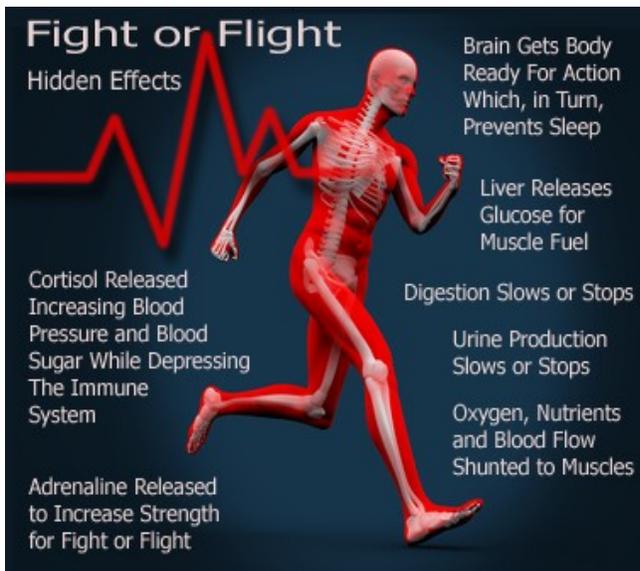


## Fight or Flight

Hidden Effects



Brain Gets Body Ready For Action Which, in Turn, Prevents Sleep

Liver Releases Glucose for Muscle Fuel

Cortisol Released Increasing Blood Pressure and Blood Sugar While Depressing The Immune System

Digestion Slows or Stops

Urine Production Slows or Stops

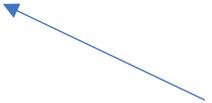
Oxygen, Nutrients and Blood Flow Shunted to Muscles

Adrenaline Released to Increase Strength for Fight or Flight

# Circulatory System



More blood to the  
heart as it beats  
faster



# Scared Sheep



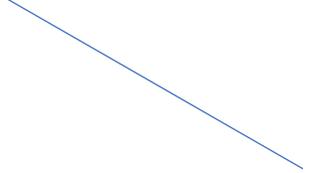
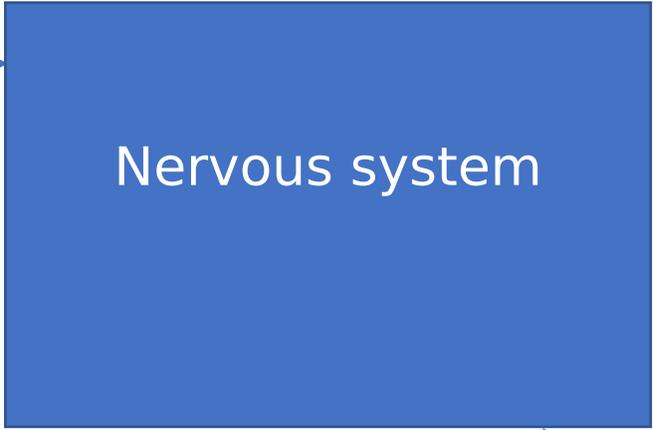
Renal System

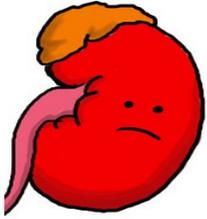
# Respiratory System

## The Physiology of Fight or Flight What we know is happening...



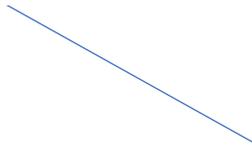
Increased breathing rate





I make pee...

HH

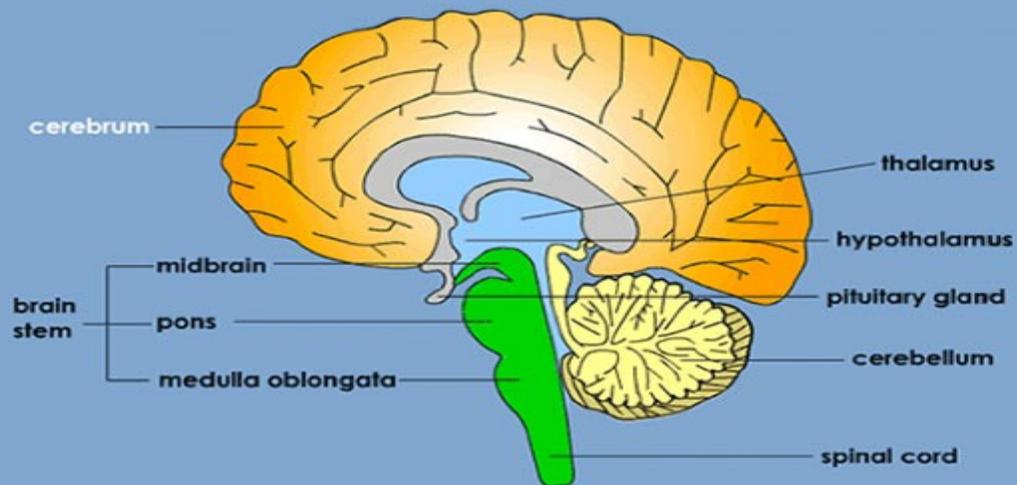


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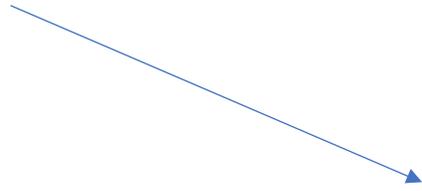
Hormones from nervous system saying the sheep is scared allow the renal system to release waste

# The Brain and Nervous System

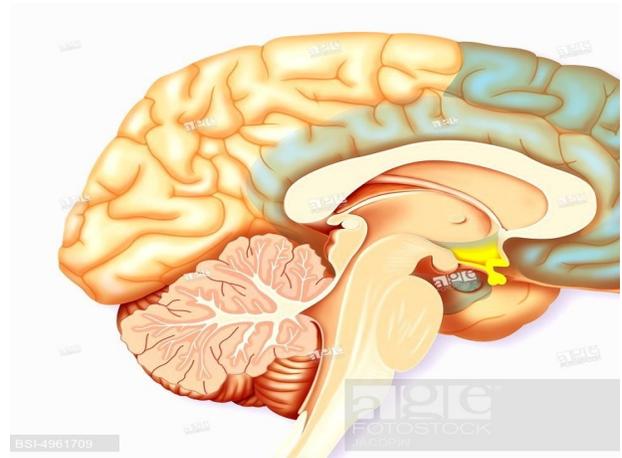
## Slideshow



Nervous system sends signals that the sheep are scared



ocrine System



Produces hormones indicating the stress in a scared



mones  
sheep is  
mood