



# Anatomy and Physiology - midterm 1

|                                                                |                                                                                                                                                                                                                                               |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| anatomy                                                        | the structure of body parts and their relationship to one another which is concrete                                                                                                                                                           |
| physiology                                                     | the functions of the body - how the body parts work and carry out their life sustaining functions                                                                                                                                             |
| scientific reductionism                                        | psychological theory focused on reducing complex phenomena into their most basic parts                                                                                                                                                        |
| principle of complementary of structure and function           | something is inseparable because function always reflects structure - you can infer function from structure                                                                                                                                   |
| structural organization of the human body                      | it ranges from atoms to the entire organism                                                                                                                                                                                                   |
| six types of cells                                             | cells that connect body parts, form linings, or transport gases, cells that move organs and body parts, cells that store nutrients, cells that fight disease, cells that gather information and controls body function, cells of reproduction |
| what cells connect body parts, form lining, or transport gases | epithelial cells, fibroblast, erythrocytes                                                                                                                                                                                                    |
| what cells move organs and body parts                          | skeletal muscle cells, smooth muscle cells                                                                                                                                                                                                    |
| what cells store nutrients                                     | fat cells                                                                                                                                                                                                                                     |
| what cells fight disease                                       | macrophage cells                                                                                                                                                                                                                              |
| what cells gather information and control body functions       | nerve cells                                                                                                                                                                                                                                   |
| what cells are in charge of reproduction                       | sperm cells                                                                                                                                                                                                                                   |

# Anatomy And Physiology Midterm Practice

**Christian Drosten**



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