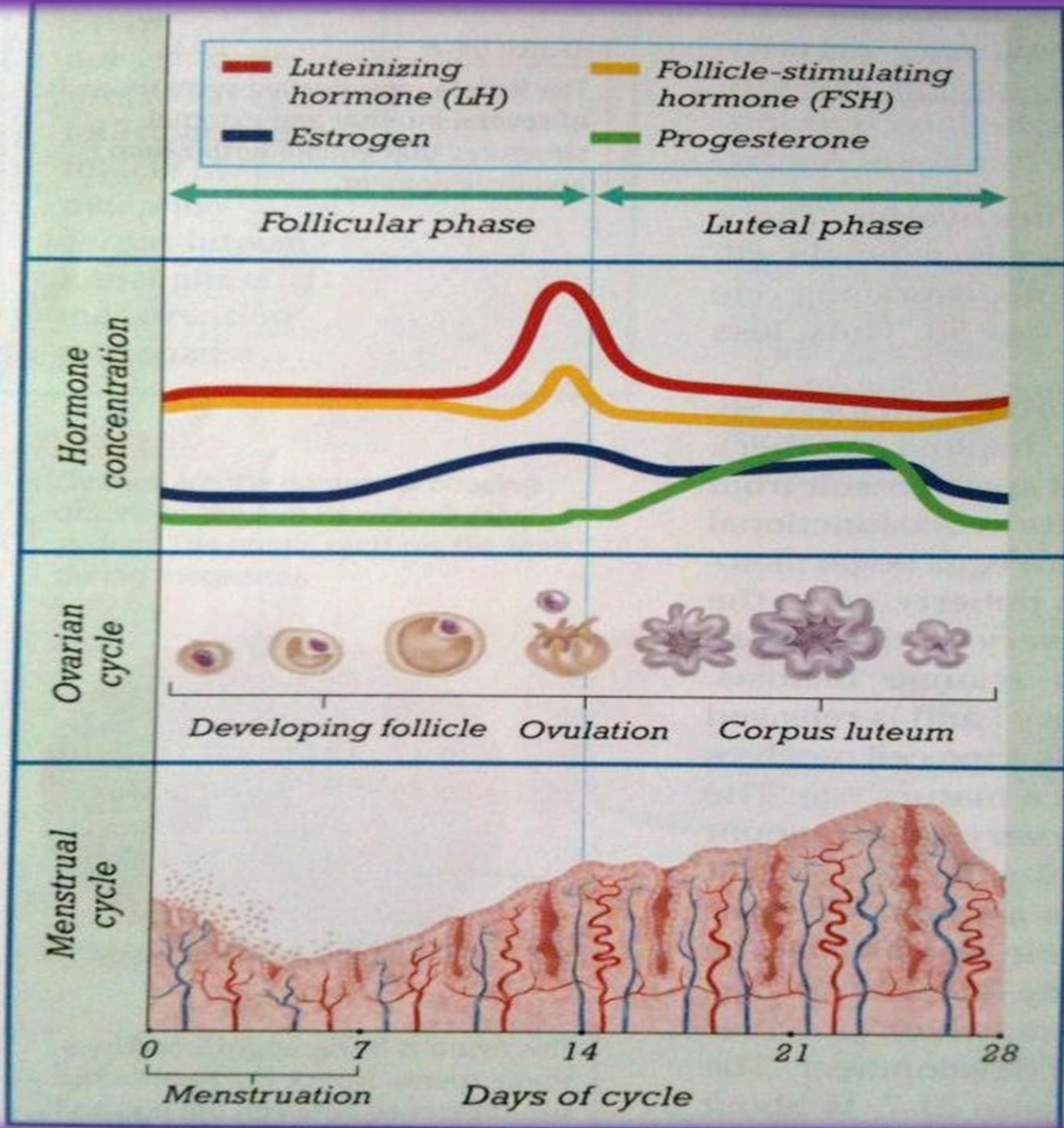


HORMONE REGULATION



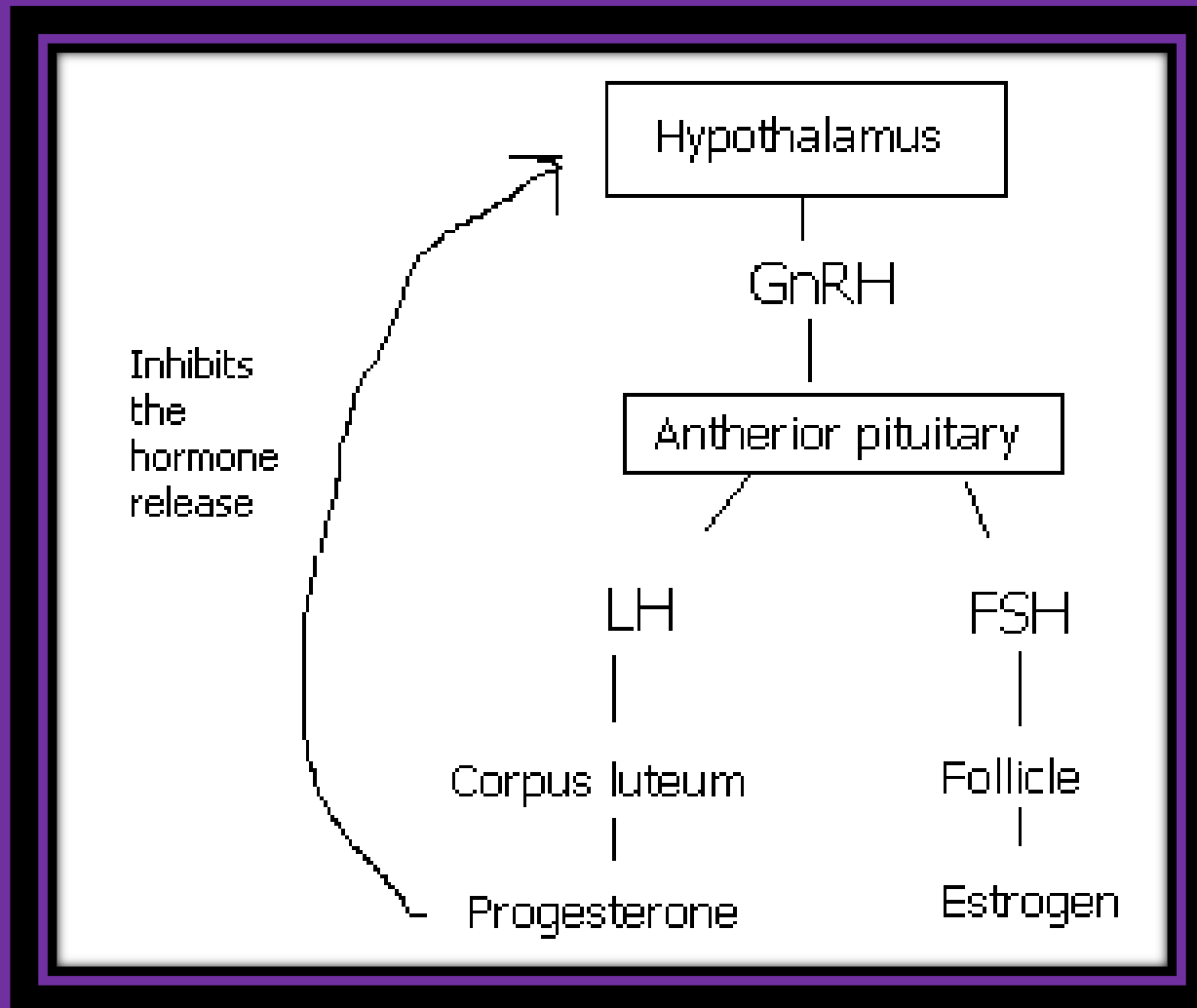
Vocabulary

- **Hormone:** A substance that is secreted by cells and that acts to regulate the activity of other cells.
- **Hypothalamus:** Region of the brain that coordinates the activities of the nervous and endocrine systems.
- **GnRH:** Hormone that stimulates the anterior pituitary to release FSH and LH.
- **Pituitary:** Gland located in the base of the brain and produce different hormones.

- **LH:** Hormone produced by the anterior pituitary that stimulates testosterone production and the development of the follicle, ovulation and production of the corpus luteum.
- **FSH:** Hormone produced by the anterior pituitary that stimulates spermatogenesis in males and the development of the follicle in females.
- **Progesterone:** a hormone, produced by the corpus luteum in the ovary, and that promotes the development of the uterine lining in females.

- **Estrogen:** female sex hormone , produced by the follicle cells in the ovary, that stimulates the follicle development, oogenesis, sexual characteristics and growth of the uterine lining.
- **Testosterone:** Hormone produced by the cells inside the testes; stimulates spermatogenesis and the development of male secondary sexual characteristics.

Female hormone regulation



Male hormone regulation

