

The organization of the human body

LEVELS OF ORGANIZATION

ATOMS

BIOMO-
LECULES

ORGA-
NELLES

CELLS

TISSUES

ORGANS

SYSTEMS

BO
DY

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CELL THEORY

All living beings are made up of cells.

A cell is the smallest living thing.

All cells come from previous cells.



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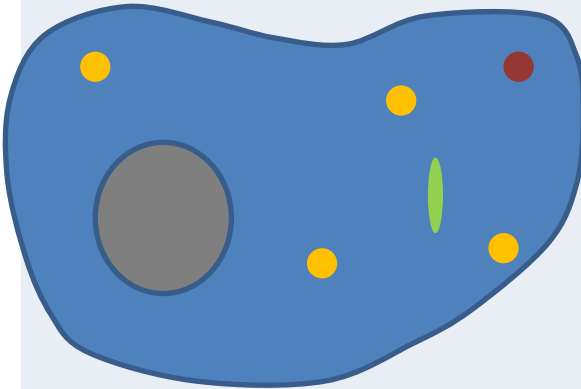
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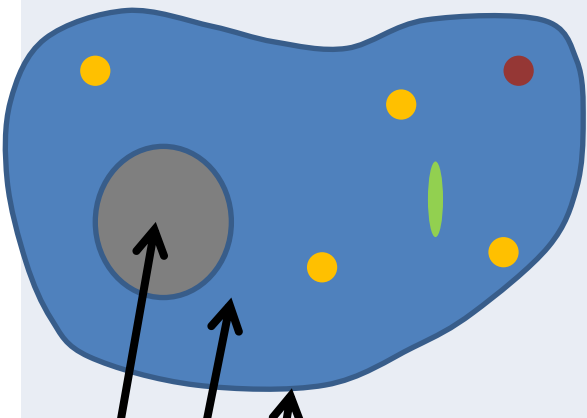
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Nucleus
Cytoplasm
Cell membrane



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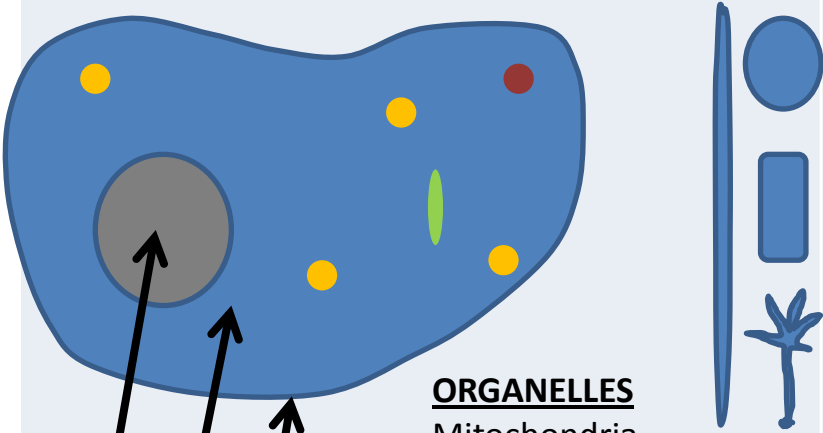
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ORGANELLES

Mitochondria
Ribosomes
Endoplasmic reticulum
Golgi body
Vesicles
Lysosomes
Cytoskeleton
Centrioles

Nucleus
Cytoplasm
Cell membrane

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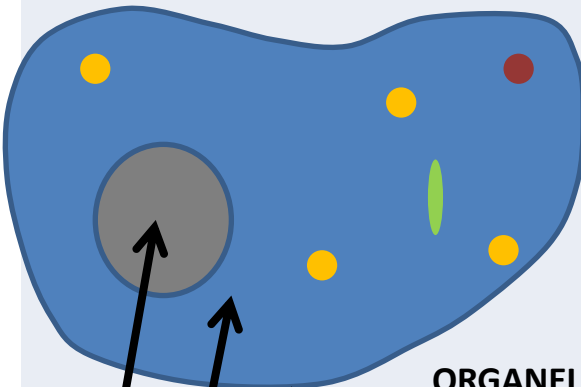
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CELL THEORY

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Epithelial tissue
Muscle tissue
Nerve tissue
Conjunctive t.
Cartilaginous t.
Fatty tissue
Bone tissue
Blood tissue



Nucleus
Cytoplasm
Cell membrane

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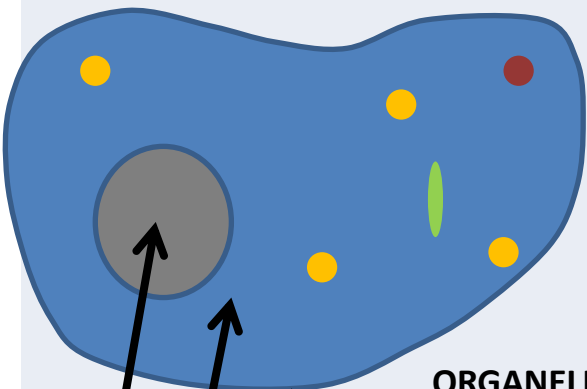
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Cytoplasm
Cell membrane

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Centrioles



Epithelial tissue
Muscle tissue
Nerve tissue
Conjunctive t.
Cartilaginous t.
Fatty tissue
Bone tissue
Blood tissue

Heart
Brain
Stomach
Kidney
Lung
Vein
Pancreas
Nerve
Trachea
Liver
Biceps
Bladder
Bronchus
Artery
Urethra
Testicle
Spine cord
Ovary
Etc.

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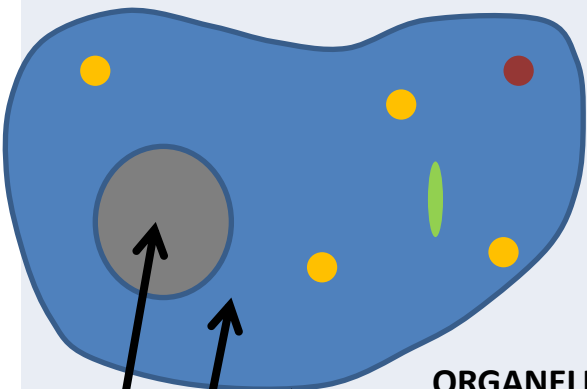
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Vein
Pancreas
Nerve
Trachea
Liver
Biceps
Bladder
Bronchus
Artery
Urethra
Testicle
Spine cord
Ovary
Etc.

Respiratory system
Digestive system
Urinary system
Circulatory system
Nervous system
Endocrine system
Muscular system
Skeletal system