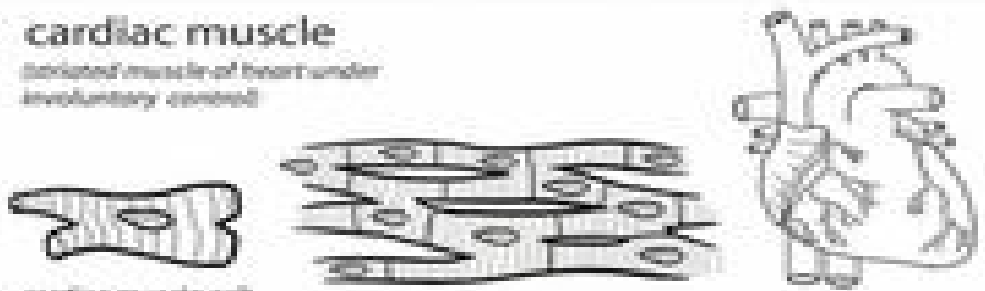


Muscle

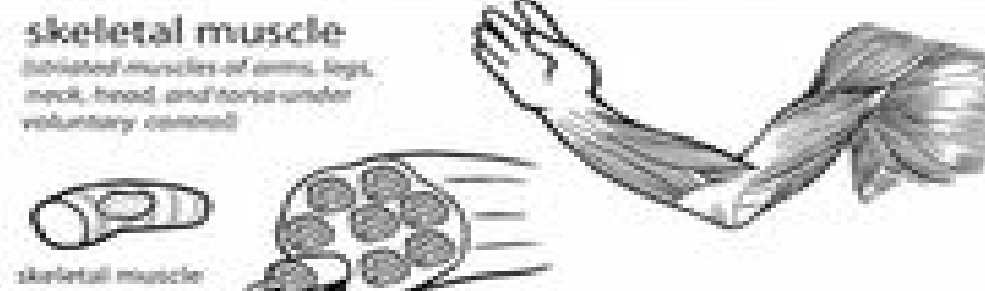
cardiac muscle
(striated muscle of heart under involuntary control)



cardiac muscle cell

This panel illustrates cardiac muscle. On the left is a single cardiac muscle cell, which is branched and striated. In the center is a bundle of these cells, showing their interconnected nature. On the right is a drawing of a human heart, showing its overall structure and the location of the cardiac muscle.


skeletal muscle
(striated muscles of arms, legs, neck, head and torso under voluntary control)



skeletal muscle cell

This panel illustrates skeletal muscle. On the left is a single skeletal muscle cell, which is long and cylindrical with a central nucleus. In the center is a bundle of these cells, showing their parallel arrangement. On the right is a drawing of a human arm, showing the skeletal muscles attached to the bones.

smooth muscle
(non-striated muscles of the blood vessels, digestive system, respiratory system, urinary tract and reproductive system under involuntary control)



smooth muscle cell

This panel illustrates smooth muscle. On the left is a single smooth muscle cell, which is spindle-shaped and non-striated. In the center is a sheet of these cells, showing their interlocking arrangement. On the right is a drawing of a human stomach, showing the smooth muscle that lines its interior.