

* CHANGE FUNCTIONING OF CELL

↳ TYPE, AMOUNT & FUNCTIONING
OF PROTEINS ALTERED

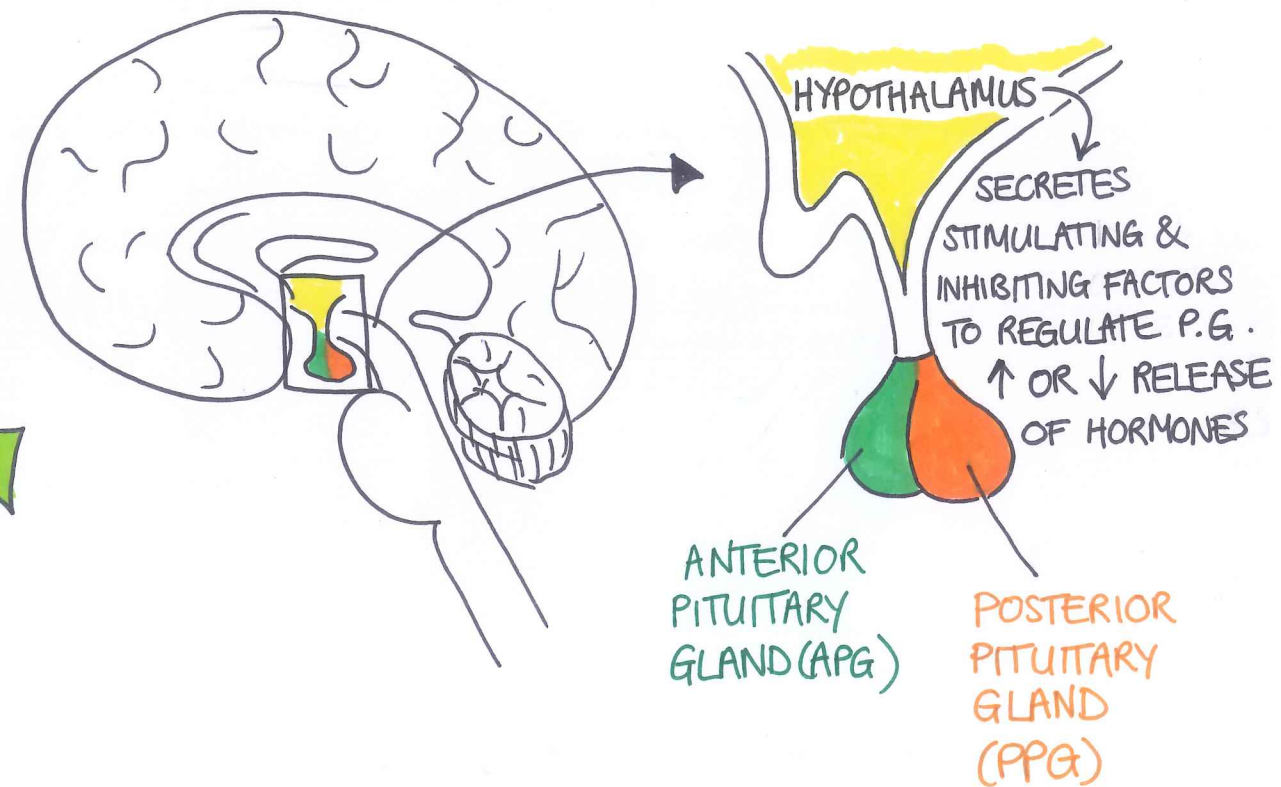
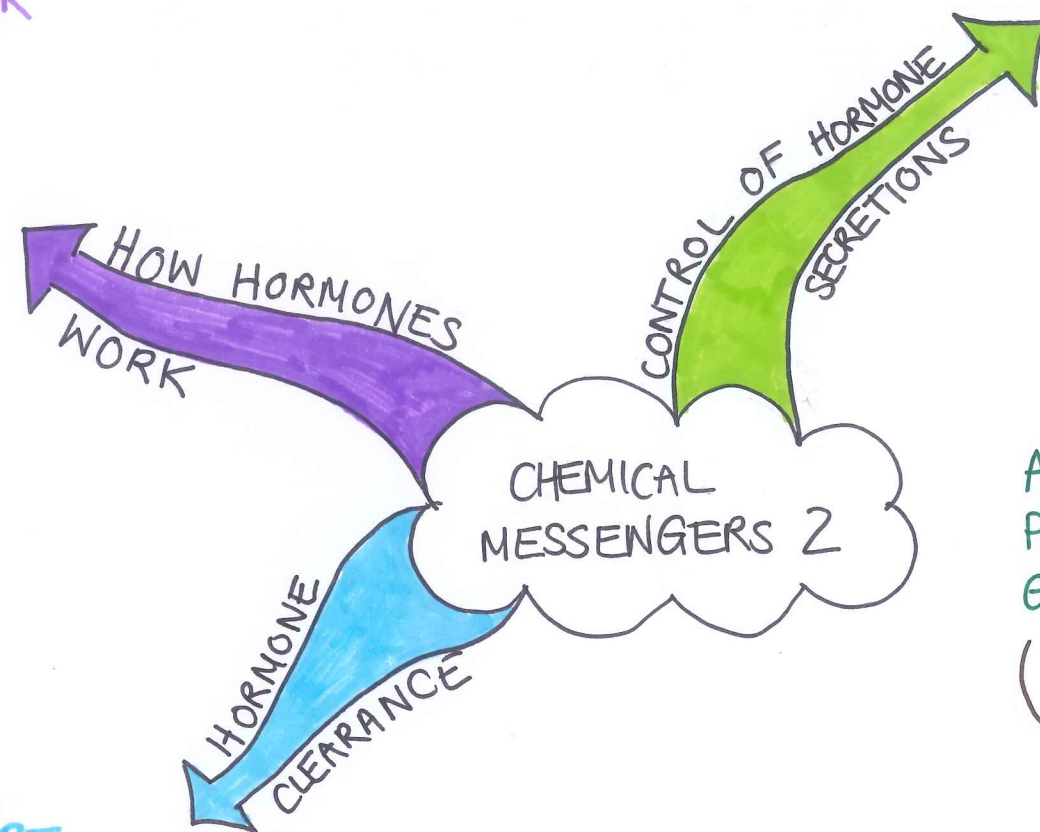
* CAN INFLUENCE ENZYMES BY
CHANGING CONCENTRATION OR
ENZYME ACTIVITY

* ACTIVATE CERTAIN GENES
↳ PRODUCTION OF
ENZYME/STRUCTURAL
PROTEIN

* HORMONE EFFECTS MUST BE
TURNED OFF ONCE STIMULUS
REACHED

* KIDNEY/LIVER OR TARGET CELLS
BREAK DOWN HORMONE

* DEGRADED HORMONES EXCRETED
IN URINE OR BILE



ANTERIOR
PITUITARY
GLAND

NO NERVES, BUT NETWORK
OF BLOOD VESSELS, SECRETES HORMONES

→ HORMONES SECRETED: FSH, LH, GH, TSH, ACTH, PRL

POSTERIOR PITUITARY GLAND

NERVES, BUT NO BLOOD VESSELS

NO TRUE SECRETIONS

HYPOTHALAMUS PASSES ON SECRETIONS
VIA NEURONES

→ HORMONES RELEASED, BUT NOT PRODUCED HERE:

OXYTOCIN, ADH } PPG HORMONES PRODUCED IN HYPOTHALAMUS
PPG ← INFUNDIBULUM