**Collection of histo GIT**

السلام عليكم مرة تانية

اخر نوت خلاص اهى

فالحقيقة انا مش لاقيه حاجة فالهيستو ينفع تتجمع

لكن بما ان سائلة الهيستو دائما و ابدا بتيجى مباشرة و مش بتلخبط

glands فانا شايفه ان اللى ممكن يلخبط هو انواع ال

و الباقى ما شاء الله عليه هيتلخبط اه بس مش هينفع يتجمع :D

يلا خيـــــر ان شاء الله

main salivary glands --> large compund tubuloalveolar

accessory salivary glands--> simple branched tubuloalveolar

von ebner's glands --> serous compund tubuloalveolar

esophagus -->

1. mucus glands: tubular gland (serous mucus)
2. submucosal glands: compound tubuloalveolar (acidic mucus)

stomach -->

1. fundic gland : simple branched tubular
2. pyloric gland: simple branched and secretory portion are tortous and coiled
3. cardiac gland: simple branched tubular gland (wide lumen)

liver --> compound tubular gland

pancreas -->its a mexocrine gland , exocrine portion is compound tubuloalveolar

SI -->

1. crypts of lieberkuhn : simple branched tubular
2. Brunner's gland: compound tubuloalvolar (alkaline)

large intestine: crypts of liberkuhn --> simple tubular

appendix: crypts of liberkuhn --> simple tubular (shorter and wider lumen)

anal canal : circumanal gland --> simple coiled tubular

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***Parotid and pancreas:***

***=============***

**both are:**

1. serous acini and secret watery secretion
2. the cells of the acini has indistinct cell boundaries
3. cell lining is pyramidal
4. nuclei are eccenteric

**they are different in:**

1. mitochondria --> is abundant in pancreas, few in parotid
2. short microvilli --> is present in pancreas,  lack in parotid
3. intercalary ducts --> telescoped in pancreas (centriacinosal cell), begin after the acini
4. duct system -->

pancreas:

centriacinosal (flat with flat nuclei) --> intercalary (flat cuboidal) --> intralobular (simple cuboidal) --> interlobar(simple columnar) -->main duct (simple columnar with goblet cells and enteroendocrine cells)

parotid:

intercalary (flat or low cuboidal) --> secretory striated (cuboidal or low columnar) --> interlobular (tall columnar) --> interlobar (pseudostratified columnar) --> main duct (stratifed columnar then non keratinized strafied squamous)

اى حد عايز حاجة بعد كده فالسيمستر بقى و عليكوا خير :D

تمت بحمــــــــــــد الله :)

Done by:

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