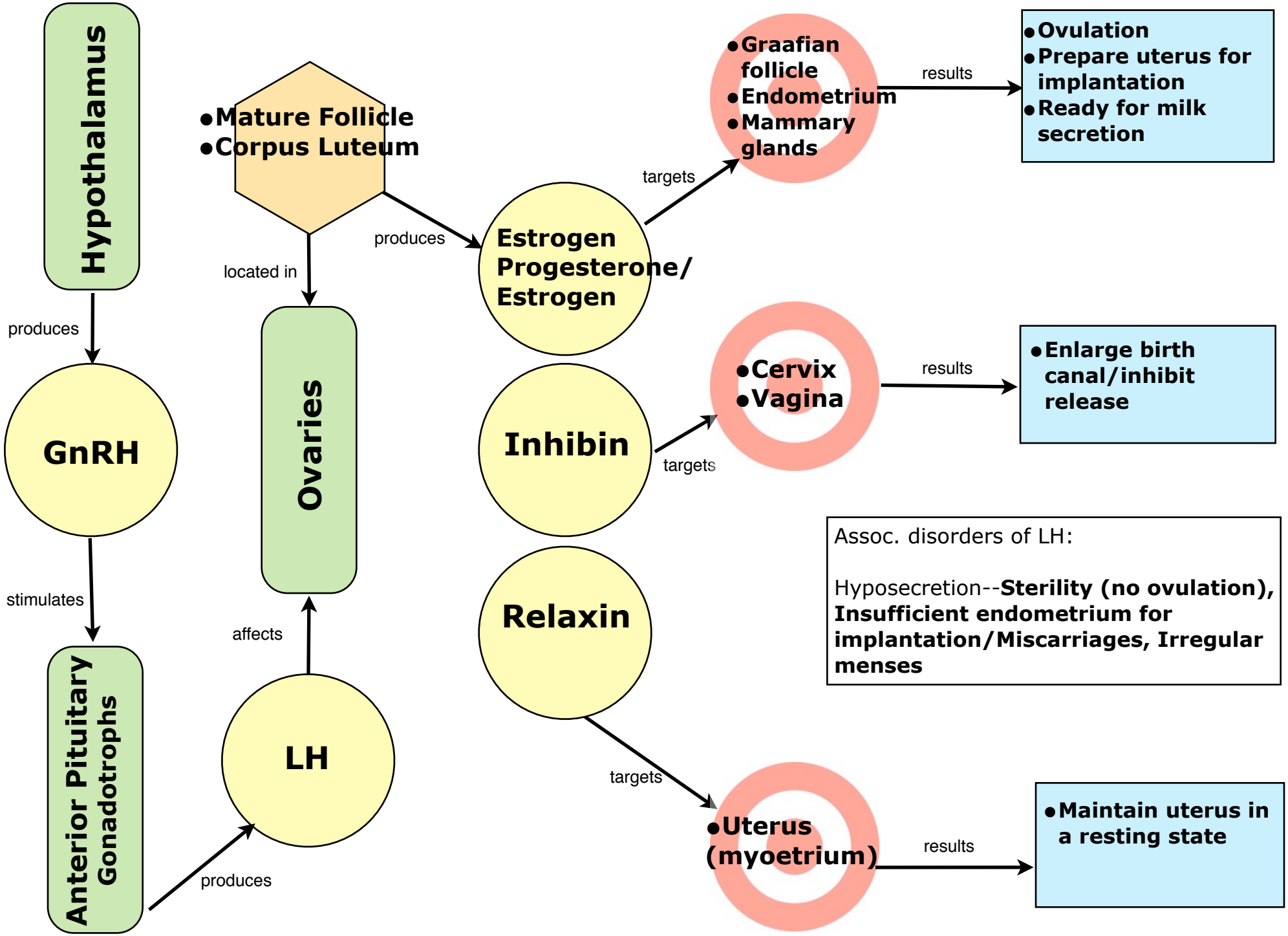
Hypothalamus
produces
GnRH
stimulates
Anterior Pituitary Gonadotrophs
produces
LH
affects
Ovaries
located in
•Mature Follicle
•Corpus Luteum
produces
Estrogen Progesterone/ Estrogen
Inhibin
Relaxin
targets
•Graafian follicle
•Endometrium
•Mammary glands
results
•Ovulation
•Prepare uterus for implantation
•Ready for milk secretion
targets
•Cervix
•Vagina
results
•Enlarge birth canal/inhibit release
targets
•Uterus (myoetrium)
results
•Maintain uterus in a resting state
Assoc. disorders of LH:
Hyposecretion--Sterility (no ovulation), Insufficient endometrium for implantation/Miscarriages, Irregular menses