

Endocrine Glands and Hormones

1. What is the difference between the Nervous and Endocrine system?
2. What are sources of hormones?
3. What components build a hormone?
4. What is a peptide and what are the peptide hormones?
5. What is a protein and what is the protein hormone?
6. What is a glycoprotein and what are the glycoprotein hormones?
7. What are the steroid hormones and can they be administered orally?
8. What is the precursor to steroid hormones?

9. Polypeptide and protein hormones are made out of what bonds? How can they NOT be administered?
10. Where is the receptor located for protein and peptide hormones?
11. What are the key enzymes involved with synthesis of steroid hormones?
12. True/False: Steroid hormones can be given orally
13. Where is the receptor located for steroid hormones?
14. Where is the receptor located for prostaglandin hormones?
15. Where is melatonin produced from?
16. What is the difference between Antagonist and Agonist?
17. What does the strength of hormone action depend on?
18. How do peptide & protein hormones stimulate a cellular effect? (NEED 2nd MESSENGER)

19. What are the steps needed for steroid hormones to stimulate cellular effect? (SLOW & FAST)

20. How are hormones metabolized in the body?