

Endocrine Communication Project

Purpose: Create a drawing or stop motion video of the neural pathway to the gland with release of the hormone and the action of the hormone on the target cell

- **Choose one of the following hormones to research**: any anterior or posterior pituitary hormone, epinephrine, norepinephrine, or melatonin

Neuron

- Picture of neuron coming from the spinal cord or brain to the gland (5pts) _____
- 8 parts of neuron labeled (10pts) _____
- Electrical impulse steps labeled (20pts) _____
- Synapse parts labeled (5pts) _____
- Steps of synaptic signaling labeled (15pts) _____

Gland

- Accurate picture of the gland (5pts) _____
- Show the hormone being released with name of hormone labeled (5pts) _____

Hormone Action

- Correct target cell identified (5pts) _____
- Steps of cell communication with cell response – include specific steps for your hormone (15pts) _____ and the general names of the steps from Ch11 (15pts) _____