

Module 2.0

Skeletal Muscle and Special Senses

Structural Organization of Skeletal Muscle
Neuromuscular Junction, Excitation-Contraction Coupling
Muscle Contractures and Cramps
Whole Muscle Contraction, Fiber Type, Fatigue and Muscle Pharmacology
Motor Units
Factors that Influence the Force of Contraction
Energy Source for Muscle Contraction
Skeletal Muscle Fiber Types
Fatigue
Muscle Pharmacology
Smooth Muscle
Smooth Muscle Contraction
Control of Body Movement
Voluntary Control of Muscle
Reflexes
Taste and Smell
Taste
The Sense of Smell
Vision
Structure of the Eye
Focusing Light on the Retina

Converting Light to Action Potentials
The Retina
Phototransduction
Receptive Fields
Hearing and Equilibrium
The Nature of Sound
The Hearing Apparatus
Sound Vibrations to Action Potentials
The Sense of Balance and Equilibrium



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