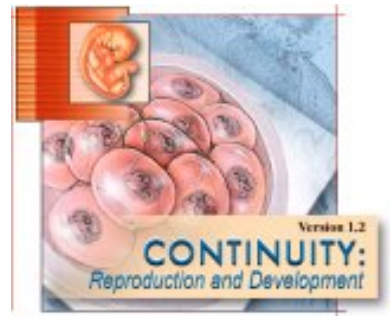


Hormonal Growth of Male Reproductive Function

Directions:

- a. Click the "Contents" button.
- b. Open the *Reproductive System* File.
- c. Click *Animations*.
- d. Click *Hormonal Growth of Male Reproductive Function*.



Introduction

1. What organs are involved in hormonal control of male reproductive functions? _____



Hormonal Control of Male Reproductive Functions

2. a. Describe *gonadotropin releasing hormone (GnRH)* production. _____

b. Describe GnRH affects on the male anterior pituitary. _____

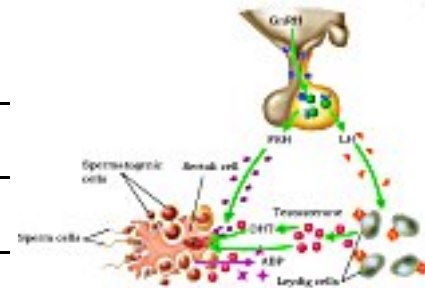


3. What affect does *luteinizing hormone (LH)* have on the testes? _____

4. a. What affect does *testosterone* and *FSH* have on the testes? _____

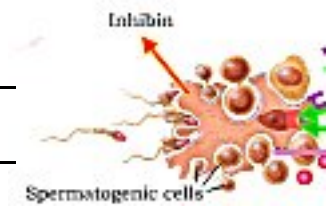
b. What affect is the affect of *androgen-binding protein?* _____

5. If you haven't summarized it already, what affect does testosterone have on spermatogenesis?



6. How do testosterone and DHT affect male prenatal development? _____

7. Describe *inhibin* secretion. From where? Why? Effect? _____



8. Explain the negative feedback loop that regulates spermatogenesis at homeostatic levels. _____
