

BIOL01113 Vocab 5

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February 24th, 2025

Lymph Vessels

Lymphatic system structures that transport interstitial fluid called lymph.

Lymph Nodes

Lymphatic system structures that collect and disinfect lymph.

Spleen

A large secondary lymphatic organ responsible for storing and purifying blood.

Thymus

A primary lymphatic organ responsible for maturing T cells and stimulates immune cells.

B Cells

A type of immune cell responsible for antibody-mediated immunity, which targets free antigens present in bodily fluids.

T Cells

A type of immune cell responsible for cell-mediated immunity, meaning any cells with a detected antigen are destroyed.

Inflammation

An immune response that employs neutrophils and macrophages to surround and kill pathogens.

Complement

A series of proteins in plasma that form a non-specific defense mechanism that complements the antibody response.

Antibody

A protein produced in response to a specific antigen.

Clonal Selection

Since B-cell receptors (BCRs) only bind one specific type of antigen, B cells produce multiple identical copies of themselves to create more cells that can bind to the same antigen.