

Flashcards For Endocrine System PDF

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What is the primary function of the endocrine system?

The primary function of the endocrine system is to regulate various bodily functions through the release of hormones.

Name the major glands of the endocrine system.

The major glands of the endocrine system include the pituitary gland, thyroid gland, adrenal glands, pancreas, and gonads (ovaries and testes).

What hormone is produced by the pancreas to lower blood sugar levels?

Insulin is the hormone produced by the pancreas to lower blood sugar levels.

Which gland is often referred to as the 'master gland' of the endocrine system?

The pituitary gland is often referred to as the 'master gland' of the endocrine system because it regulates the functions of other endocrine glands.

What is the role of the thyroid gland?

The thyroid gland produces hormones that regulate metabolism, energy levels, and overall growth and development.

What hormone is responsible for the fight or flight response?

Adrenaline (epinephrine) is the hormone responsible for the fight or flight response.

How do hormones travel through the body?

Hormones travel through the body via the bloodstream to target organs and tissues.

What is the function of the adrenal glands?

The adrenal glands produce hormones that help regulate metabolism, immune response, blood pressure, and stress response.

What is the role of the gonads in the endocrine system?

The gonads (ovaries and testes) produce sex hormones that are involved in reproduction and the development of secondary sexual characteristics.

What is homeostasis and how does the endocrine system contribute to it?

Homeostasis is the maintenance of a stable internal environment in the body. The endocrine system contributes to homeostasis by releasing hormones that regulate various physiological processes.