



# Endocrine System

🔥 9 studiers in the last day

## Terms in this set (28)

Pineal gland (Epiphysis)	Produces melatonin, connected with epithalamus, referred to as the "third eye"
Pituitary gland	located at the base of the brain, considered "master gland"
Hypothalamus	lower part of Diencephalon - brain region controlling the pituitary gland
Thyroid gland	Produces hormones thyroxine, (control metabolism and growth) located below the voice box in the neck
Parathyroid glands	secretes parathormone (controls metabolism of calcium and phosphate) 4 tiny glands embedded in the posterior part of the thyroid
Thymus	thymosin, later only lymphoid tissue - found in the thoracic cavity above the heart where T lymphocytes mature

## Endocrine System

Adrenal glands	<p>secretes adrenaline which helps deal with stress and accelerates the heart and breathing rates</p> <p>Located on top of the kidneys</p>
Pancreas	<p>gland with mixed secretion - produces insuline, glucagon (regulate glucose levels) + digestive enzymes</p>
Ovaries	<p>glands with mixed secretion: produce estrogen, progesterone + ova),</p> <p>Female gonads</p>
Testes	<p>glands with mixed secretion (produce testosterone + sperms)</p> <p>Male gonads</p>
hypothalamus	<p>part of Diencephalon controlling the pituitary gland</p>
Endocrine Primary Function	<p>regulates overall metabolism, homeostasis, growth and reproduction</p>
what does the endocrine system work together with?	<p>nervous system to maintain homeostasis</p>
Glands	<p>organs that specialize in the secretion of substances needed by an organism</p>
Hormones	<p>chemical messengers produced by endocrine glands; absorbed into blood vessels and will contact all cells of the body</p>