

# Week #1

## Introduction to Anat & Phys

[Webpage + Materials](#)

### Learning Objectives

- 👉 List the different levels of organization
- 👉 Differentiate between microscopic and gross anatomy
- 👉 Identify six major animal phyla using distinguishing characteristics
  - Cnidaria
  - Annelida
  - Mollusca
  - Arthropoda
  - Echinodermata
  - Chordata

### Week #1 Outline

- I. Organization of the human body
  - A. Levels of organization
    - 1. Chemical level—
    - 2. Cellular level—
    - 3. Tissue level—
    - 4. Organ level—
    - 5. Organ system level—
    - 6. Organism level—
- II. Branches of Anatomy
  - A. Microscopic anatomy—
    - 1. Cytology
    - 2.
  - B. Gross anatomy—
- III. Biodiversity—
  - A. Eukaryotic classification system
    - 1. Domain, \_\_\_\_, \_\_\_\_, Class, Order, Family, Genus, species
    - 2. Taxonomic ranks are ordered—
  - B. Animals—

# Evolutionary Tree of Major Animal Phyla

