Homeostasis

• Maintain core body temperature 37.2-37.6 °C
• Control center - hypothalamus
• Receptors
• Effectors

Burns

• 1st degree - epidermis
• 2nd degree - epidermis & papillae region
• 3rd degree - entire dermis

Wound healing

• Epidermal wound healing
• Deep wound healing
  - inflammation
  - scar tissue

Nervous System

• Neuro = nerve
• Neuron = nerve cell
• Neurology
• Neurologist

General Functions

• Homeostasis
• Perception
• Memory
• Behavior
• Voluntary movement
Nervous tissue
• Neuron = nerve cell
  generates electrical signals
• Neuroglia = “nerve glue”
  support & protect

Two main divisions
• Central Nervous System (CNS)
  => brain & spinal cord
• Peripheral Nervous System (PNS)
  => nerve structures outside the CNS

Neuron Functions
• Sensory = senses changes in & outside of the body (=> receptor)
• Integrative = interprets change (=> control center)
• Motor = responds to interpretation by initiating a body response (=> effector)