

Endocrine System: Endocrine System Review

1. Hormones act at specific target organs because these organs contain _____ specific for the hormones.
2. Growth hormone, secreted by the _____ gland, stimulates growth of bones and muscle.
3. _____ (hormone) from the anterior pituitary stimulates secretion of cortisol from the _____ (gland). The anterior pituitary consists of _____ tissue.
4. The parafollicular cells of the _____ gland produce _____, a peptide hormone that lowers plasma calcium levels.
5. Hormones secreted by the pancreatic islets of the pancreas include _____ from the α cells and _____ from the β cells. Which of these hormones raise blood glucose levels?
6. _____ (hormone) is a stimulus for sperm production in the male and maturation of ovarian follicles in the female.
7. _____, secreted by the pineal gland, helps regulate body activities with the light-dark cycle.
8. The outermost layer of the adrenal cortex primarily produces the hormone _____, which acts on the _____ (organ) to increase _____ (electrolyte) reabsorption.
9. The _____ (gland) is a modified sympathetic ganglion producing the amine hormones known as _____. This category of amine hormones includes both _____ and _____ (two hormones).