

Homework Assignment #8

1. Re-summarize the general processes of muscle contraction (in Lecture Note 15) from action potentials in CNS to the movements of actin and myosin filaments. Starting from the motor nerve fiber, explain what is happening at the motor end plate.
2. Summarize the details about Excitation-Contraction Coupling and Cross-bridge cycles.
3. Summarize the ATP generation processes in skeletal muscle
4. Summarize differences between fast muscles and slow muscles