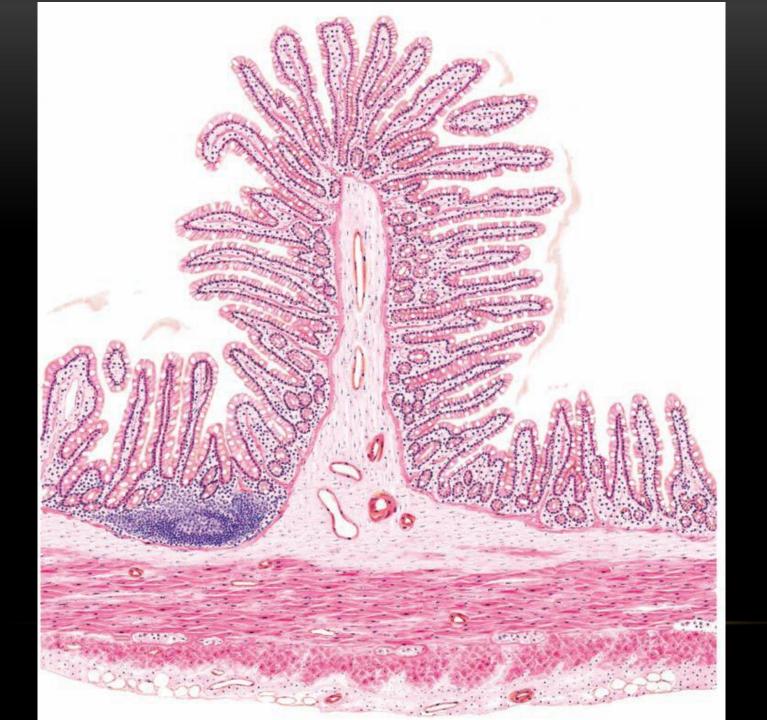


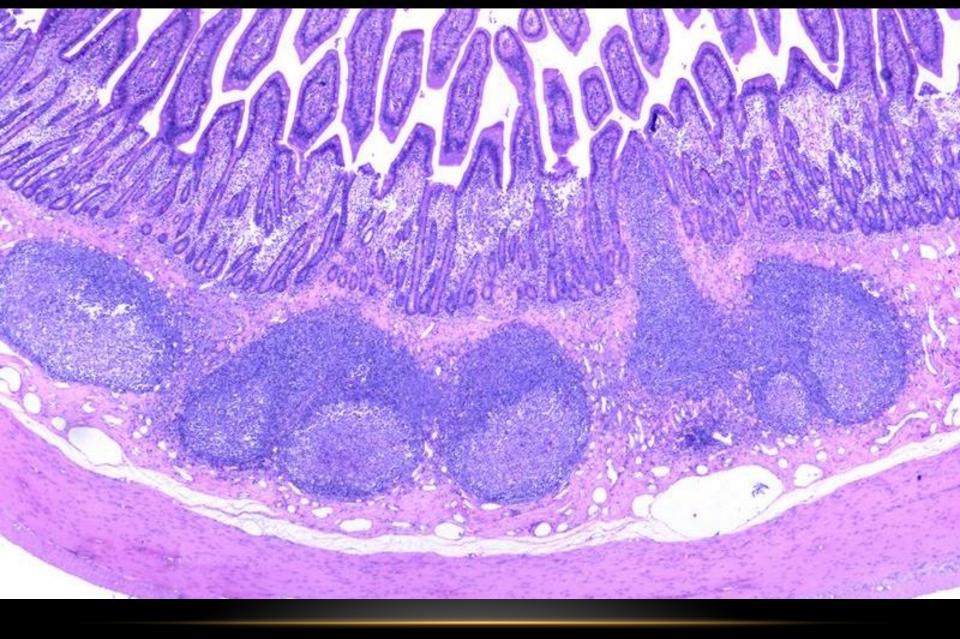






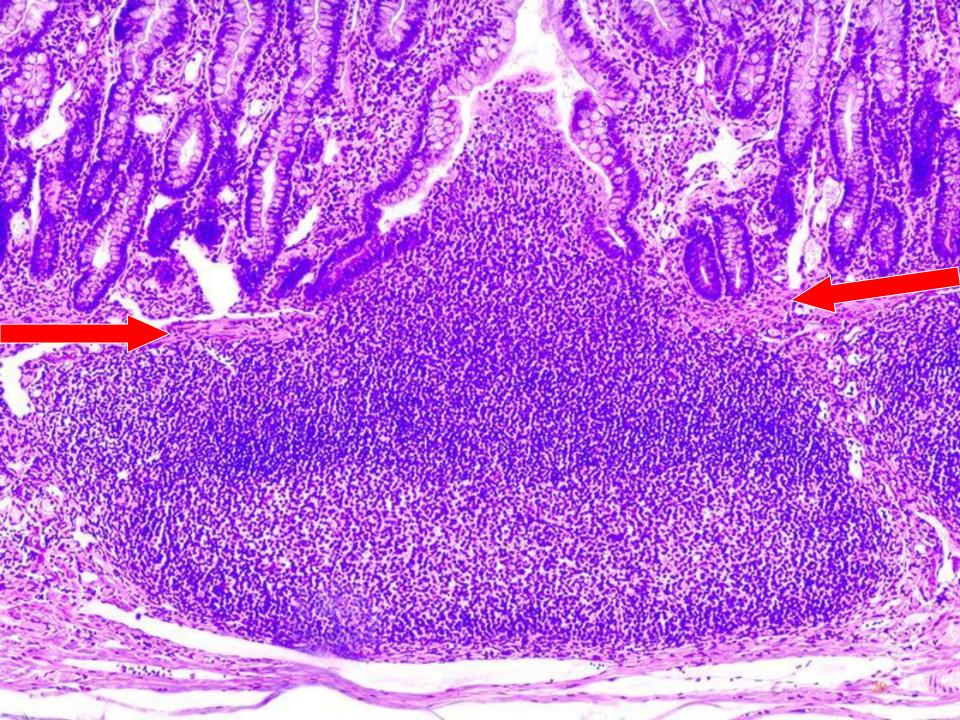




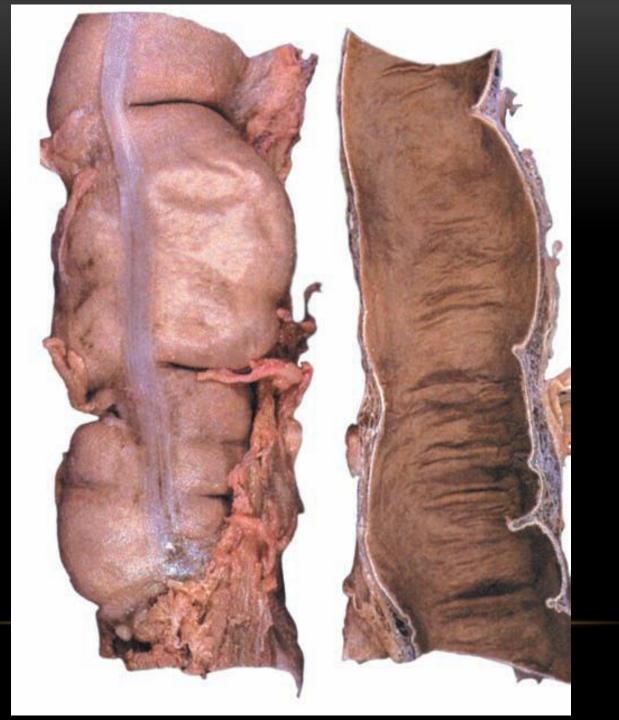


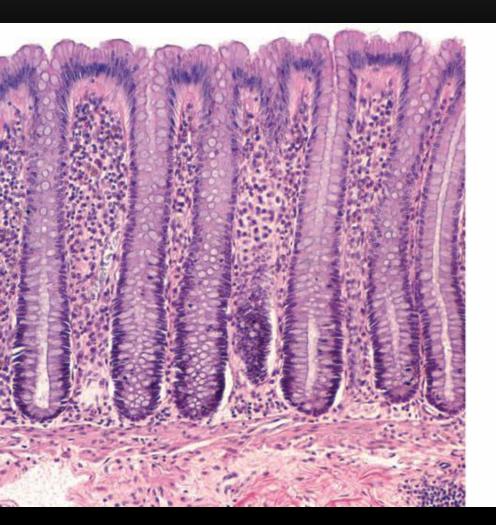
#### Ileum

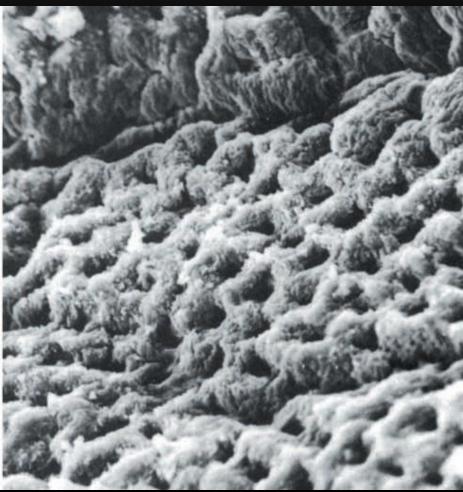


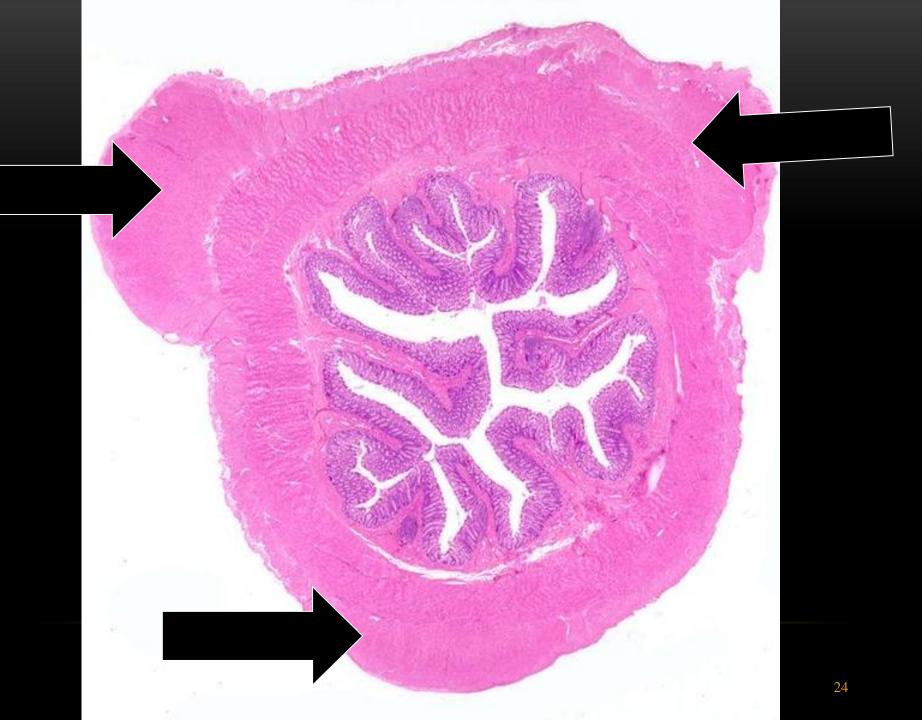


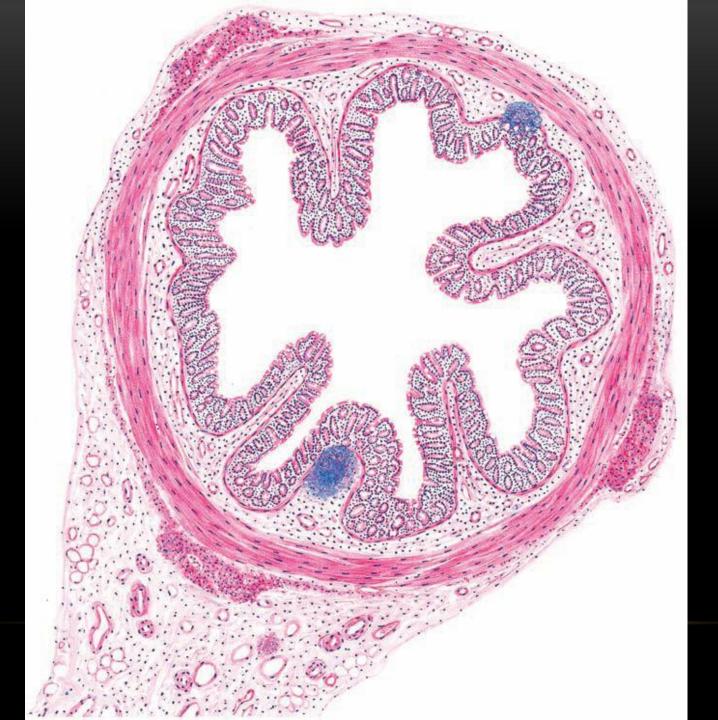


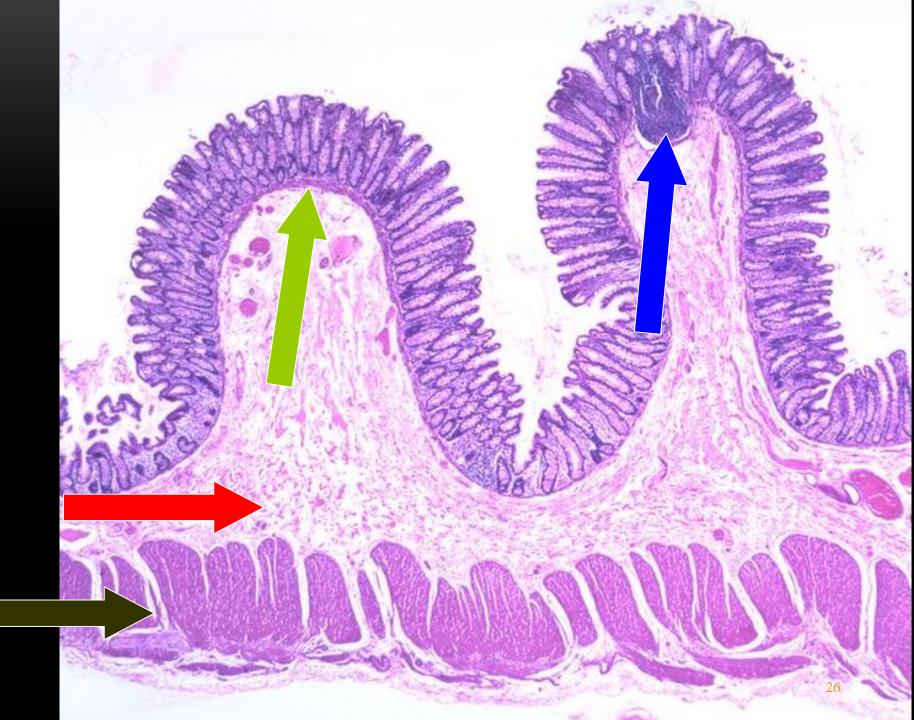




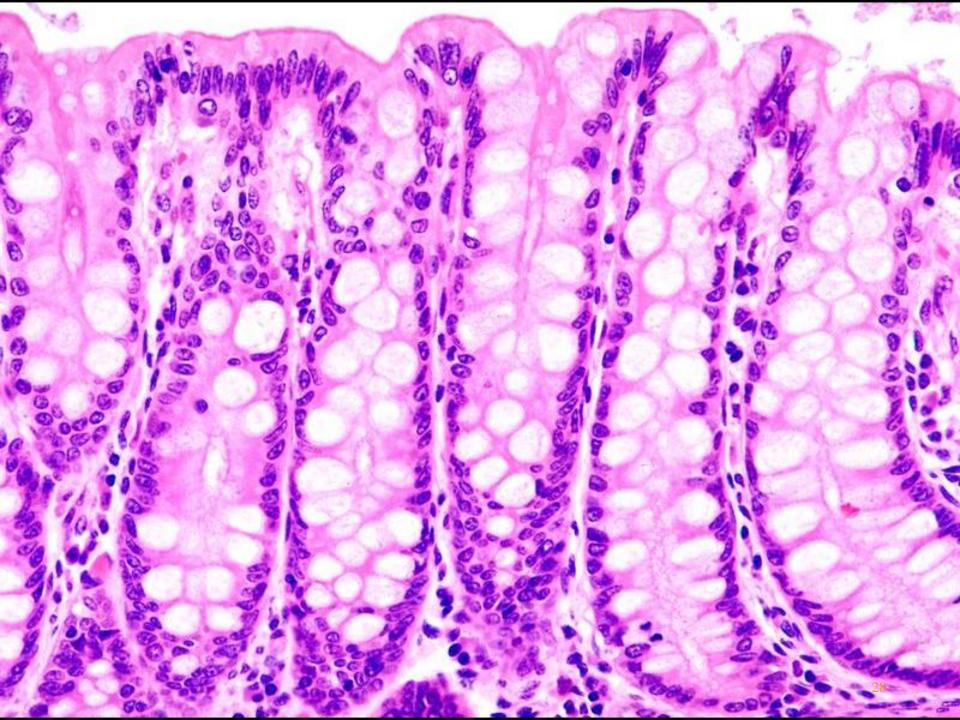


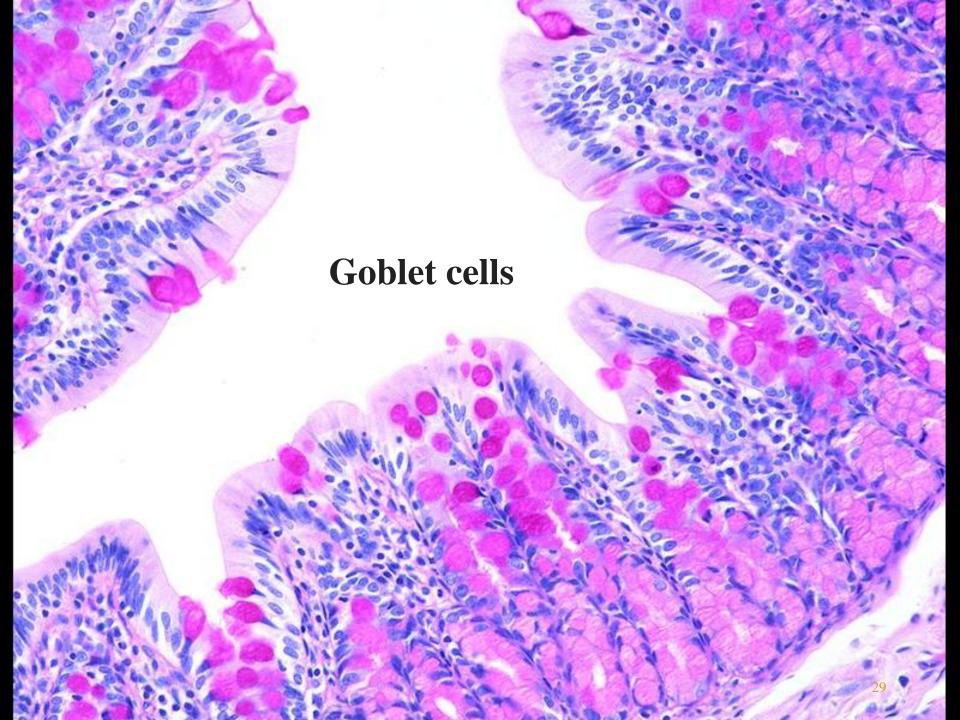


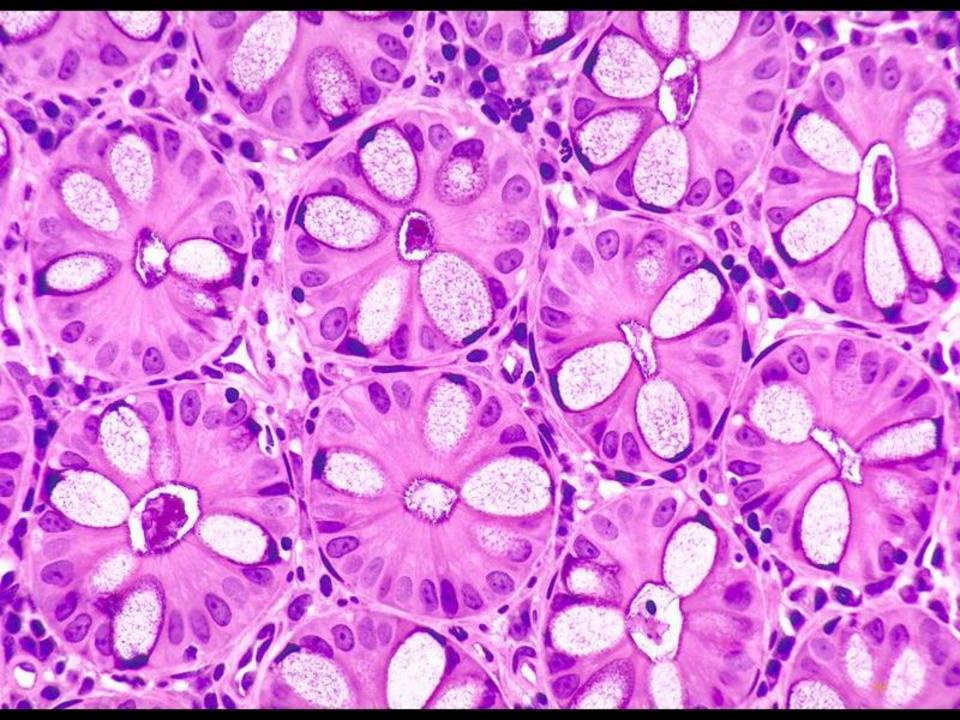


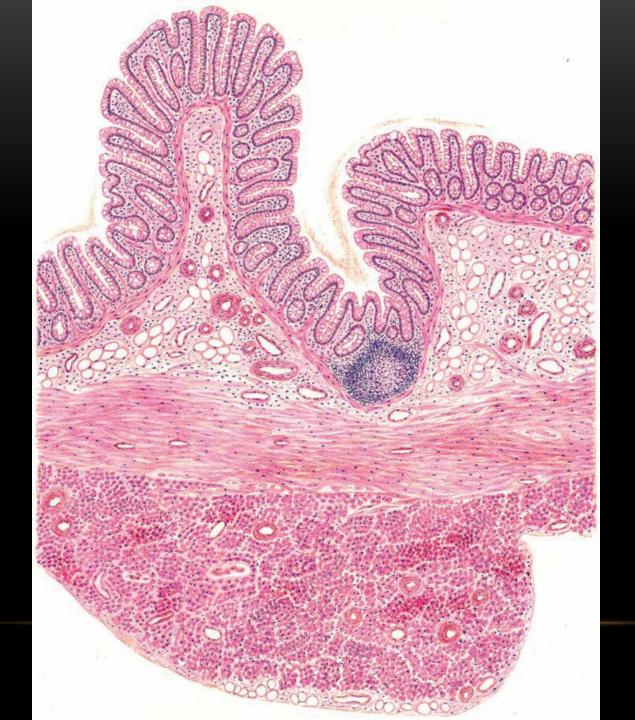




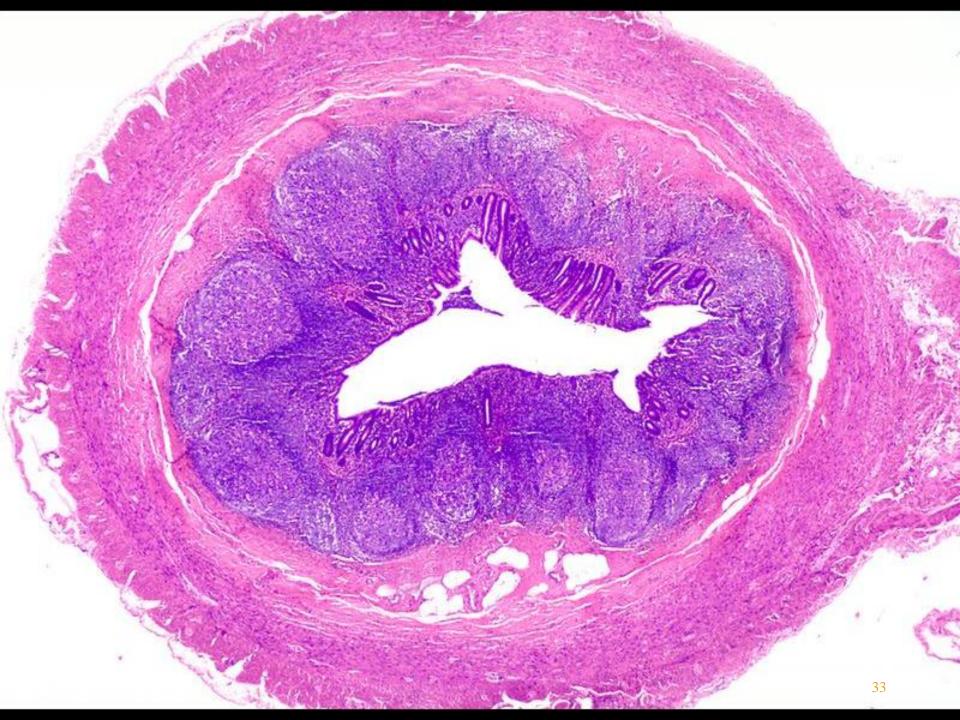








### Vermiform Appendix





#### Regional differences of small and large intestines Mucosa

	Duodenum	Jejunum	ileum	Colon
Enterocytes	Simple columnar - striate border	Same	Same	Reduced microvilli
Goblet	+	++	+++	++++
Paneth	+	++++	+++	±
DNES	Scattered	Scattered, more numerous	Same as jejunum	Common in appendix, few elsewhere
Crypts of Liberkuhn	Very abundant, all cell types	Same	Same	Longer and more closely packed

#### Regional differences of small and large intestines

	Duodenum	Jejunum	ileum	Colon
Submucosal glands	Brunner's	Absent	Absent	Absent
Lymphoid tissue	Diffuse	Increase in nodules	Peyer's patches	Many nodules
Plica circularis	±	++++	++	Plica semilunaris
Muscularis externa	Well developed inner circular and outer longitudinal	Same	Same	Taenia coli
Serosa	Serosa at beginning and end	Present	Present	Present anteriorly and on sides
Villi	Lowest	Tallest	Medium	absent