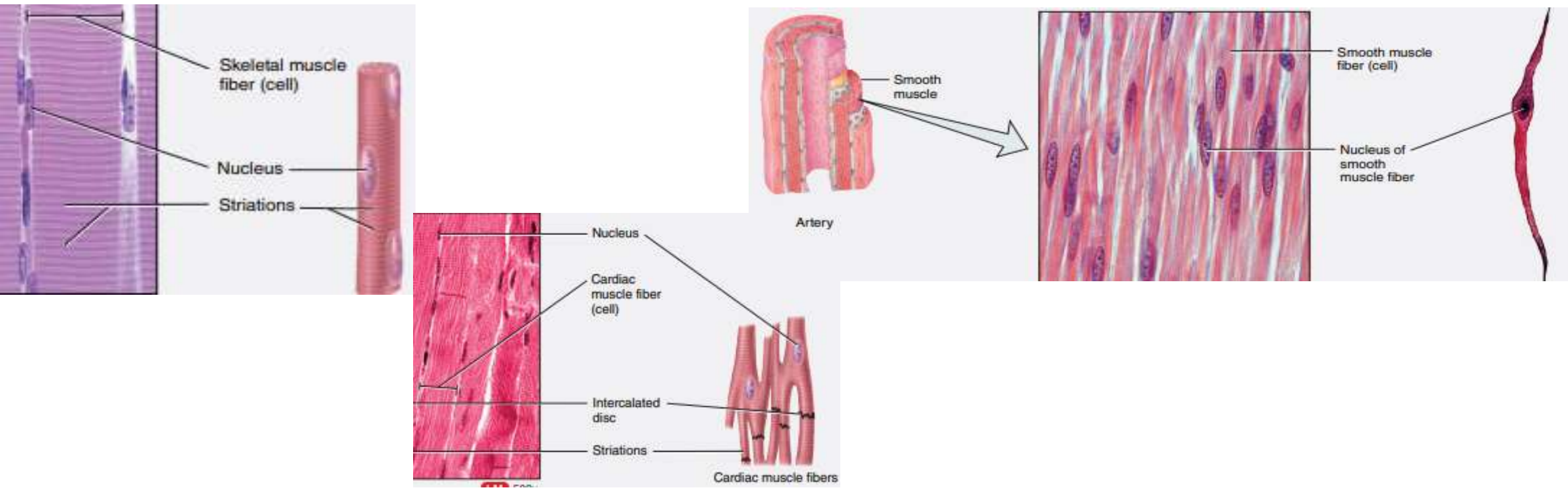


# Muscular Tissue

Muscular tissue consists of elongated cells called muscle fibers or myocytes that can use ATP to generate force. As a result, muscular tissue produces body movements, maintains posture, and generates heat.

Based on location and certain structural and functional features, muscular tissue is classified into three types: Skeletal, Cardiac, and Smooth



# Nervous Tissue

Nervous tissue consists of only two principal types of cells:

1. Neurons and
  2. Neuroglia.
- Neurons, or nerve cells, are sensitive to various stimuli. They convert stimuli into electrical signals called nerve action potentials (nerve impulses) and conduct these action potentials to:
    1. other neurons,
    2. muscle tissue, or
    3. glands.

Most neurons consist of three basic parts:

A cell body and two kinds of cell processes — dendrites and axons.