

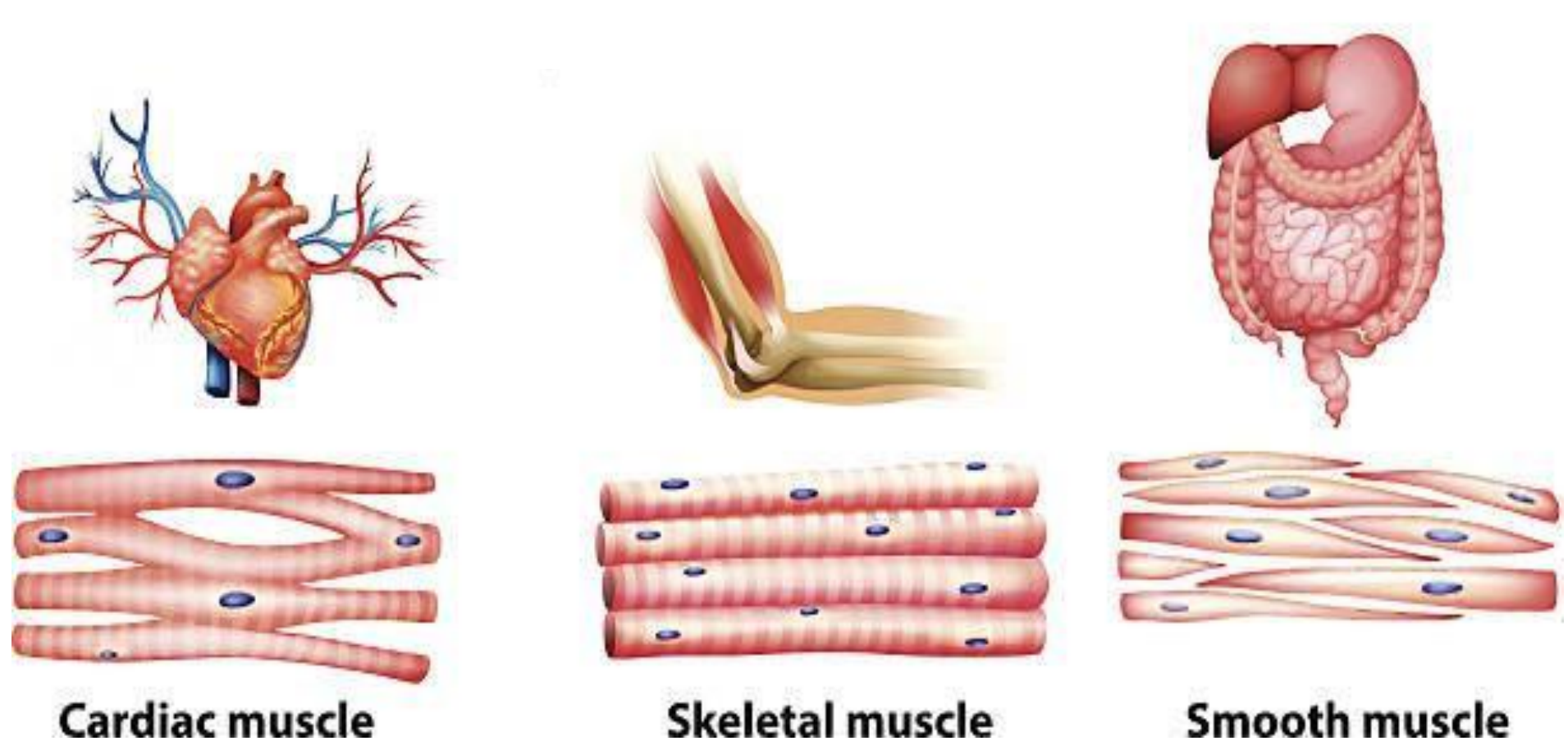
LEARNING OBJECTIVES

- Types of muscle tissue
- Salient features of each type of muscle tissue
- Identification of each type of muscle tissue in a slide

TYPES OF MUSCLE

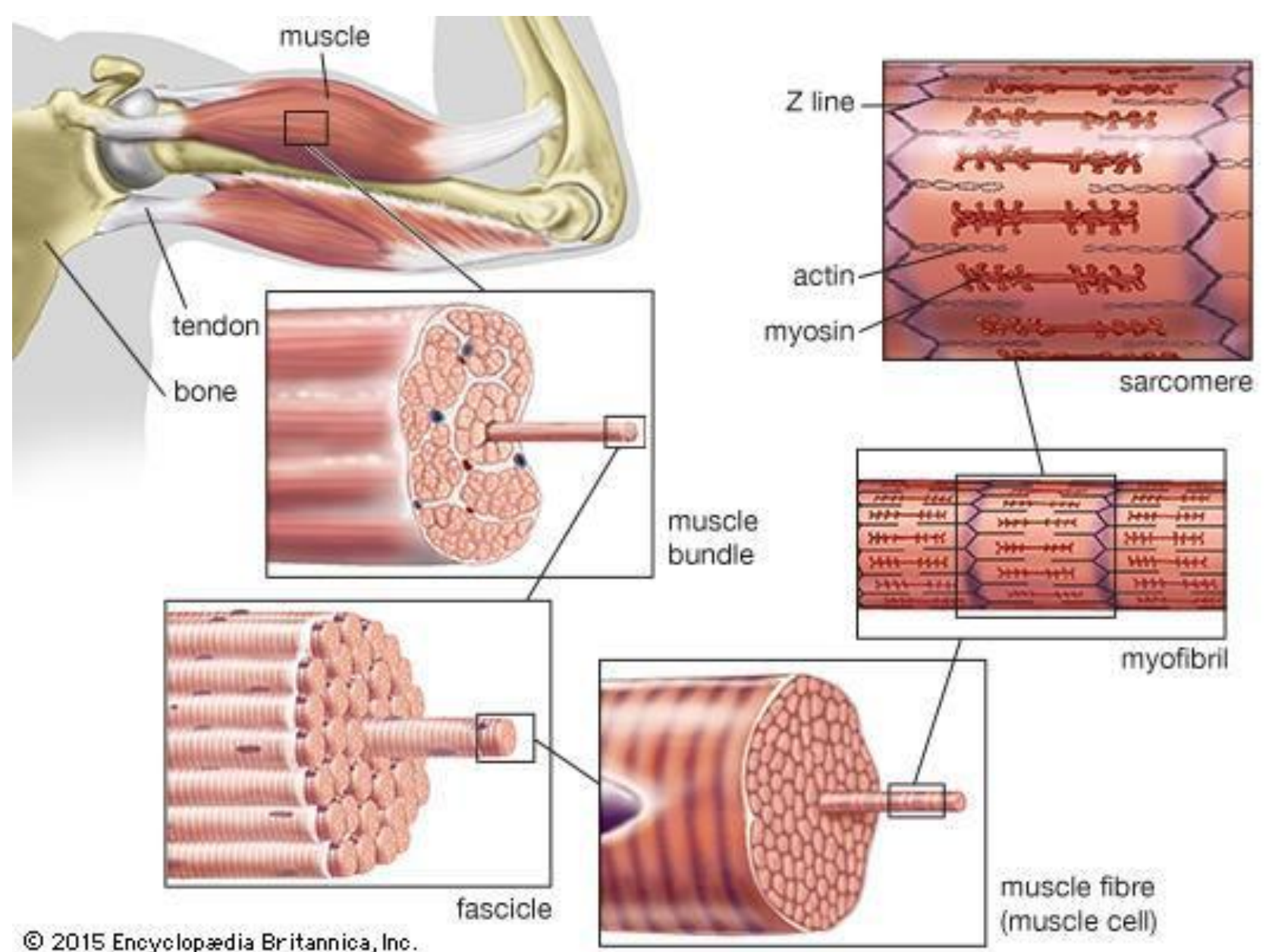
- Skeletal
- Smooth
- Cardiac

Tonus



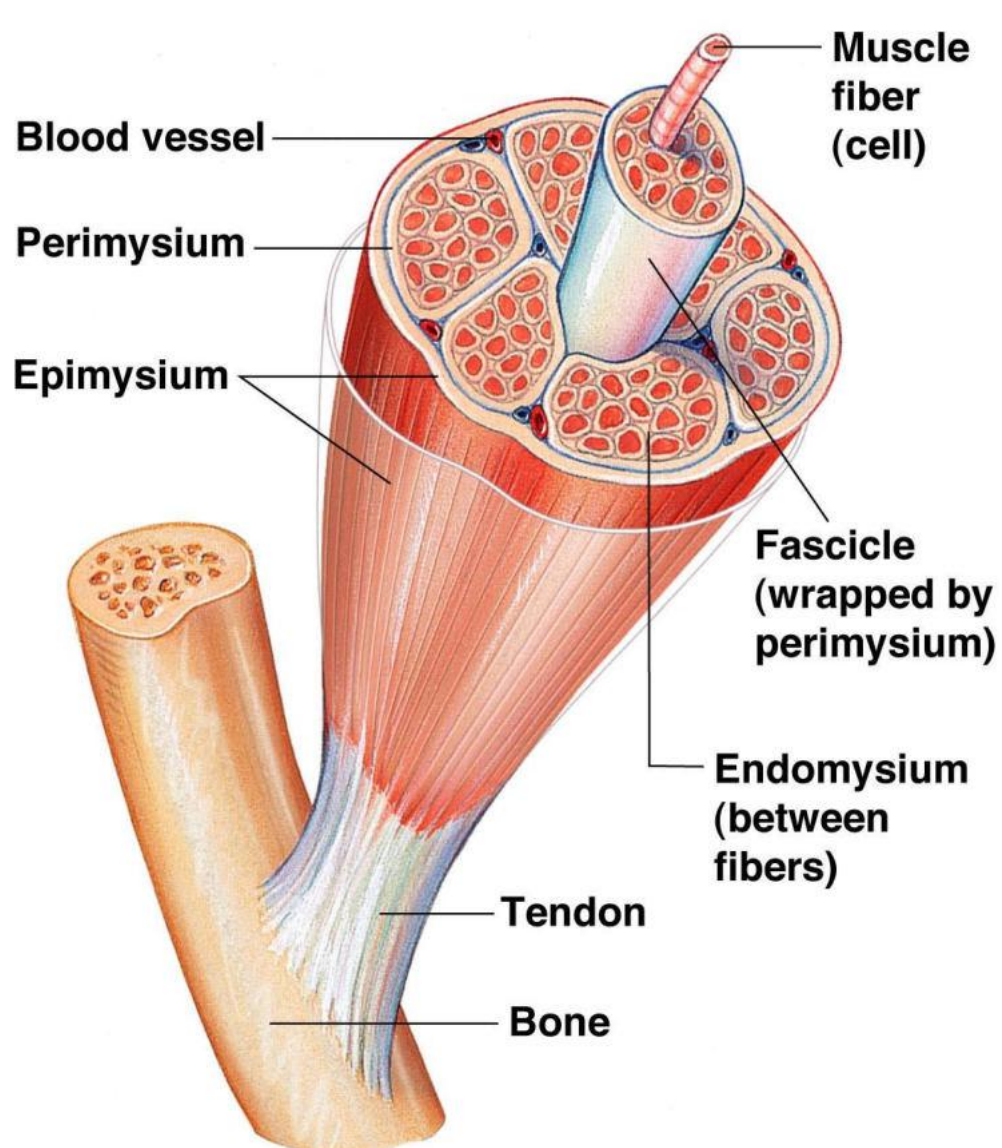
MUSCLE

- Fascicle
- Muscle fibres
- Myocytes
- Myofibrils
 - Actin
 - Myosin

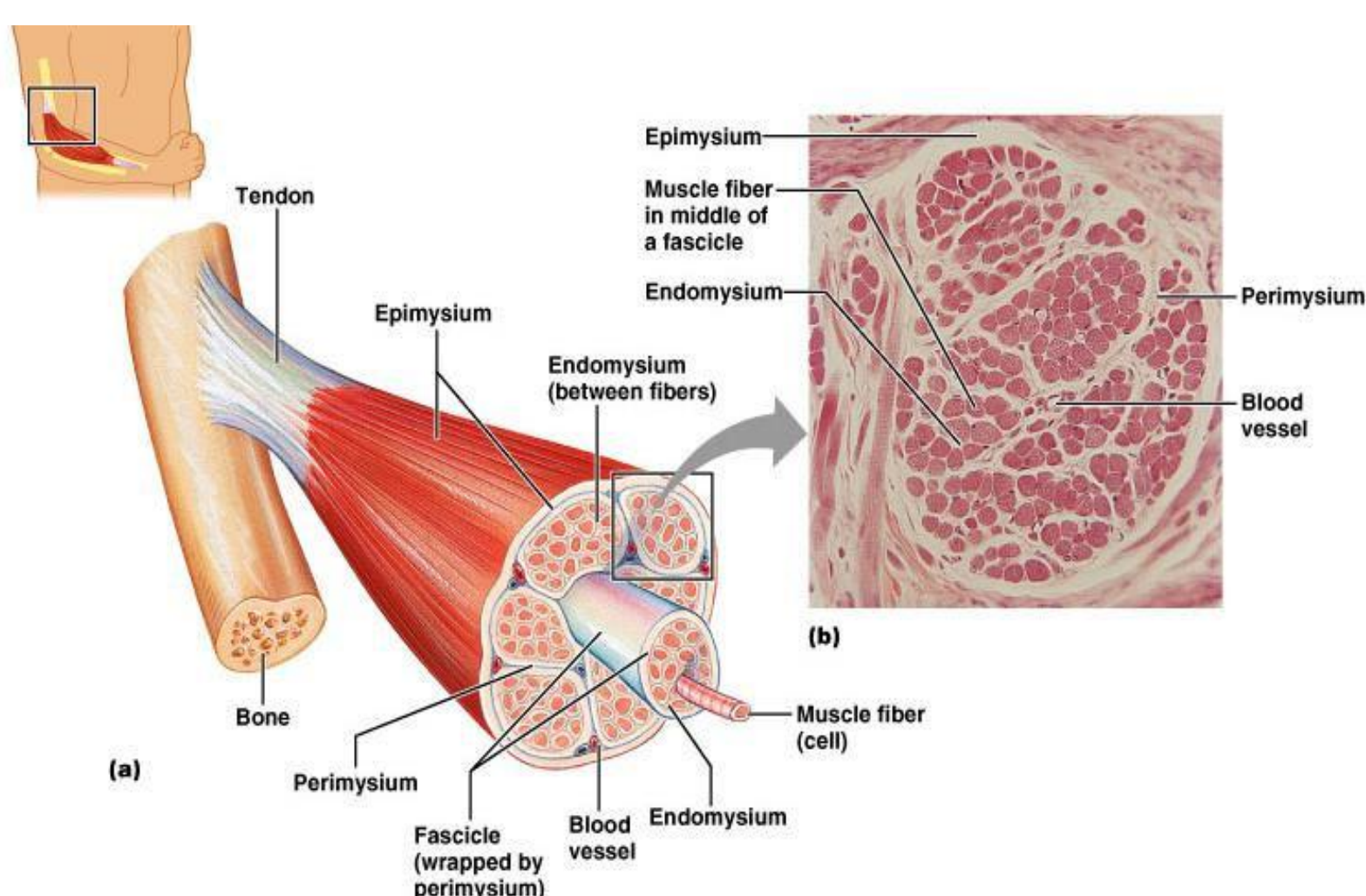


SKELETAL MUSCLE

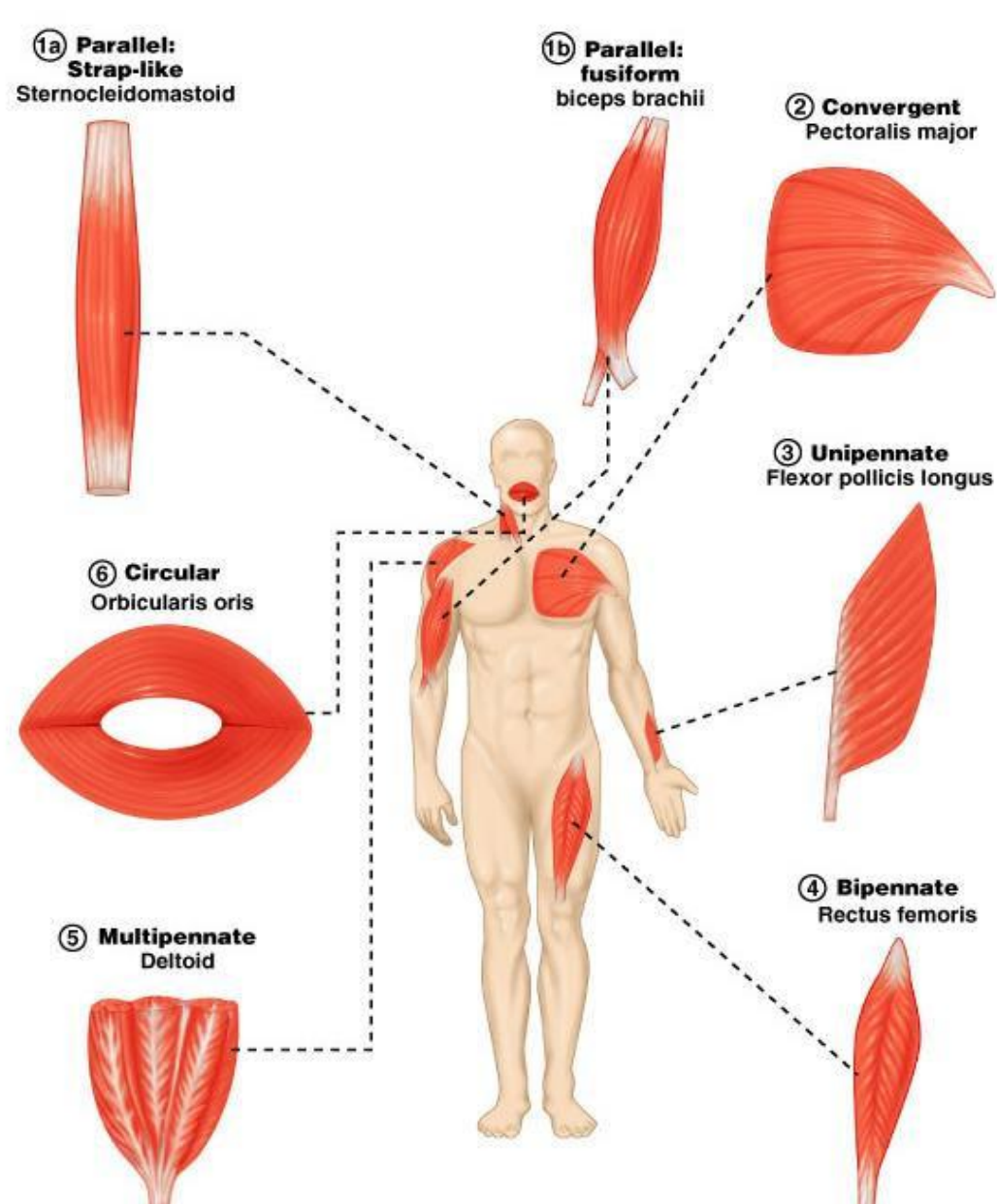
- Connective tissue componer
 - Epimysium
 - Perimysium
 - Endomysium
- Skeletal Muscle Fibres



SKELETAL MUSCLE

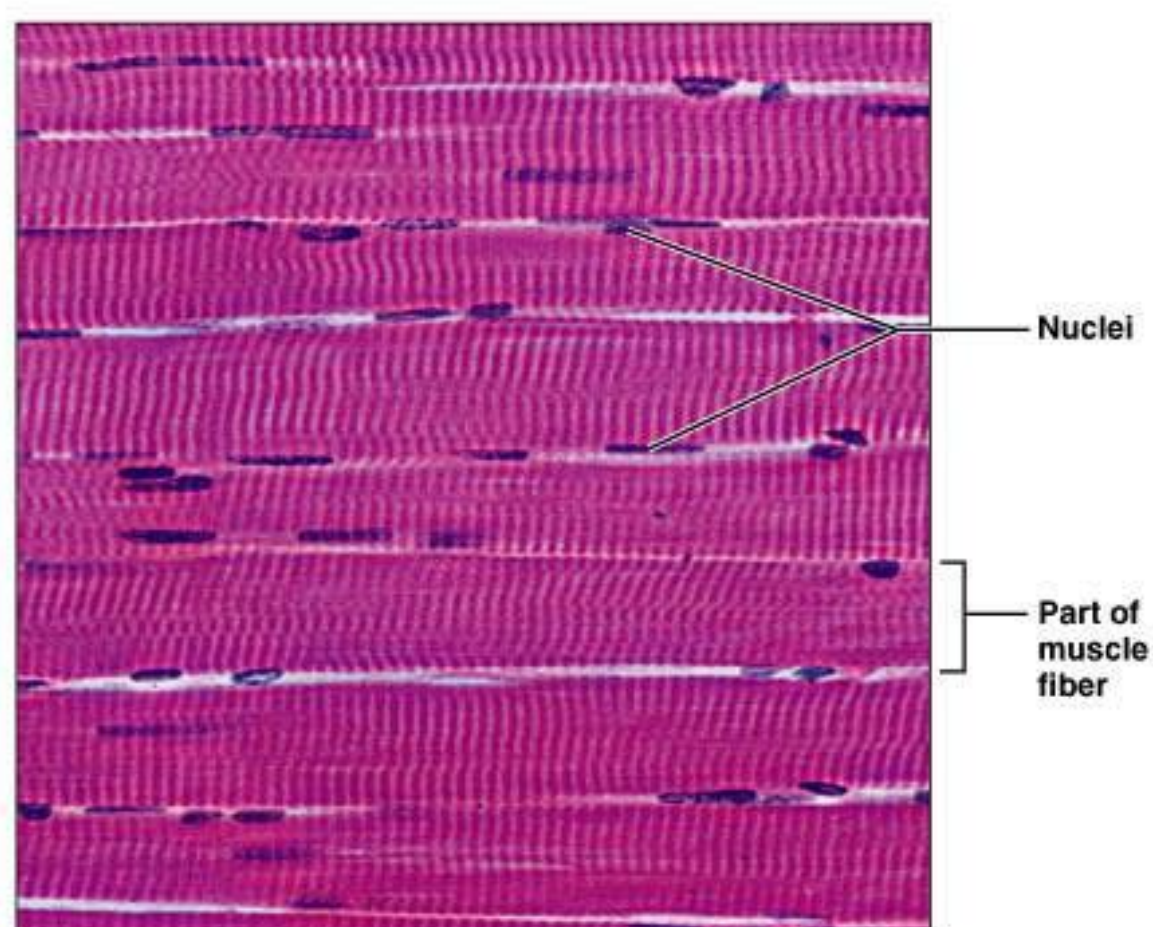


DIFFERENT ARRANGEMENTS OF FASCICLES

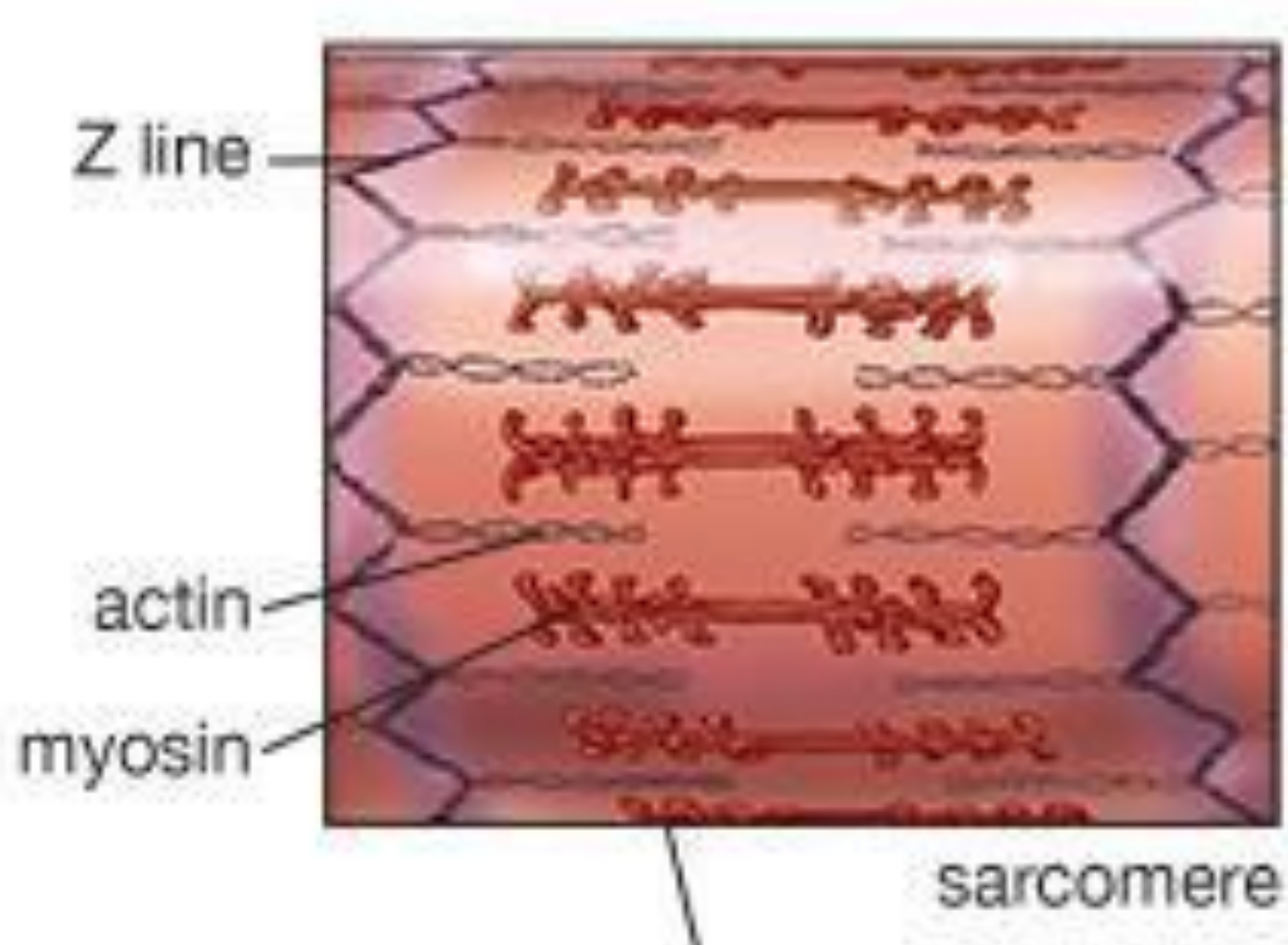
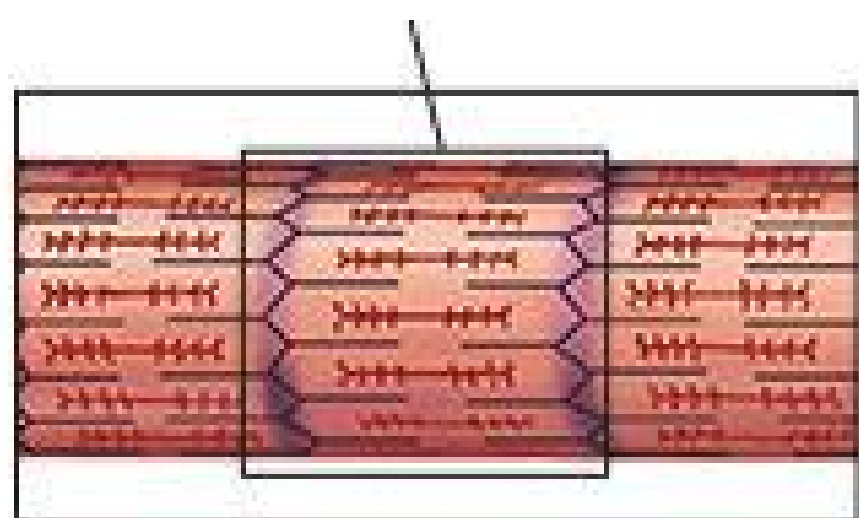


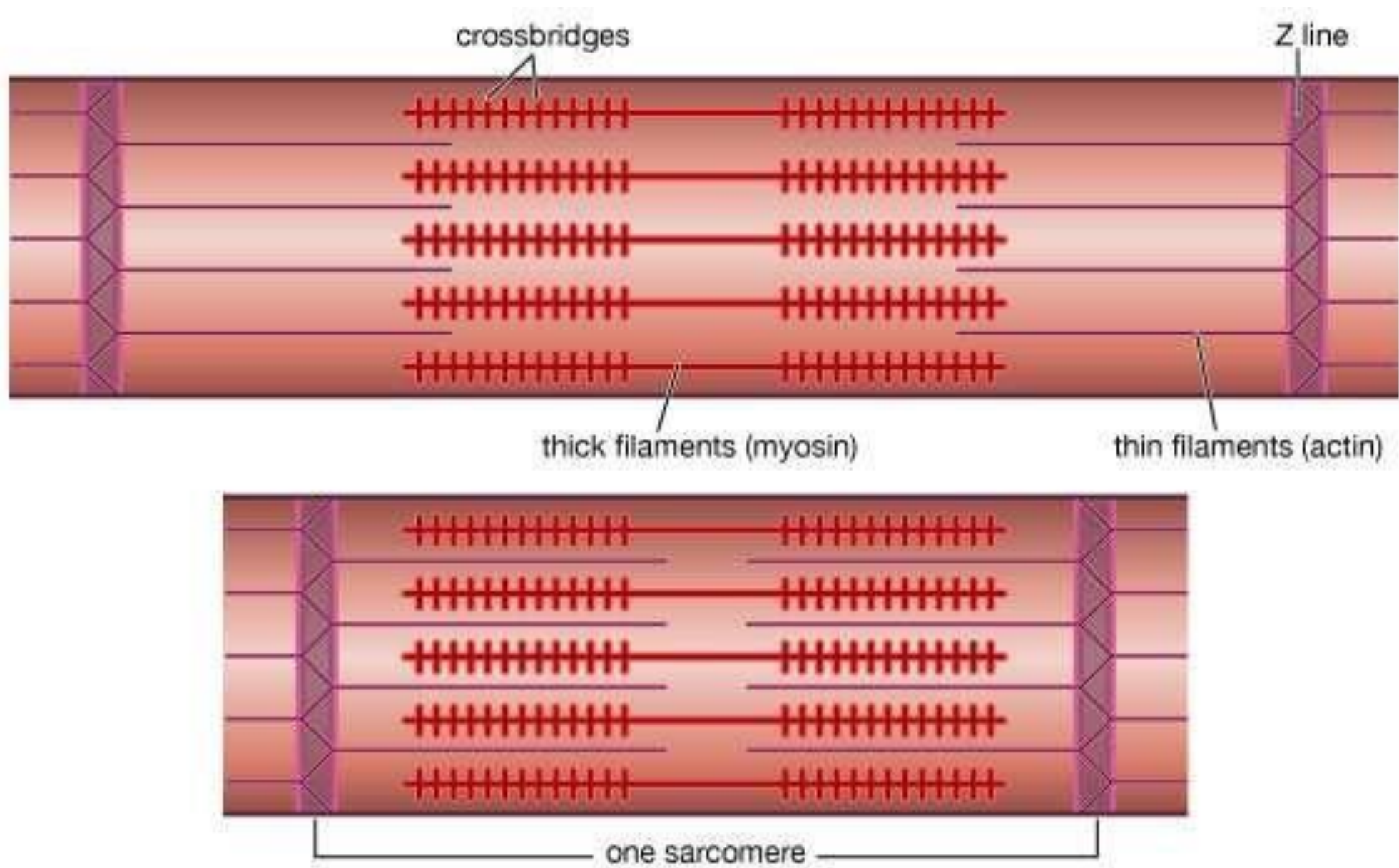
SKELETAL MUSCLE FIBRE

- Striated
- Voluntary
- Long
- Cylindrical
- Multinucleate- Syncytium



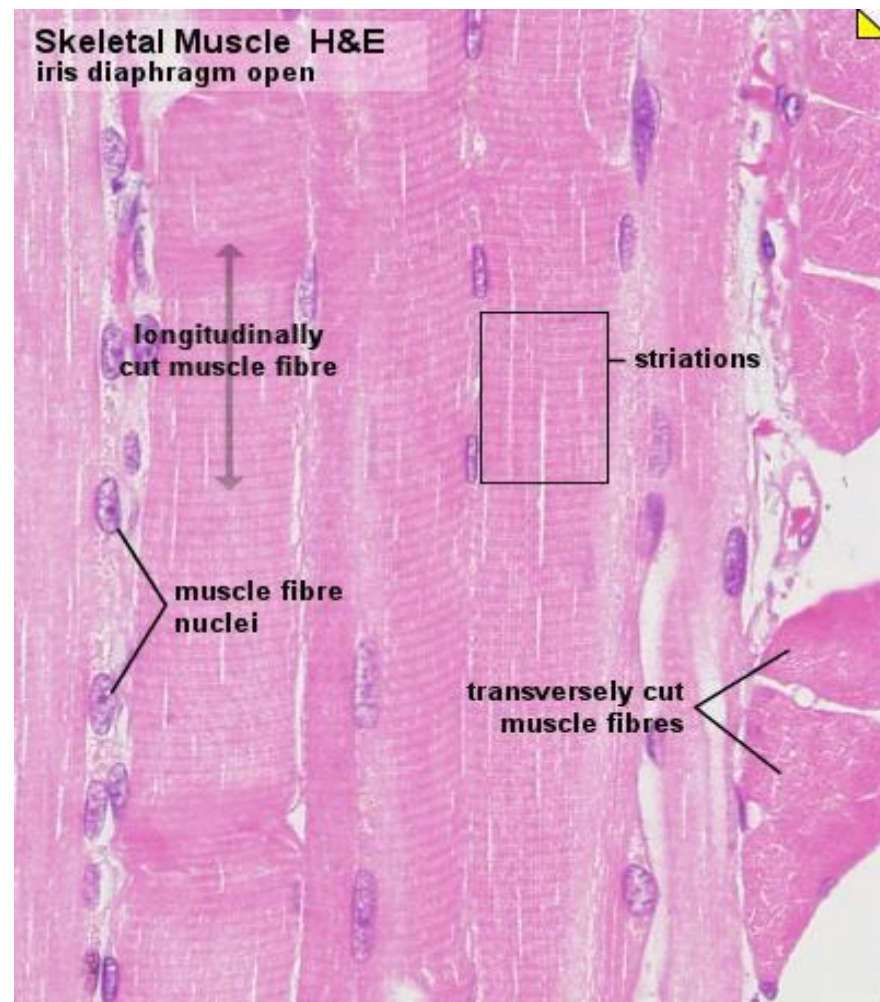
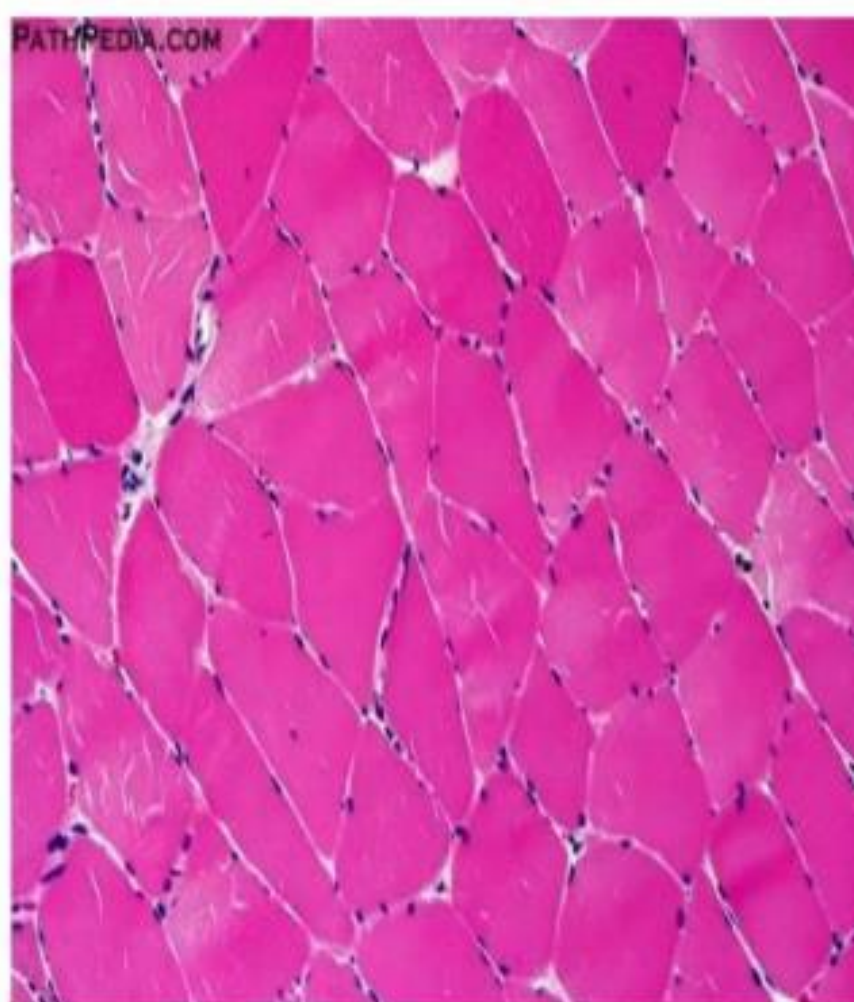
SARCOMERE



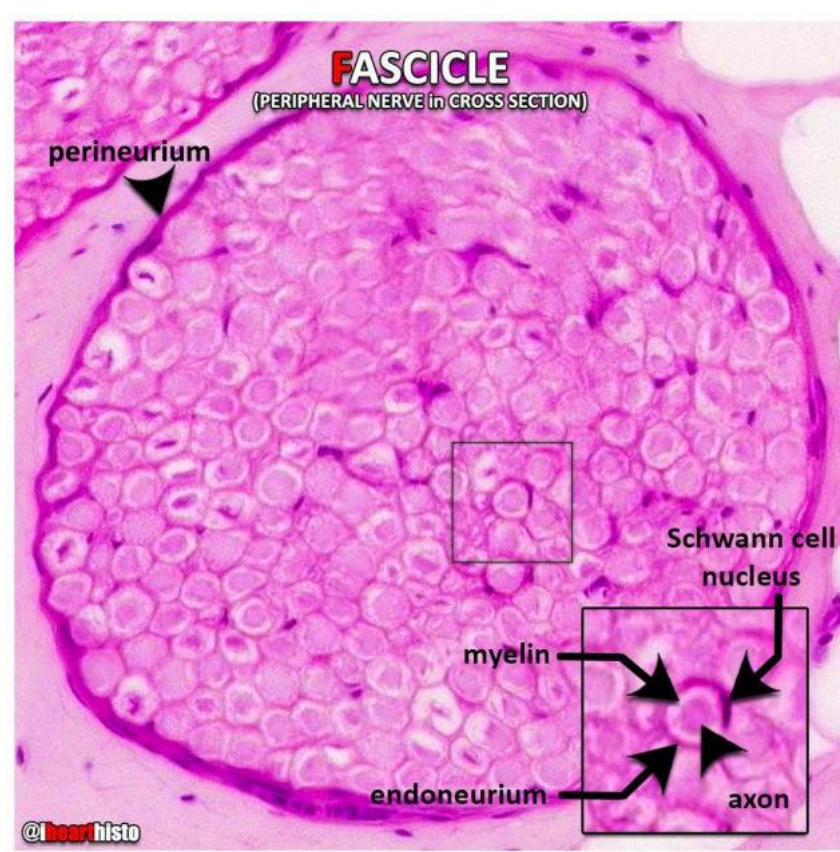
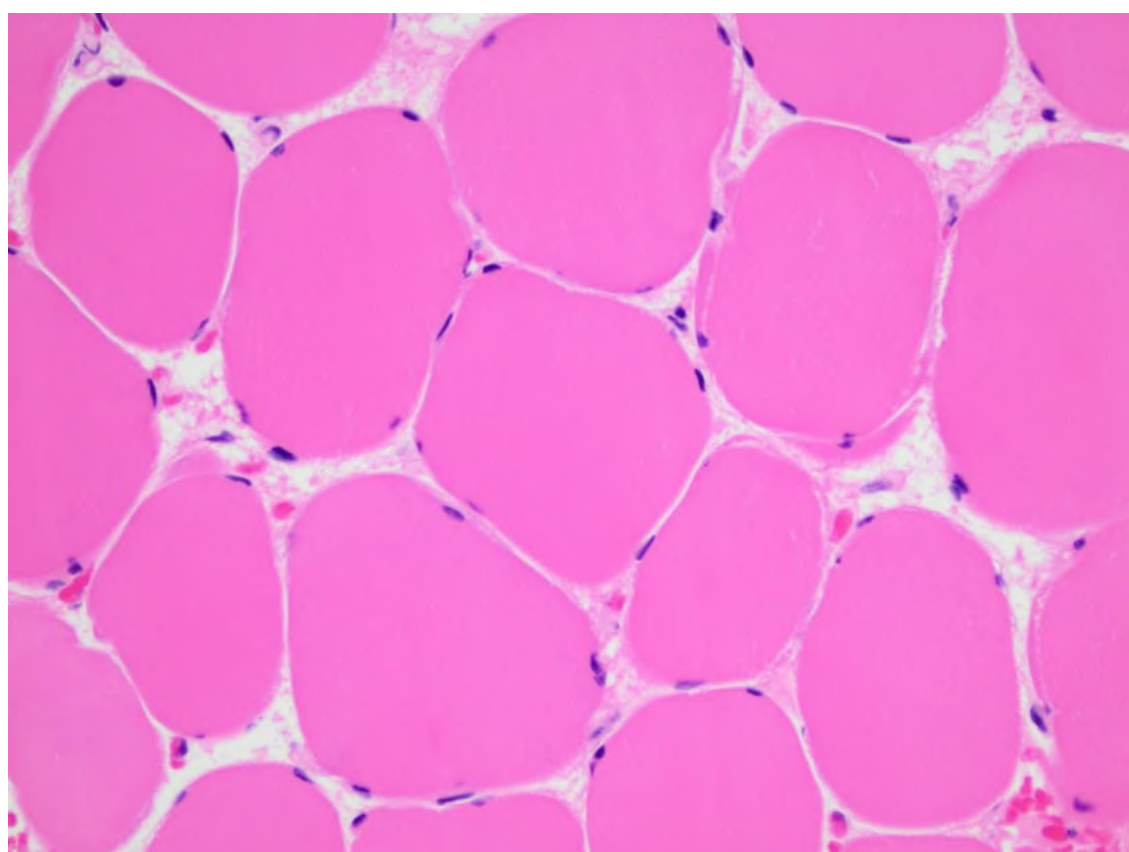


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SKELETAL MUSCLE FIBRE

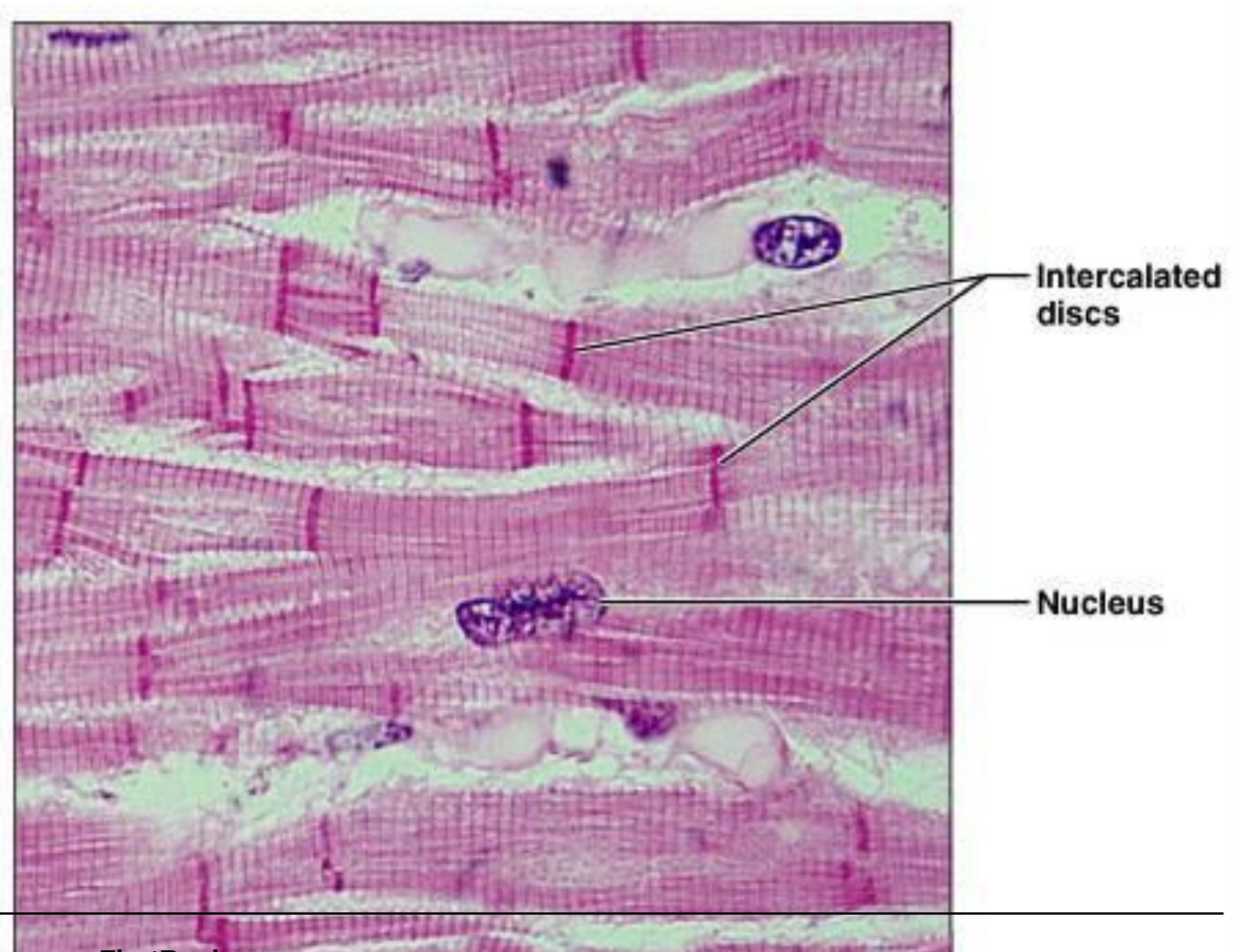


IDENTIFY

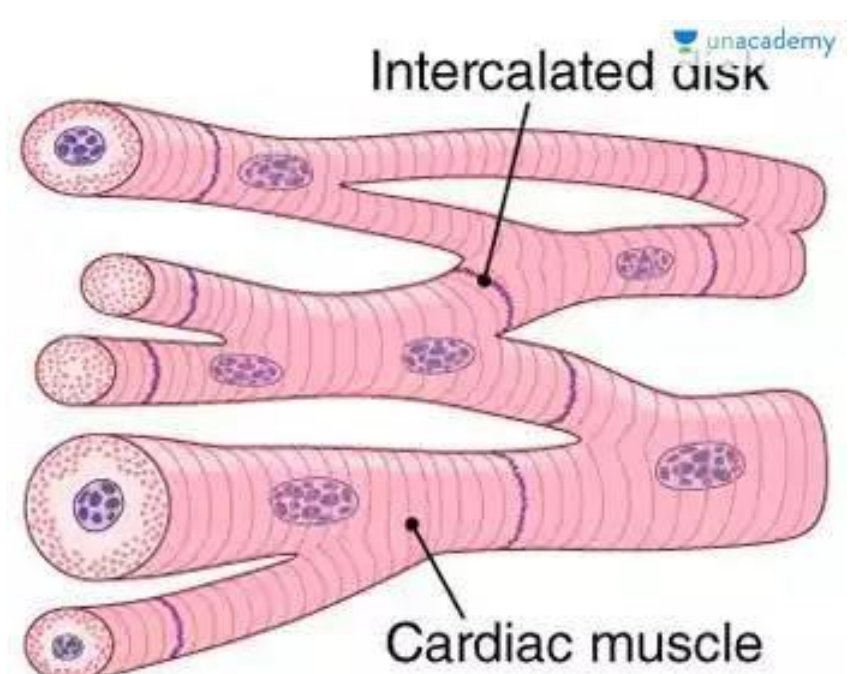
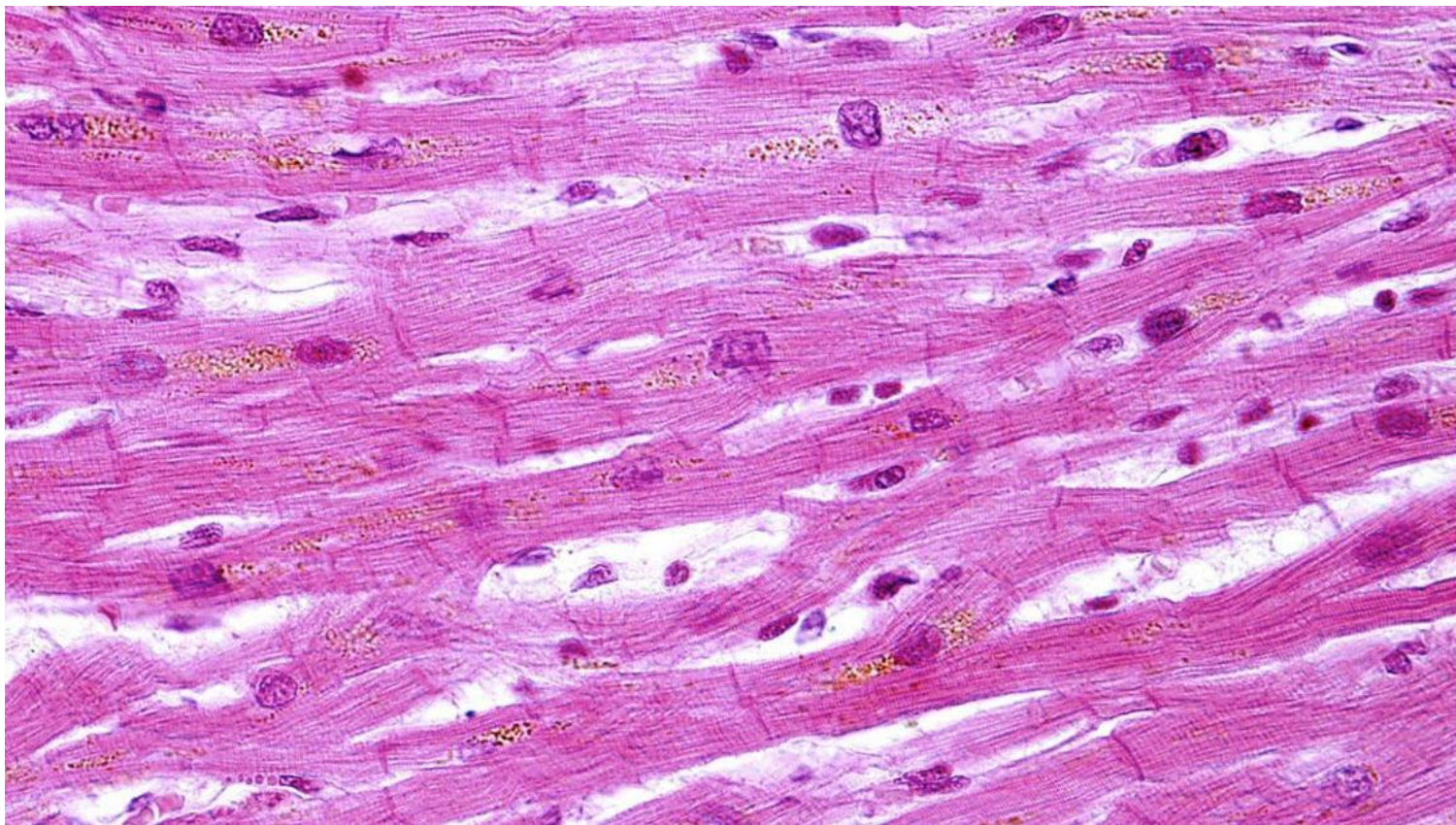


CARDIAC MUSCLE

- Involuntary
- Striated
- Branching
- Uninucleate cells
- Intercalated discs

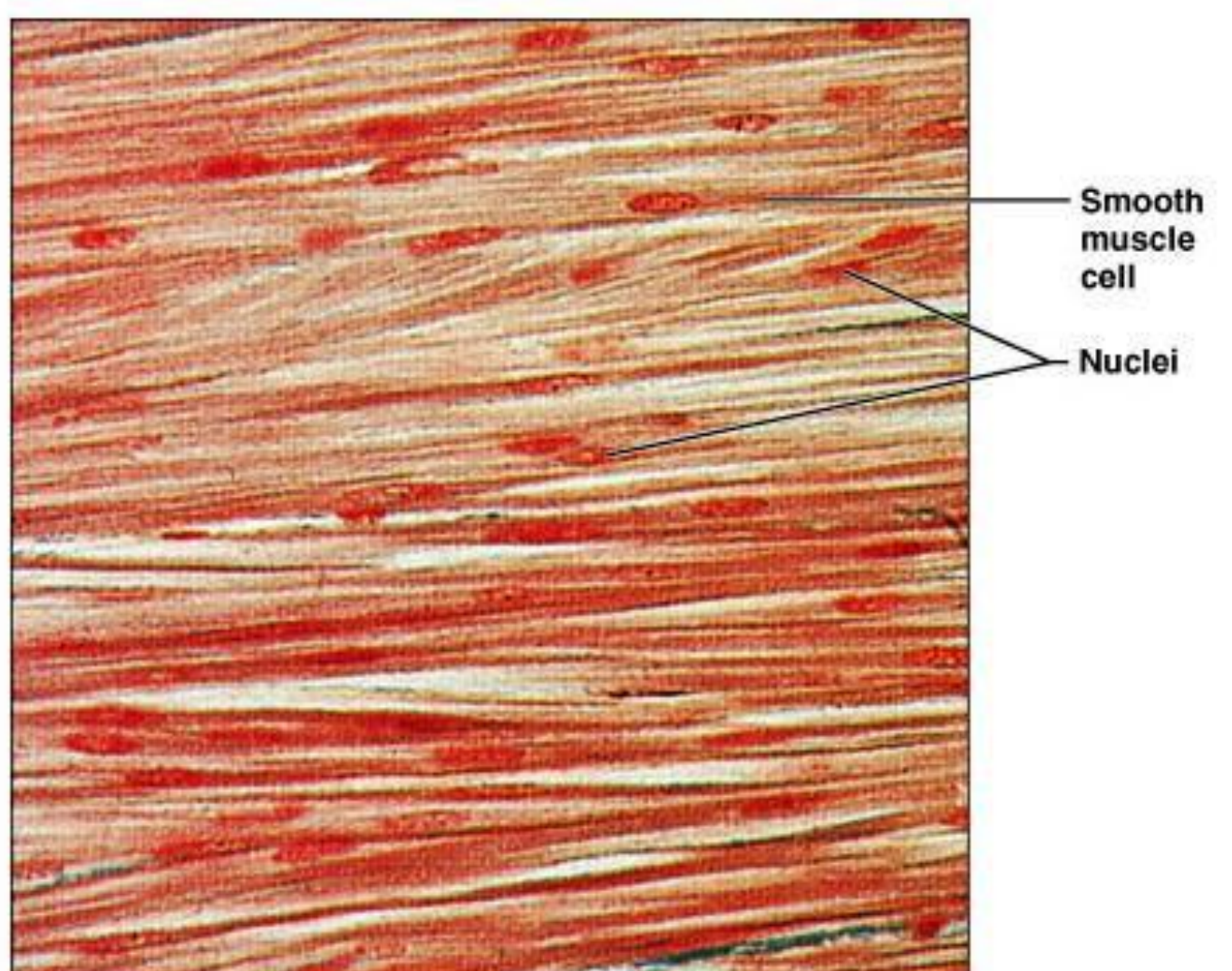


CARDIAC MUSCLE

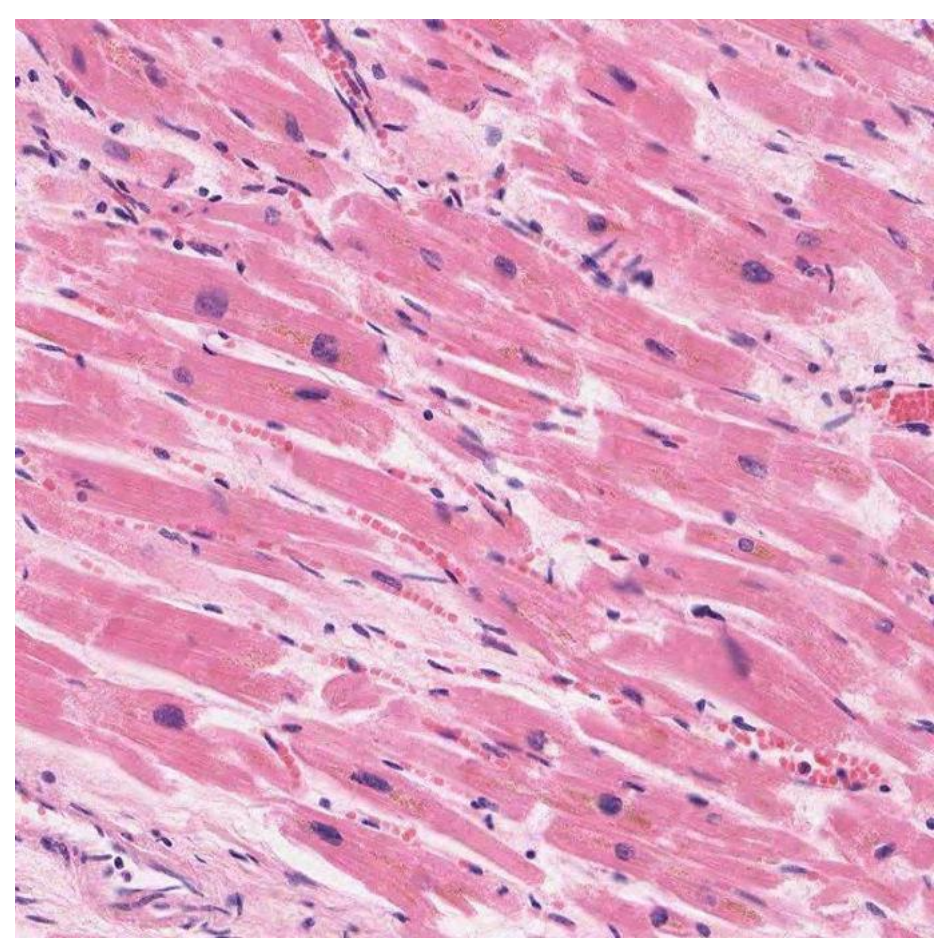
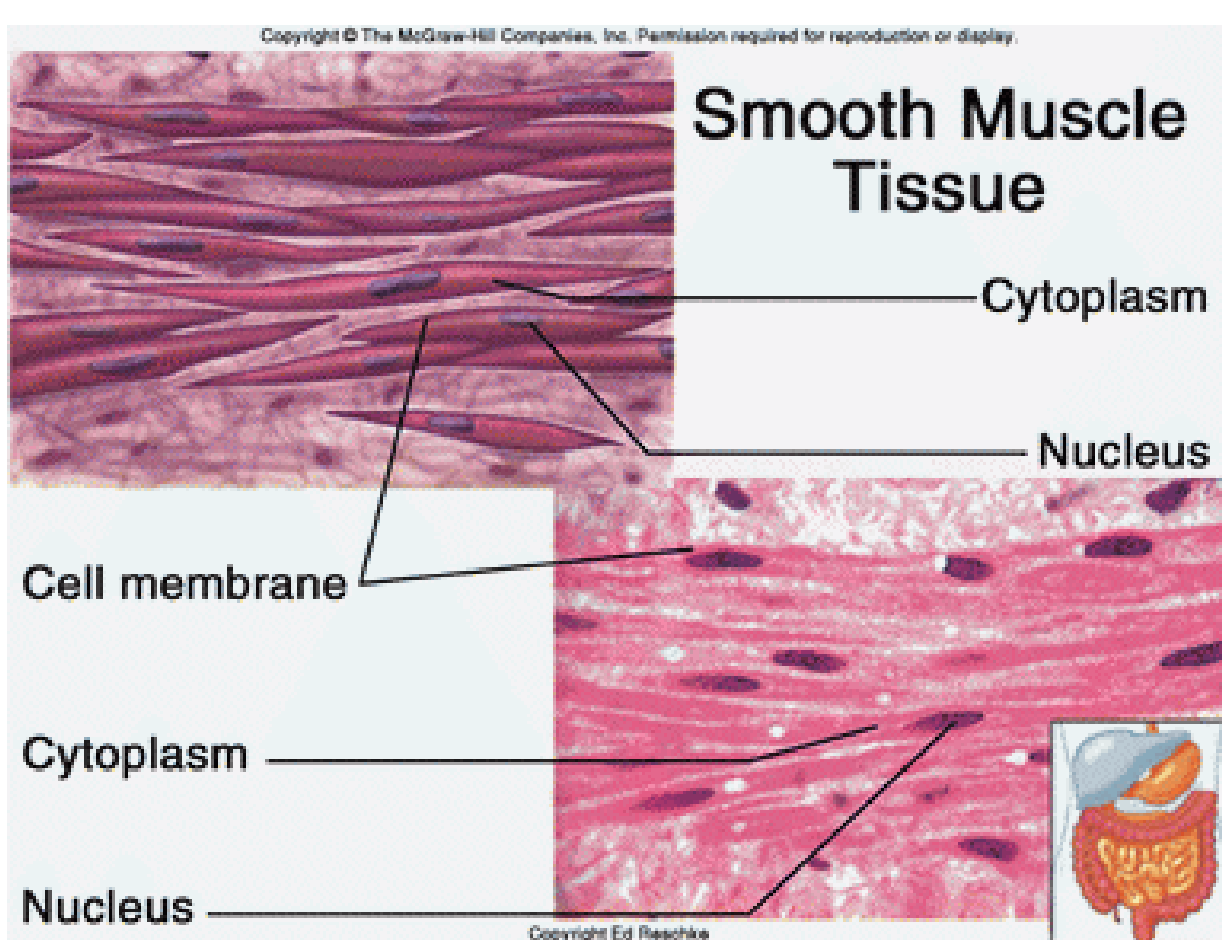


SMOOTH MUSCLE

- Involuntary
- Non-striated
- Spindle shaped cells
- Central nuclei
- Arranged in sheets



SMOOTH MUSCLE



LOCATIONS

