

# Thyroxin Production

THYROXIN = metabolism + heat production

- Hypothalamus secretes THYROTROPIN HORMONE (TRH), stimulating the anterior pituitary to secrete TSH (Thyroid Stimulating Hormone), causing the THYROID to produce Thyroxin (T<sub>4</sub>)

→ Thyroxin travels in blood, causing ↑ metabolism and ↑ heat.

- Excess of T<sub>4</sub> (Thyroxin) will reverse this... decreasing TRH, lowering metabolism + heat production.