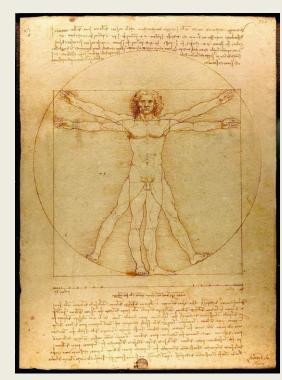
WHAT IS ANATOMY AND Note PAPY SIOLOGY? Anatomy Varia + position



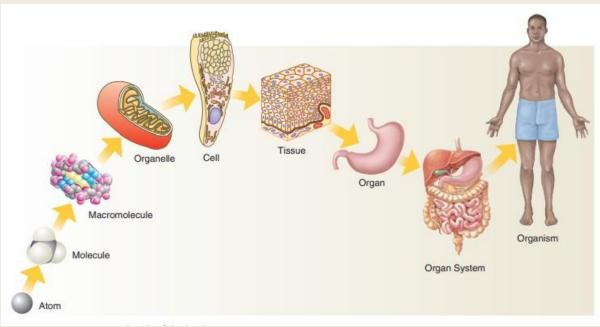
- Defined as "study of the structures of the body"
- Physiology study of nature
- Defined as "study of functions of the structures of the body"
- Mainly deals with maintaining homeostasis



Vitruvian Man, drawing by Leonardo da Vinci, c. 1490; in the Galleries of the Academy of Venice.

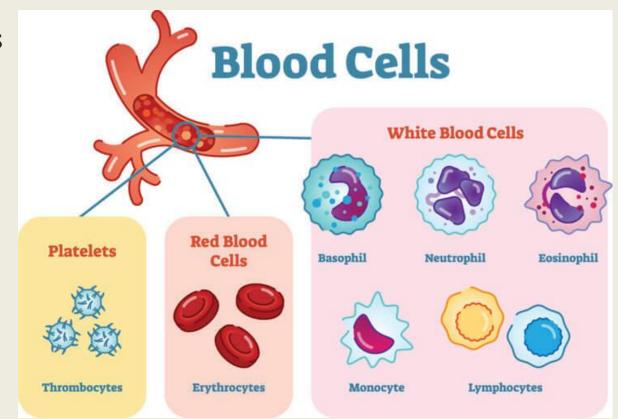
STRUCTURAL ORGANIZATION OF THE HUMAN BODY The problem bod pis Bade up of cells

- ☐ Similar type of cells are arranged into tissues
- One or more type of tissues are arranged into organs
- Several organs are organized into systems



BLOOK CELLS Notes are present, Red blood blood dells are present,

- Red blood cells (RBC's) / Erythrocytes
- White blood cells (WBC's) / Leukocytes
- iii. Platelets / Thrombocytes
- Produced in the bone marrow



Pundamental unit of the nervo saystem | Knewreak Neuropside 19 | Responsible for the nervo saystem |

- Responsible for sending, receiving, and transmitting electrochemical signals throughout the body
- ■Excitable cells
- Once the cells die, they cannot be reproduced or regenerated
- Three type are present,
- Motor neurons
- Sensory neurons
- iii. Interneurons