



**Medical Laboratory Techniques Department**  
**Assistant teacher . Zahraa Majid abd-alameer**  
**First class**  
**Lab-1-**



## **Introduction**

**Anatomy**: is one of the branches of biology concerned with the identification and description of the body structures of living organisms, including organs , and tissues .

### **Types of anatomy**

- **Gross anatomy** : (macroscopic anatomy ) is the study of the larger structures of the body ,those visible without the aid of magnification .
- **Microscopic anatomy** :is also called histology is the study of cells and tissue using a microscope
- **Levels of organization of the human body :**



- **Cell**: the smallest units of all living things.
- **Tissues**: it is groups of similar cells that have common function
- **Organ**: is a structures composed of two or more tissue types that performs a specific function for the body
- **Organ system**: a group of organs that work to gather to accomplish a common purpose.
- Inte gumantary system
- -Skeletal system

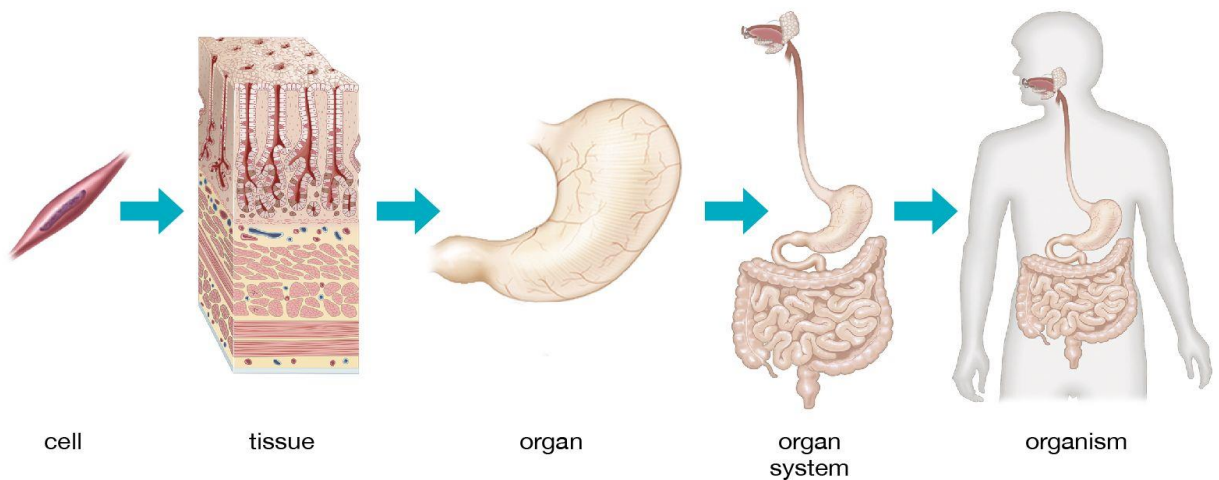


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- -Muscular system
- -Nervous system
- -Endocrine system
- -Cardiovascular system
- -Lymphatic system
- -Respiratory system
- -Digestive system
- Urinary system
- Reproductive system
- **Organism**: it is the highest level of organization

**Levels of organization**

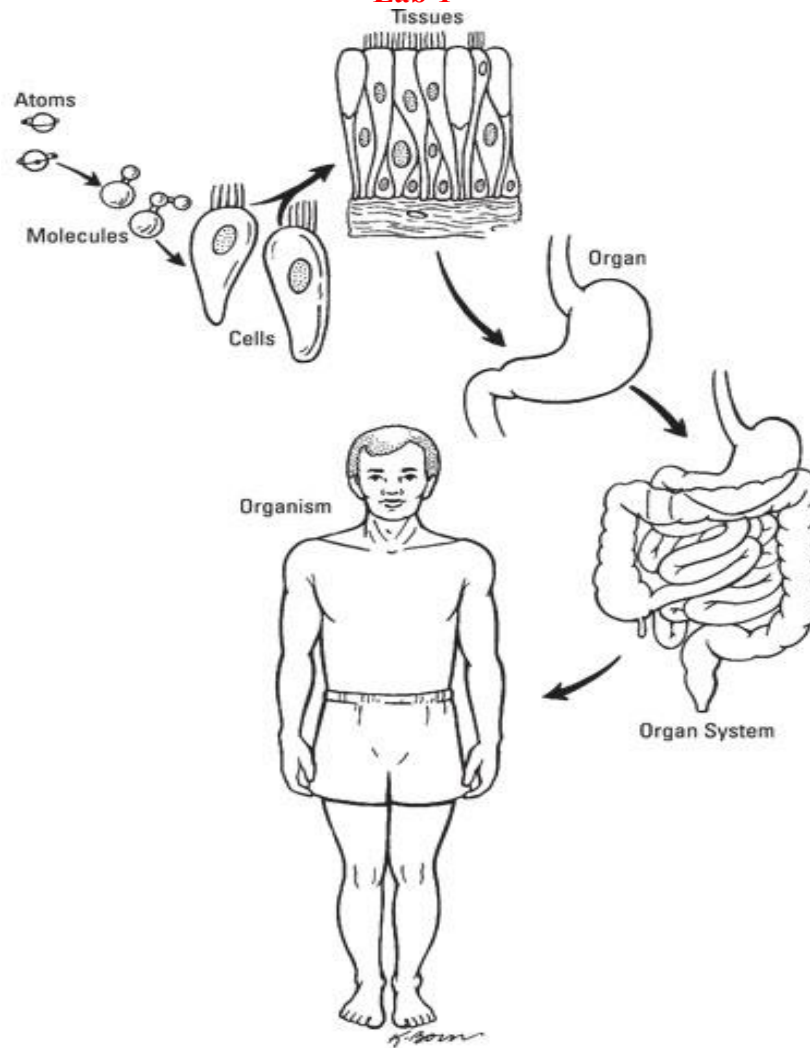




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