

Chapter 10

- The autonomic division
- The somatic motor division

Efferent Division of the Peripheral Nervous System

- Somatic motor neurons
 - Control skeletal muscles
 - Mostly voluntary
- Autonomic neurons
 - Control smooth and cardiac muscle, many glands, lymphoid and some adipose tissues
 - Mostly involuntary
 - Sympathetic branch is fight-or-flight
 - Parasympathetic branch is rest-and-digest
 - Works with endocrine and behavioral state systems to maintain homeostasis

THE AUTONOMIC DIVISION

Homeostasis is a dynamic balance between the autonomic branches.

