

Circulatory, Digestive, Excretory, Endocrine, Integumentary, Immune, Muscular, Nervous, Respiratory, Skeletal

Main Structures

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| <u>Nervous</u> | 1. Spinal cord, brain, neurons, skin, eyes, ears, tongue, and nose |
| <u>Integumentary</u> | 2. Skin, hair, nails |
| <u>Skeletal</u> | 3. Bones, ligaments |
| <u>Excretory</u> | 4. Kidneys, bladder, lungs, skin |
| <u>Endocrine</u> | 5. Glands, hormones |
| <u>Circulatory</u> | 6. Heart, lungs, arteries, capillaries, veins |
| <u>Digestive</u> | 7. Mouth (teeth), esophagus, stomach, liver, pancreas, intestines |
| <u>Respiratory</u> | 8. Nose, mouth, lungs, pharynx, trachea, diaphragm, bronchi |
| <u>Immune</u> | 9. Blood, lymphocytes, b-cells, t-cells, memory cells |
| <u>muscular</u> | 10. Muscles, tendons |

Main Function(s)

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| <u>Skeletal</u> | 1. Support body, protect vital organs, movement, store Ca ⁺ , etc |
| <u>Integumentary</u> | 2. Protect body from invaders, control body temperature, maintain tissue moisture |
| <u>Excretory</u> | 3. Removes wastes |
| <u>Circulatory</u> | 4. Transport nutrients and oxygen |
| <u>Digestive</u> | 5. Breaks down food for energy and absorbs nutrients |
| <u>Respiratory</u> | 6. Intake of oxygen and removal of carbon dioxide |
| <u>Muscular</u> | 7. Move body, pump heart, move substances for digestion |
| <u>Nervous</u> | 8. Controls body activities and reacts to stimuli |
| <u>Immune</u> | 9. Fights disease |
| <u>Endocrine</u> | 10. Regulates body function/homeostasis through chemical signaling |