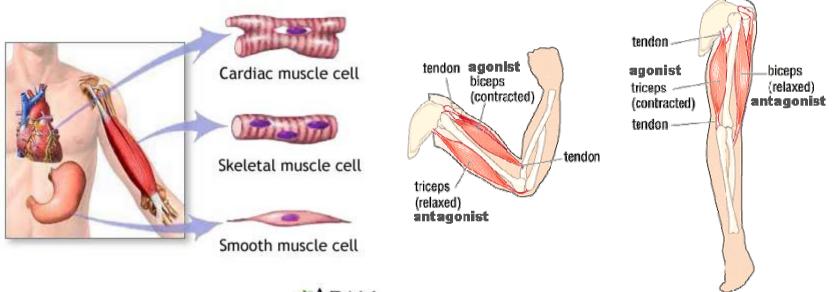
Chap 6. movement

Robot

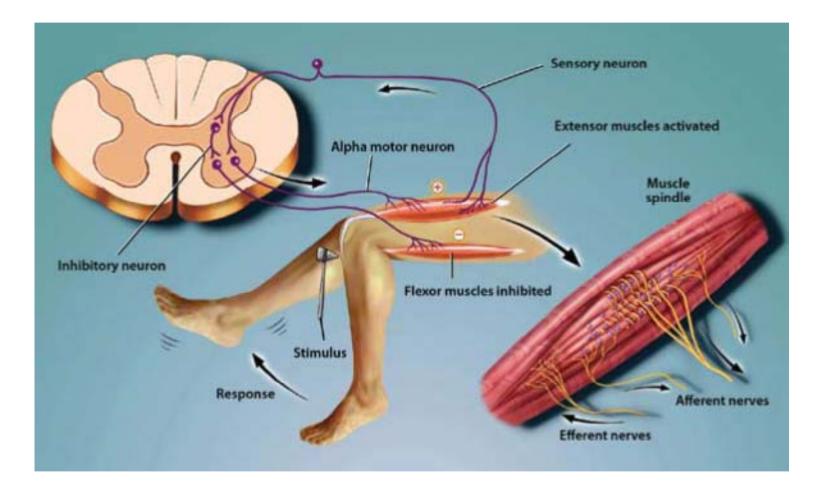


ADAM.

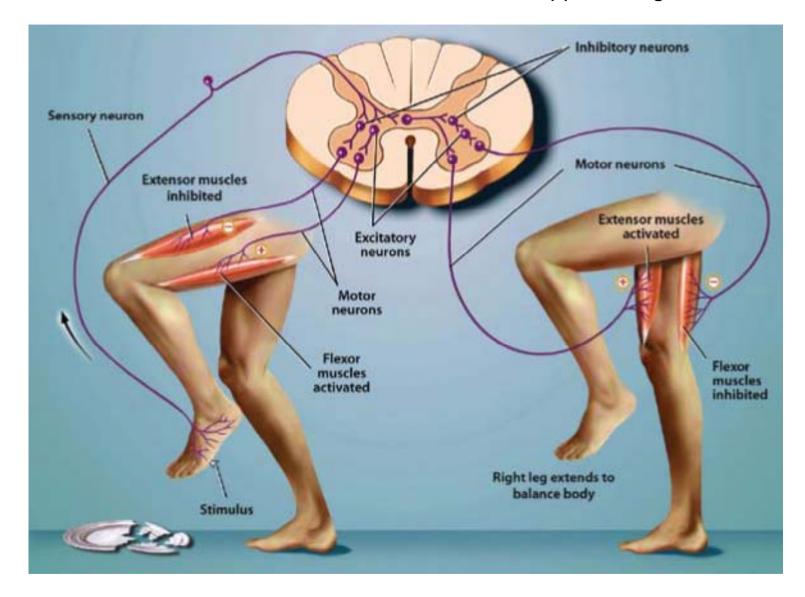
Robot muscle

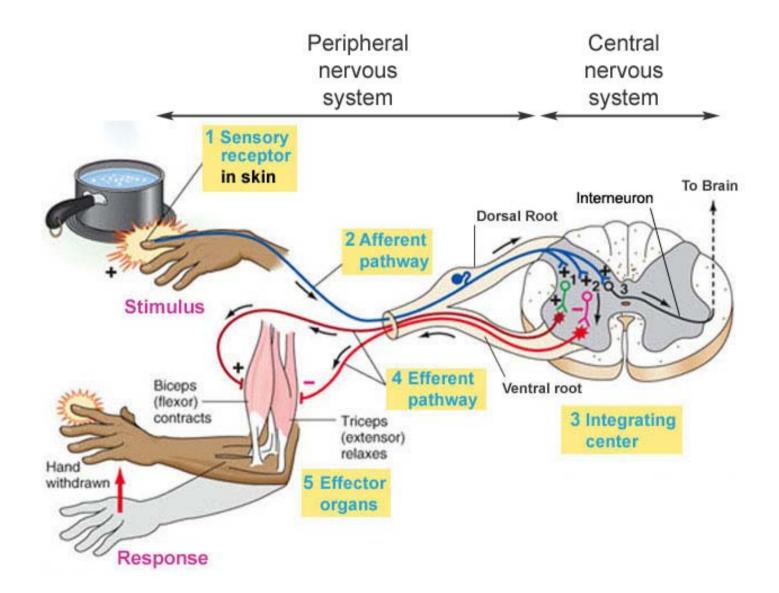
Muscle contraction

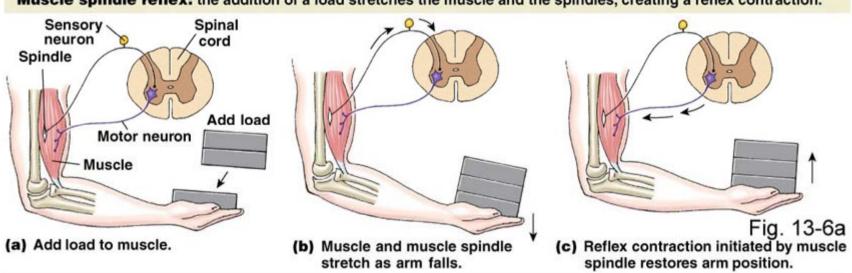
reflexes



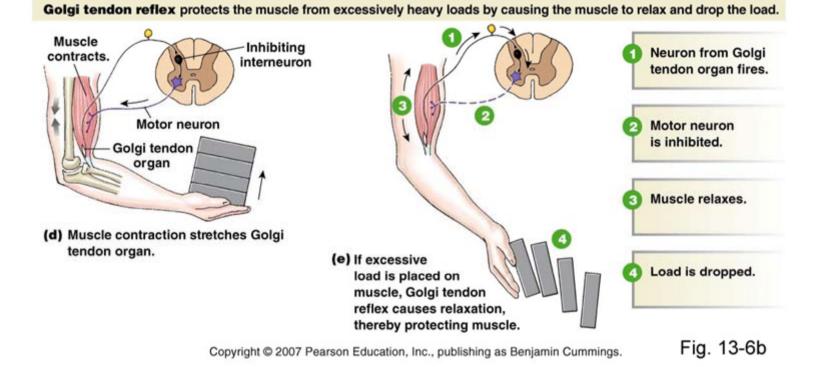
flexion withdrawal: crossed extension reflex in the opposite leg



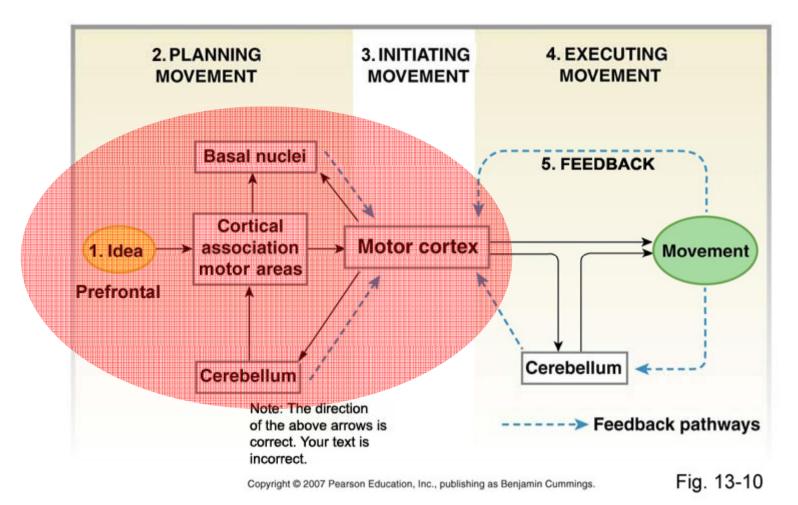


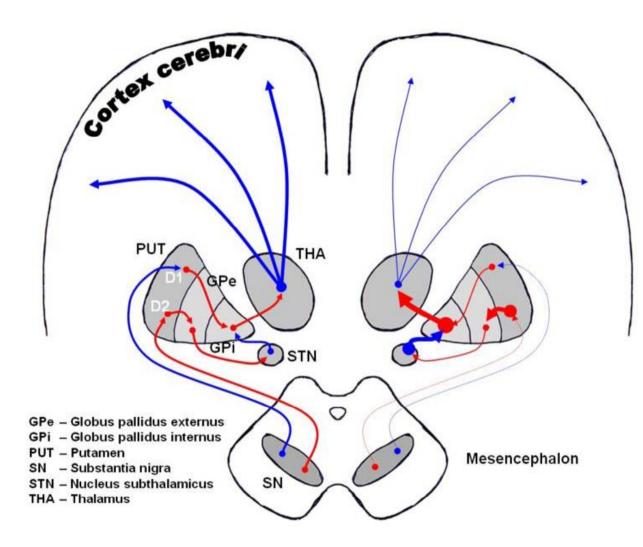


Muscle spindle reflex: the addition of a load stretches the muscle and the spindles, creating a reflex contraction.



Integration of voluntary movements





The image shows dopaminergic pathways of the human brain in normal condition (left) and Parkinsons Disease (right). Red Arrows indicate suppression of the target, blue arrows indicate stimulation of target structure