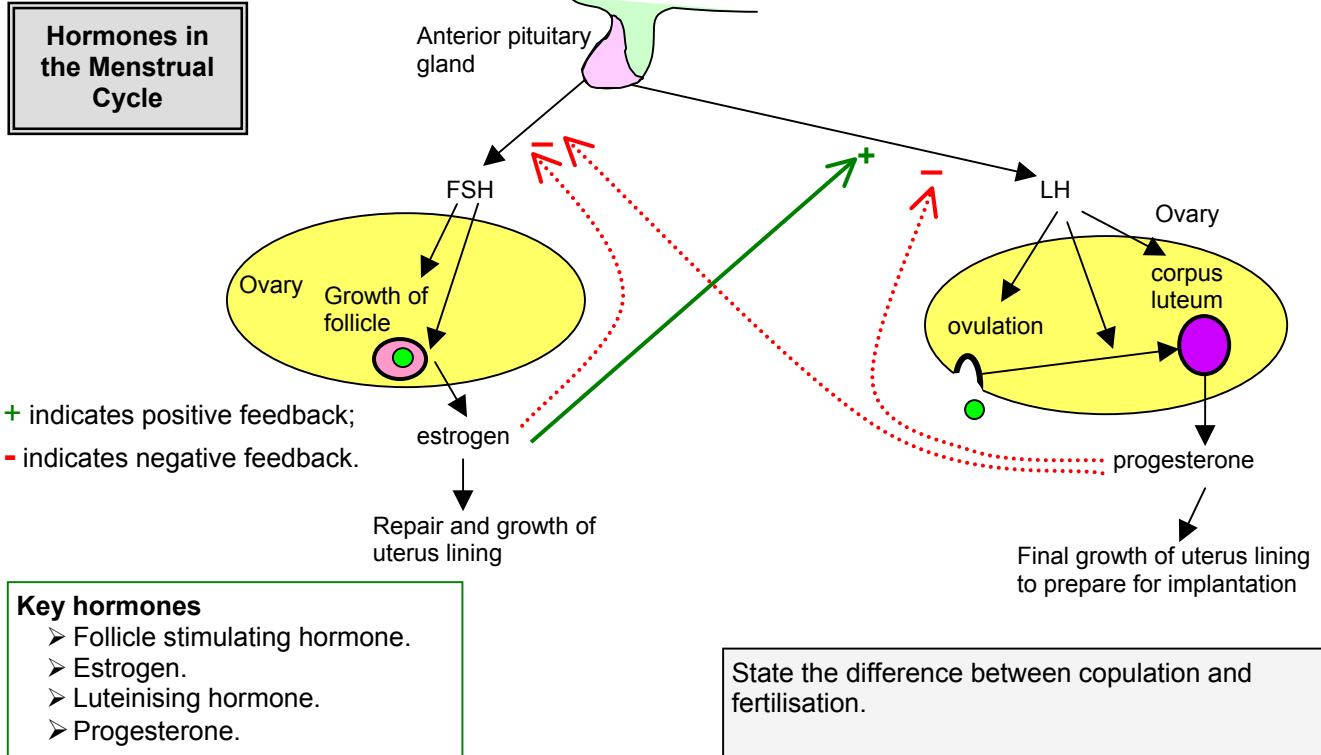


Interactions of Hormones in the Menstrual Cycle.



Key steps

Note – the number of bullet points corresponds to the number of arrows from each hormone.

- FSH released from anterior pituitary.
 - stimulates growth of follicle;
 - stimulates secretion of estrogen.
- Estrogen released from follicle cells.
 - stimulates repair and growth of uterus lining;
 - negative feedback on pituitary to block FSH release;
 - positive feedback on pituitary in middle of cycle to release LH.
- LH released from anterior pituitary.
 - stimulates ovulation;
 - stimulates conversion of empty follicle to corpus luteum;
 - stimulates secretion of estrogen and progesterone by corpus luteum.
- Progesterone released from corpus luteum.
 - stimulates final growth of uterus lining;
 - negative feedback on pituitary blocking FSH;
 - negative feedback on pituitary blocking LH.

Early Embryo Development

