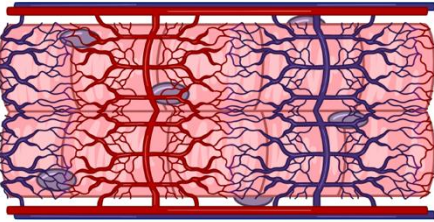
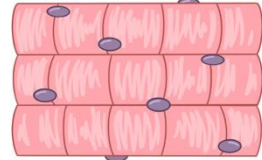
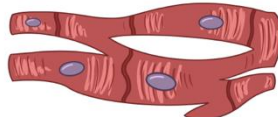
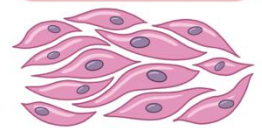
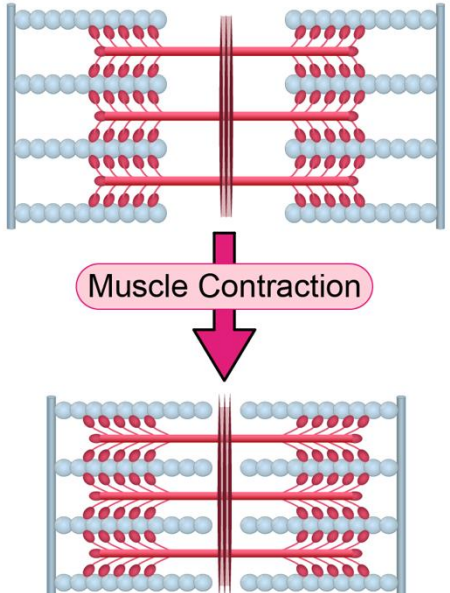


TOPIC: INTRODUCTION TO MUSCLE TISSUE

- **Muscle Tissue:** specialized for *contraction* & primary function is to produce _____.
 - **Myocytes** (Muscle _____): muscle cells using ATP to generate contraction force ("Myo" = muscle).

Muscle Tissue Common Features		
① _____ Vascularized	② _____ Packed Cells	③ Contain _____ Filaments (Myofilaments)
Provides nutrients & oxygen. Eliminates wastes. Blood Vessels 	Creates more contractile force. Skeletal Muscle  Cardiac Muscle  Smooth Muscle 	Allow muscle contraction. 

PRACTICE: Why is it important for muscle tissue to be well-vascularized?

- a) Muscles require nutrients.
- a) Muscles requires a lot of oxygen.
- b) Muscles produce a lot of waste product.
- c) All of these.

PRACTICE: Which of the following biological molecules provides energy for muscles to carry out their function?

- a) Phospholipids.
- b) DNA.
- c) ATP.
- d) RNA.