

# INTRODUCTION

ANATOMY  
LECTURE NO 1  
Dr Aysha Fida

# WHAT IS ANATOMY

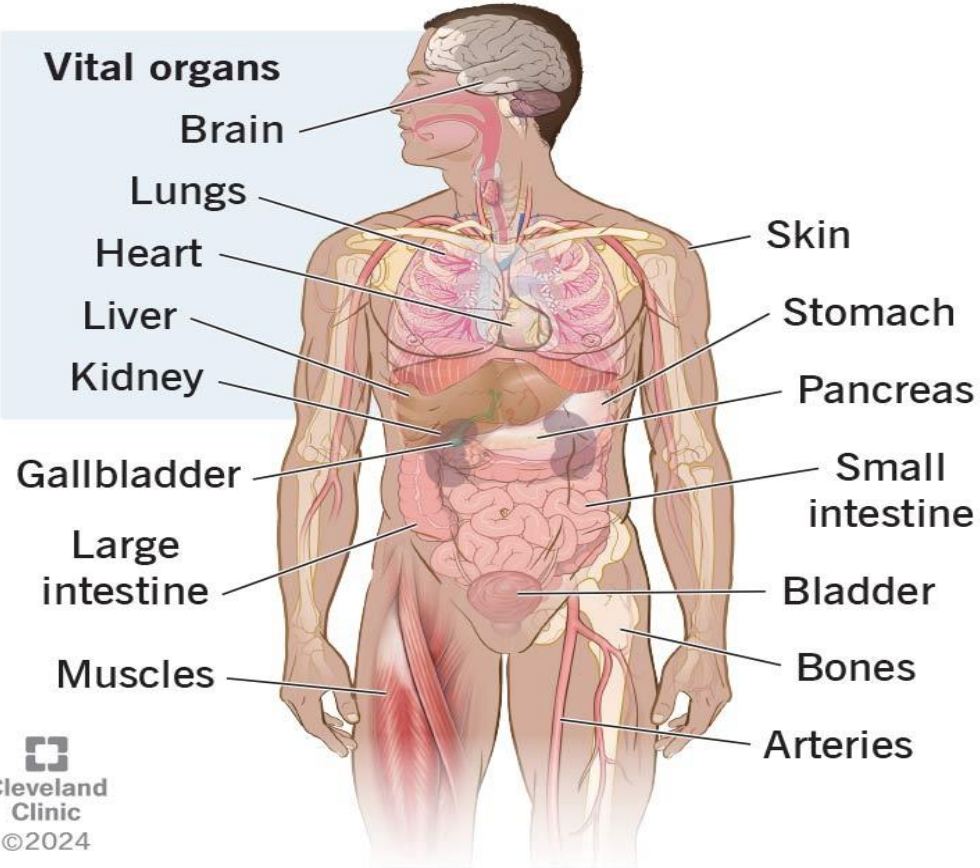
- Branch of biological science , concerned with the description of body structures of various living organisms as revealed by dissection.
- Greek word “ anatome” ana means “up” & tome means “cutting”.

## TYPES:

- Human Anatomy.
- Plant Anatomy.
- Animal Anatomy.

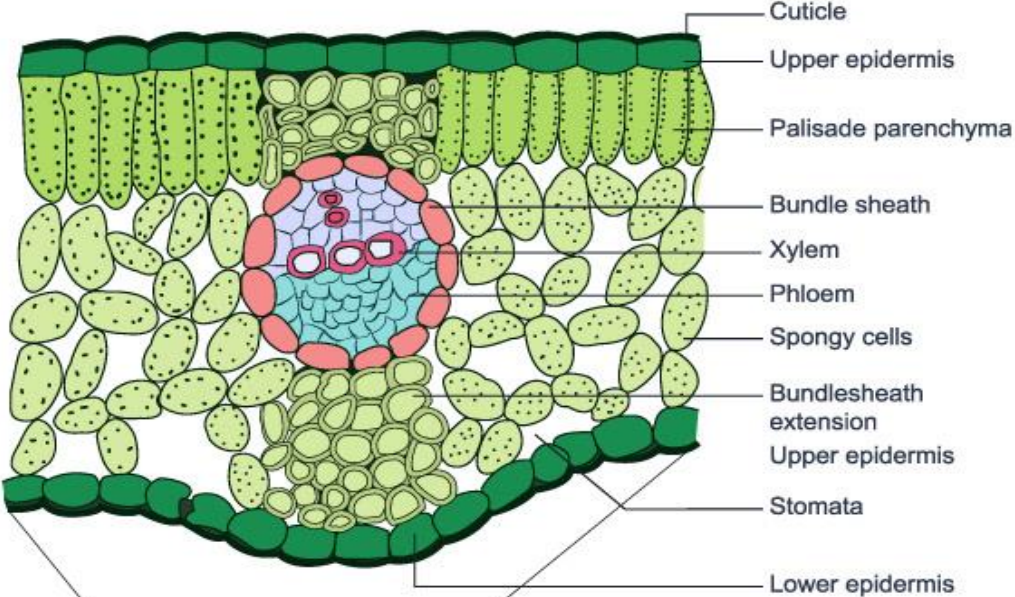
# HUMAN ANATOMY

## Organs



# PLANT ANATOMY

Botany Illustration  
Plant anatomy



# ANIMAL ANATOMY



# Classification of Anatomy

## MICROSCOPIC ANATOMY (Histology)

- Study of cell and tissues with microscope.
- Histologist.
- Useful for microstructure of biological cell.
- Useful for postmortems, paleontology, cancer cell.
- Other domains of life science.

## GROSS ANATOMY (Macroscopic anatomy)

- Visible to the naked eye.
- Studying detail about different organs.
- Endoscopy , angiography ,
- MRI and XRAYs

# MICROSCOPIC ANATOMY





# THE WONDER OF THE HUMAN BODY

