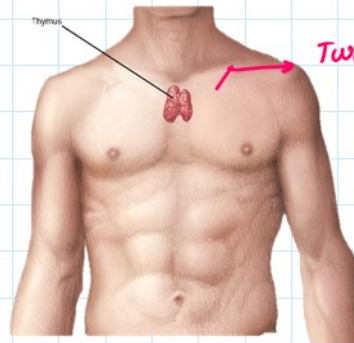


OTHERS GLANDS

THYMUS → Dorsal to sternum

- Thymosin / Thymine

↓
Cell-mediated Immunity

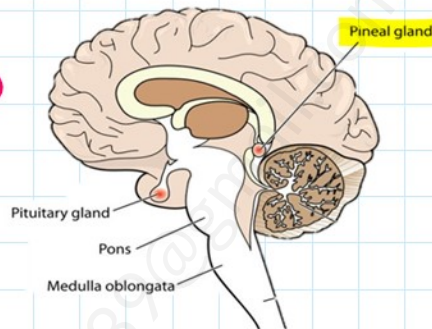


- Maturation of lymphocyte
- Competency induction in T-cell

PINEAL GLAND → Conical shape

- Located b/w Cerebral Hemispheres.

- Melatonin (controls Biorhythms)



- Circadian (24 Hours)
 - ↓ Night (Nocturnal)
 - ↓ Day (Diurnal)

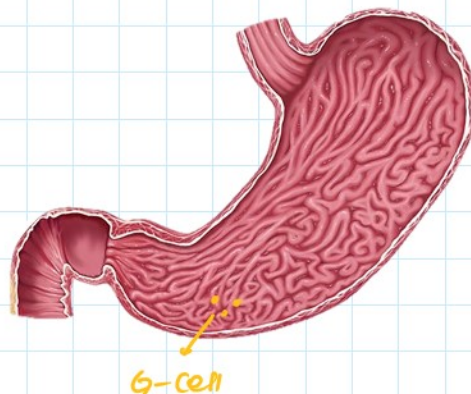
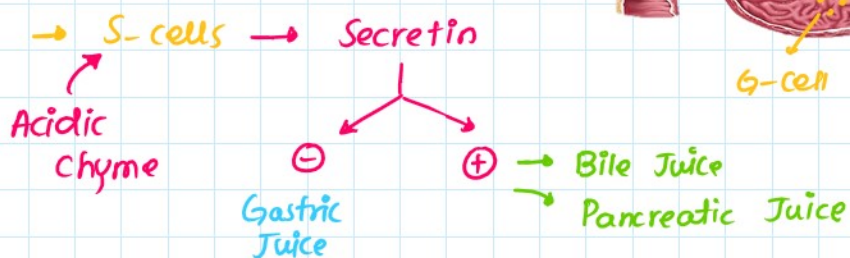
- Reproductive cycle
- Circannual

GASTRO-INTESTINAL TRACT

GASTRIN



SECRETIN (Duodenum)



CORPUS LUTEUM / PLACENTA → **PROGESTERONE**

BRAIN

→ Enkephalins, Endorphin

NERVOUS CO-ORDINATION

CHEMICAL CO-ORDINATION

Rapid

RESPONSE

Slow

Electrochemical wave

AGENTS

Chemical / Hormones

Neurons

UNITS

Endocrine glands

↓↓

AFFECT
DURATION

↑↑

Extra cellular Fluid

Purely in Blood