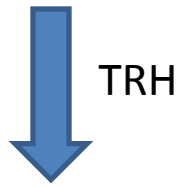


# Hypothalamus (Brain)



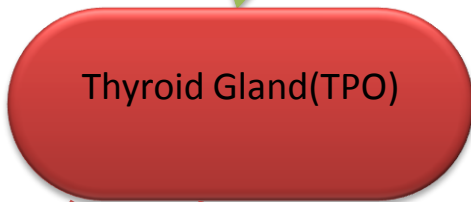
TRH



(Brain)

Growth Hormone  
(Tissue Repair)

TSH



Thyroid Gland(TPO)

ACTH

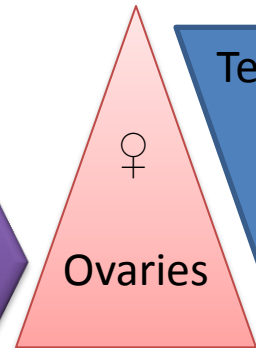
LH

T4 (97%)

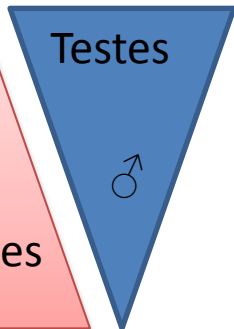
T3 (3%)



Adrenal Gland



Ovaries



Testes

“Taxi Cab”

T B G

T4 → T3 (active)

60% Liver  
20% Gut  
20% other tissues

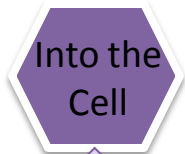
## CORTEX:

Cortisol  
Aldosterone  
Progesterone  
DHEA

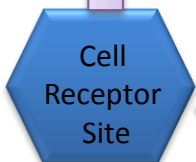
## MEDULLA:

Epinephrine  
Norepinephrine

♀ Menstrual Cycle  
♂ Testosterone



Into the Cell

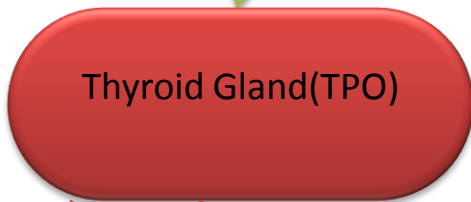


Cell Receptor Site

Free T3 (no TBG)

Growth Hormone  
(Tissue Repair)

TSH



Thyroid Gland(TPO)

ACTH

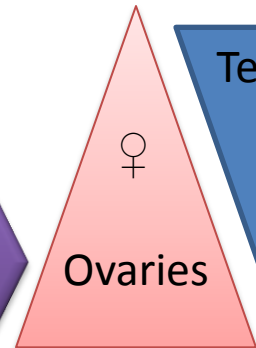
LH

T4 (97%)

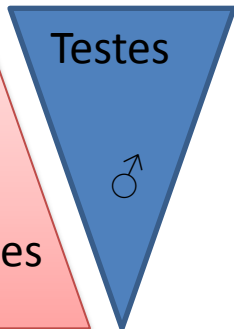
T3 (3%)



Adrenal Gland



Ovaries



Testes

“Taxi Cab”

T B G

T4 → T3 (active)

60% Liver  
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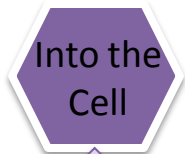
## CORTEX:

Cortisol  
Aldosterone  
Progesterone  
DHEA

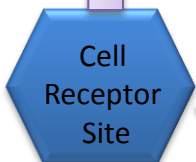
## MEDULLA:

Epinephrine  
Norepinephrine

♀ Menstrual Cycle  
♂ Testosterone



Into the Cell



Cell Receptor Site

Free T3 (no TBG)