

# Chapter 13

## The Nervous System

### A. Basic anatomy and the neuron

### B. Movement of Information...

1. ...along a neuron
  - a. resting potential
  - b. threshold
  - c. action potential
2. ...from neuron to neuron
  - a. the synapse
  - b. neurotransmitters

### C. Information

1. Input (senses and receptors)
  - a. general versus special
  - b. Eye
  - c. Ear
2. Processing Brain (basic anatomy and functions)
3. Output (motor)
  - a. Muscle anatomy / contraction
  - b. myosin / actin /  $\text{Ca}^{++}$  / ATP

### D. Information

Procedural versus declarative

### E. Imbalances