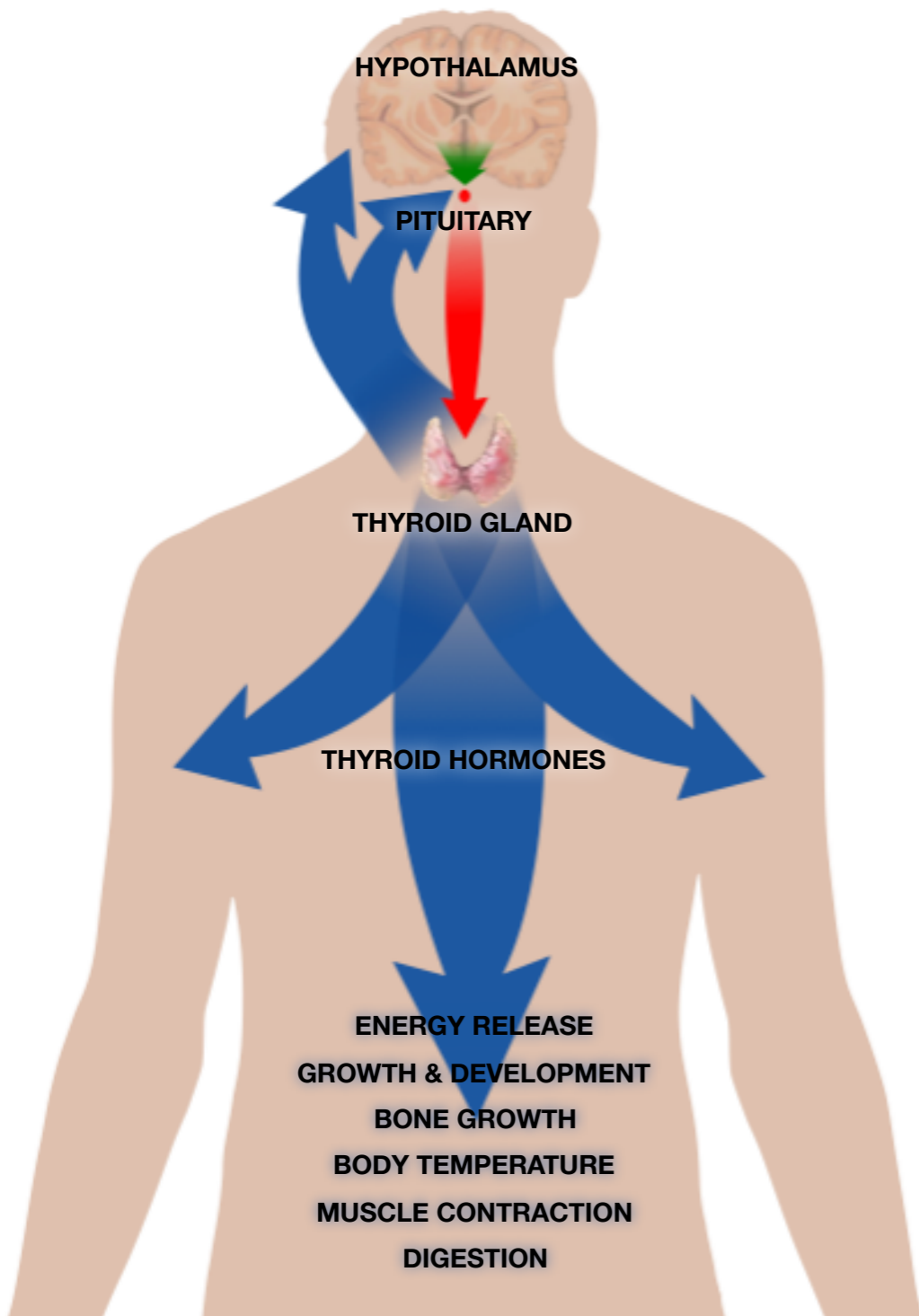


The next generation of thyroid testing - more than just thyroid function. Discover how your genes control the production of thyroid hormones, and how variations in your DNA might impact on their effectiveness, and ultimately your health.



TRHR

This gene regulates the pituitary gland's receptivity to TRH which stimulates the secretion of TSH

TSHR & PDE8B

These genes play a central role in thyroid metabolism by controlling the thyroid gland's receptivity to TSH and TSH signalling respectively

DIO1 & DIO2

These genes regulate the conversion of T4 to T3 and the clearing of rT3 from circulation

COMT & FKBP5

These genes are involved in the body's response to stress and detoxification of compounds that impact thyroid hormone levels

TNF-alpha

This gene impacts the body's response and susceptibility to inflammation and infection both of which affect thyroid function