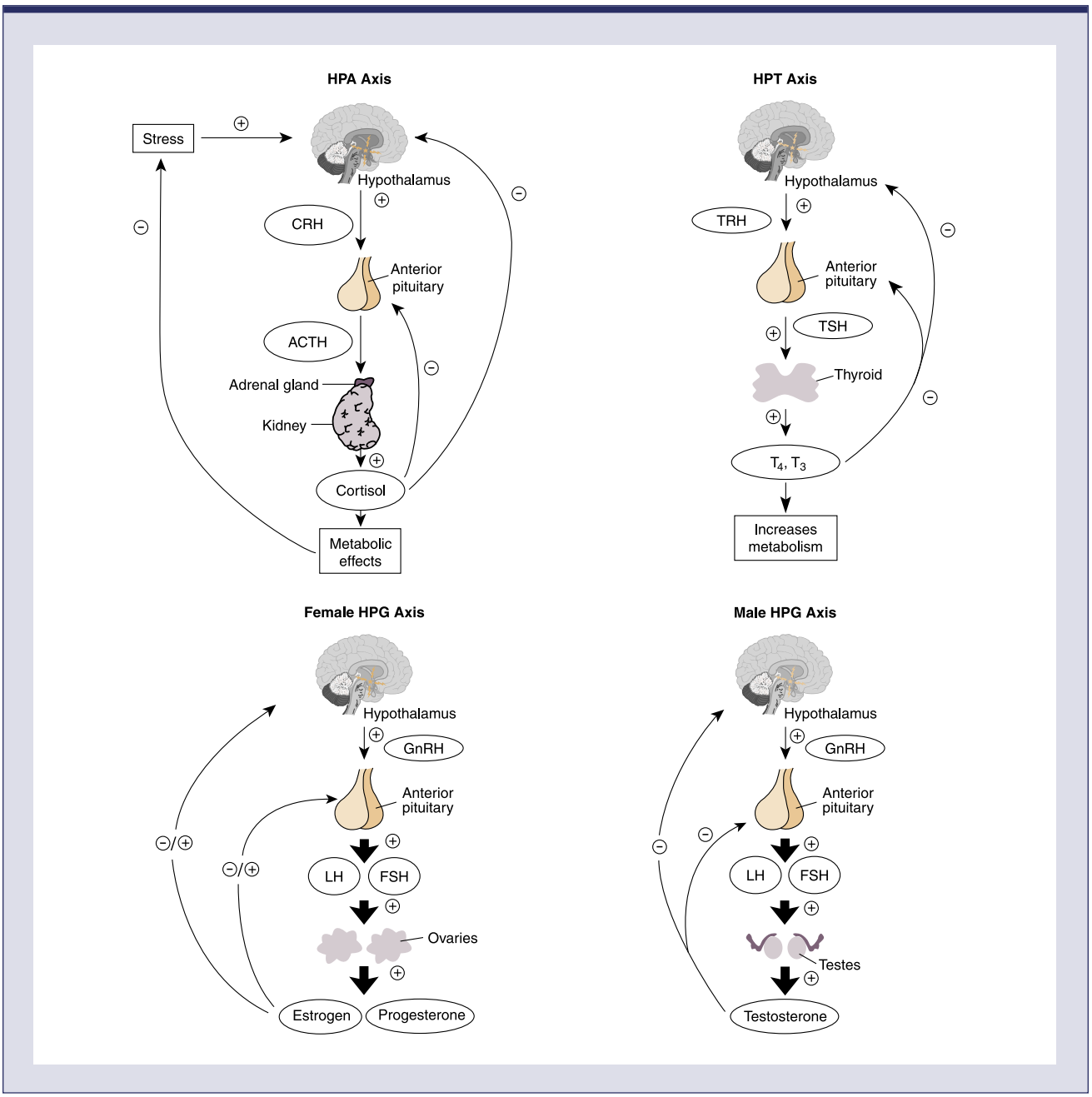
HPA Axis
Stress
Hypothalamus
CRH
Anterior pituitary
ACTH
Adrenal gland
Kidney
Cortisol
Metabolic effects
HPT Axis
Hypothalamus
TRH
Anterior pituitary
TSH
Thyroid
T_4, T_3
Increases metabolism
Female HPG Axis
Hypothalamus
GnRH
Anterior pituitary
LH
FSH
Ovaries
Estrogen
Progesterone
Male HPG Axis
Hypothalamus
GnRH
Anterior pituitary
LH
FSH
Testes
Testosterone