

Gross anatomy

The study of the macroscopic structures of an organism

Microscopic anatomy

The study of the microscopic structures of an organism

Physiology

The study of the functions of an organism and its parts

Histology

The study of tissue

Organ

A group of tissues specialized for a particular function

Tissues

Groups of cells specialized for a particular function

Homeostasis

A state of equilibrium in the body with respect to its functions, chemical levels, and tissues

Effector

A structure in the body that can change the value of a variable

Selective permeability

The ability to let certain materials in or out while restricting others.

Endocytosis

The process by which large molecules are taken into the cell

Exocytosis

Transportation of material from inside the cell to outside the cell