

## Regulation of sex steroids and gametogenesis

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Hypothalamus



Secretes what to stimulate anterior pituitary? \_\_\_\_\_



Pituitary gland secretes what 2 hormones? \_\_\_\_\_

which causes:

\_\_\_\_\_ what to happen to spermatogonia in seminiferous tubules?

\_\_\_\_\_ what hormone to be produced by leydig cells of testes?

\_\_\_\_\_ what to happen to oogonia in ovaries?

\_\_\_\_\_ what hormone(s) to be produced in ovaries?

Stimulus = testosterone, estrogen, or progesterone in blood is too high

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Hypothalamus



What is inhibited? \_\_\_\_\_

which causes:

\_\_\_\_\_ what to be inhibited in anterior pituitary?

\_\_\_\_\_ what to be inhibited in terms of oogenesis or spermatogenesis

\_\_\_\_\_ what to be inhibited in terms of steroidogenesis?

\_\_\_\_\_ what happens with ovulation?