



Endocrine System - Basic diagram

Terms in this set (8)

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| Thyroid Gland | Responsible for growth and maturation of tissues, neurological development and functioning, alteration of fat, glucose and protein metabolism |
| Pituitary Gland | Anterior lobe secretes tropic hormones affecting function of specific target organs |
| Hypothalamus | Contains neurosecretory cells and connects to the anterior pituitary via hypophysial portal vessels and posterior pituitary via nerve tract (hypothalamohypophysial tract) |
| Thymus | Central lymphoid tissue for T-lymphocytes. Location of clonal diversity where T-lymphocytes are sensitized to recognize a specific antigen. |
| Adrenal Glands | Composed of the medulla (epinephrine and norepinephrine) and cortex (mineralocorticoids, glucocorticoids, and androgens). Responsible for stress response and effects metabolism, energy levels, immunity. |
| Pancreas | Regulates blood sugar. Alpha cells secrete |

Endocrine System - Basic diagram

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| Ovaries | Secretes estrogen and progesterone. Responsible for growth and maturation of female reproductive organs and ovulation. |
| Testes | Secretes testosterone. Responsible for sperm production and secondary sex characteristics of males. |