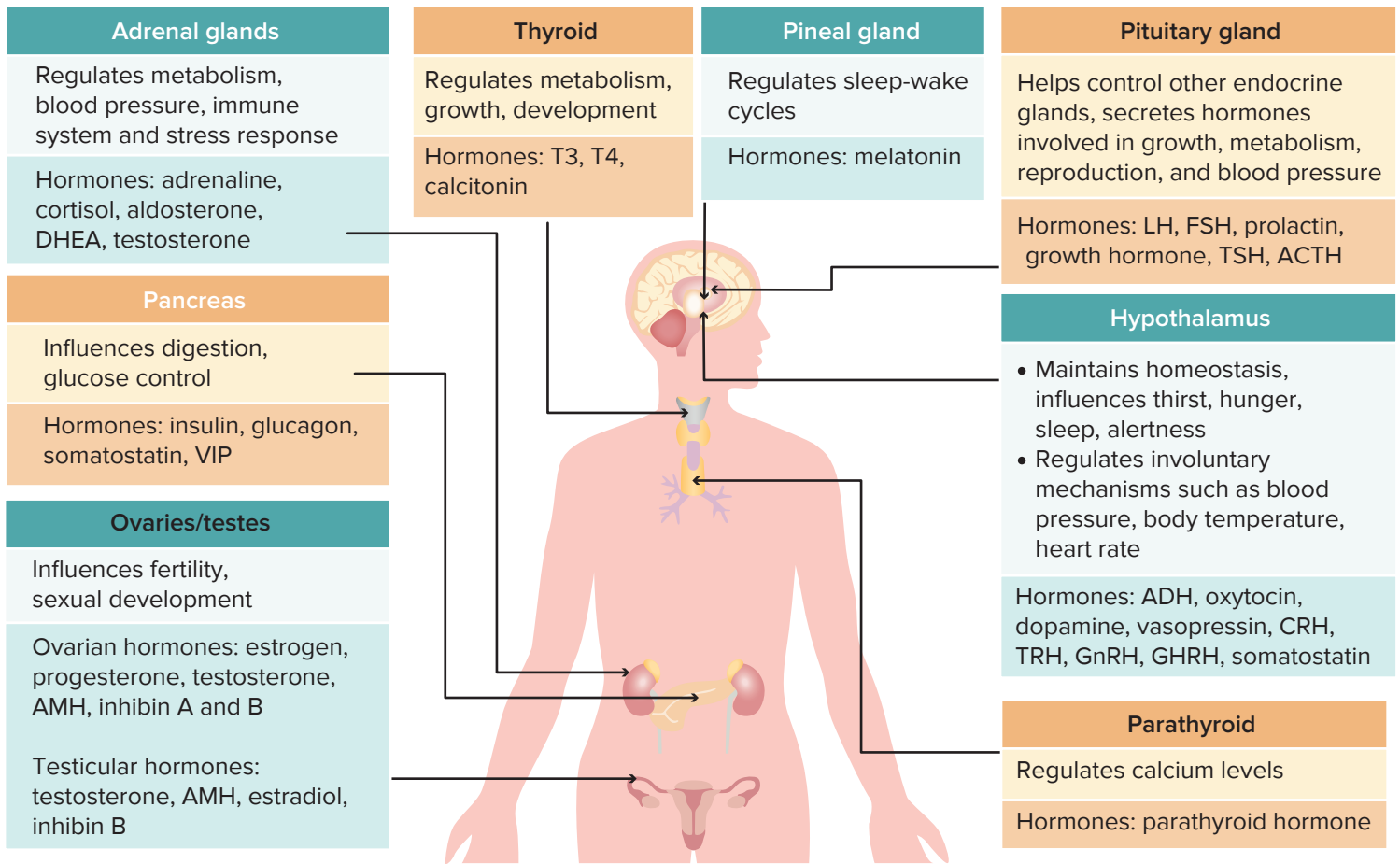


# ENDOCRINE SYSTEM



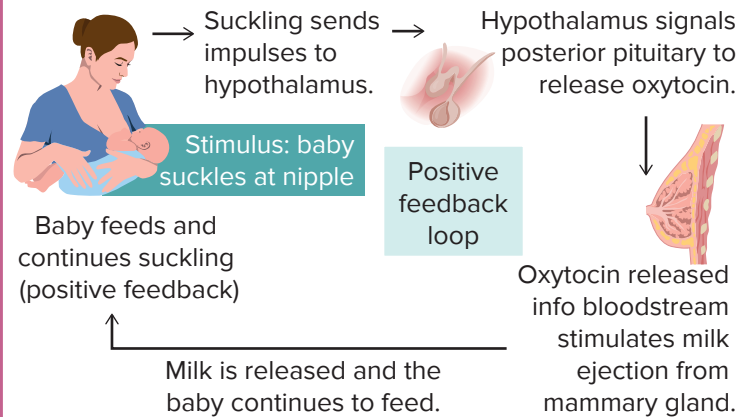
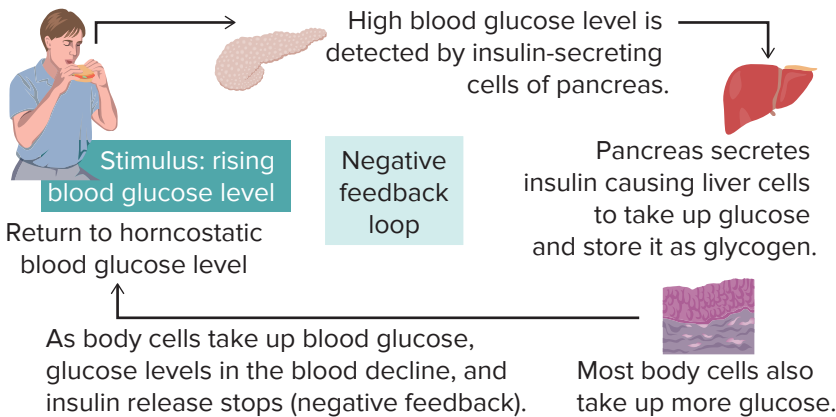
The endocrine system is a collection of glands that produce chemical messengers, called hormones, which are secreted into the bloodstream and travel to various organs and tissues, affecting how they function. The endocrine system acts in coordination with the nervous system to control and integrate body processes.



## Endocrine Feedback Loops

Feedback loops play an important role in the endocrine system.

In a negative feedback loop, the body increases or decreases the amount of hormones to maintain homeostasis. Positive feedback loops are less common in the body. In a positive feedback loop, hormones cause further hormone release, leading to increasing hormone levels, rather than maintaining levels within a homeostatic range.



## NOTES

