

Pituitary gland - what is another name for this gland? _____

The stalk like structure called the _____ attaches the pituitary to the _____, which controls the secretion of the pituitary.

Pituitary gland has two lobes. The posterior pituitary gland is called the _____ and the anterior pituitary gland is called the _____

The _____ is a downgrowth from the brain and is composed of neural tissue.

Hormones from the neurohypophysis are regulated _____

Hormones from the adenohypophysis are regulated _____

Oxytocin-

ADH-

GH-

TSH-

ACTH-

FSH-

LH-

PRL-

Thyroid gland consists of three main parts: _____, _____, and _____

Two hormones are secreted from the thyroid. _____ is stored in follicle lumen, and _____ is produced by the parafollicular cells.

Thyroid hormone is regulated _____

Effects of TH:

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-
-

Calcitonin is regulated _____

Higher-than-normal doses inhibits _____, prevents _____, and stimulates _____

Parathyroid gland contains _____ that secrete _____

PTH is regulated _____

Functions of PTH:

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-
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Adrenal gland - what is another name for this gland? _____

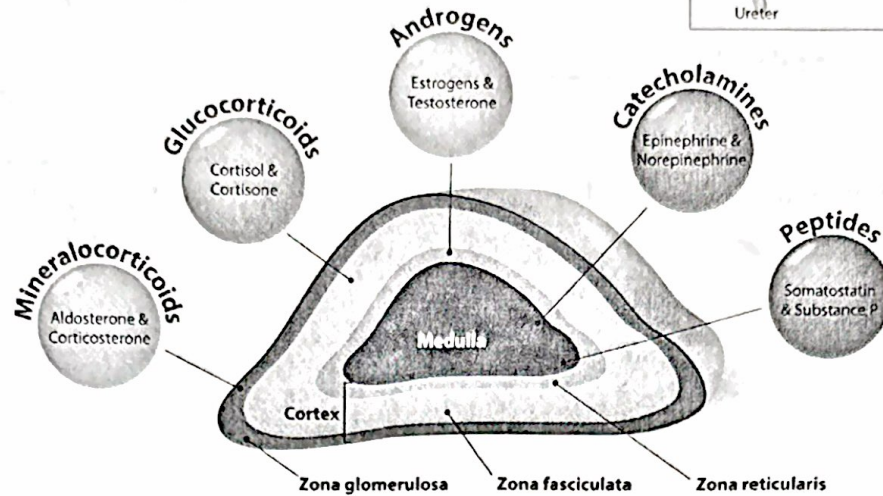
The two main parts of the adrenal gland are the _____ and the _____

The adrenal cortex produces hormones collectively called _____

The three main layers of the adrenal cortex are _____, _____, and _____

ADRENAL GLAND

(hormones)



Aldosterone is regulated _____, _____, and by _____

What is the main function of aldosterone? _____

Cortisol is regulated _____

Cortisol functions:

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-

Gonadocorticoids are _____ that are regulated _____ and contribute to:

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-
-

The adrenal medulla contains _____ cells that synthesize catecholamines _____ and _____

Catecholamine effects:

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These hormones are regulated _____

Pineal gland is composed of cells called _____ that secrete the hormone _____

Melatonin effects:

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-
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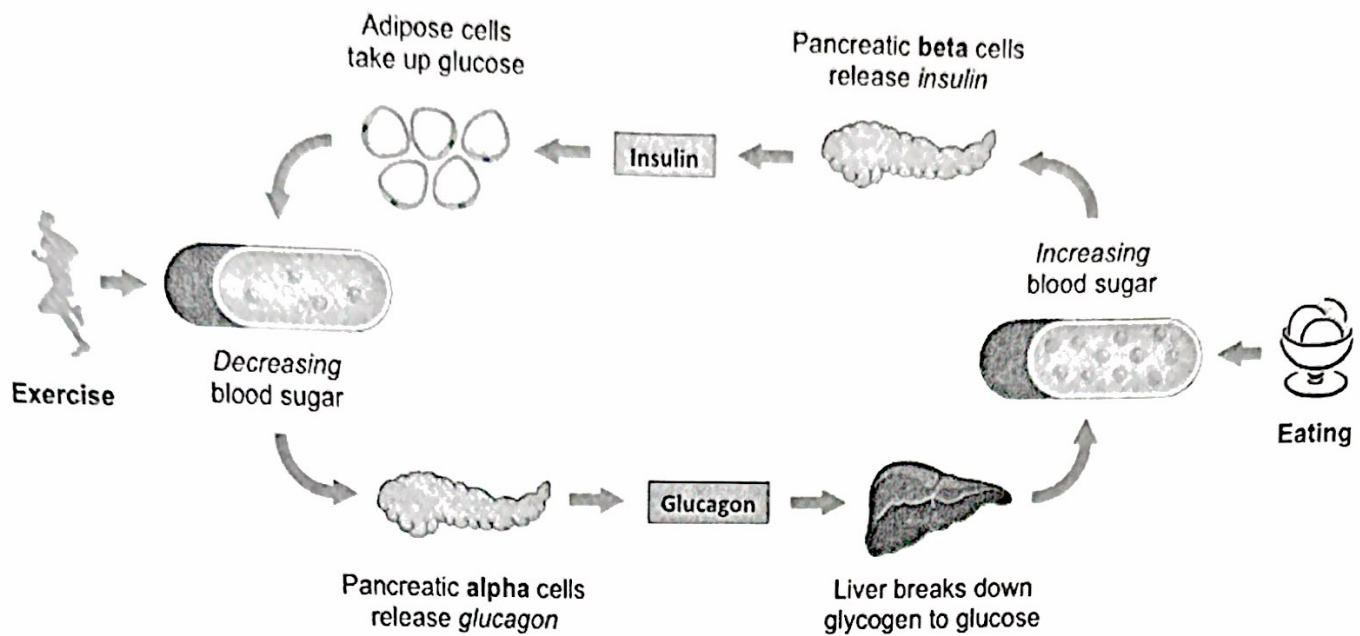
The pancreas contains both _____ and _____ cells.

The _____ are the exocrine cells.

The _____ contain endocrine cells.

Within the pancreatic islets, alpha cells produce _____ and beta cells produce _____

Both hormones are regulated _____



Within the gonads, _____ produce estrogen and _____, and testes produce _____

Gonadal hormones are regulated _____

Estrogen functions:

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Testosterone functions:

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-
-
-

The thymus gland is large in _____, and diminishes in size with age. It produces the hormone _____

Thymosins are essential to production and programming of _____