

Keywords and Phrases for the Lymphoid System.

Antigen-presenting cells (APCs), B-lymphocytes, and T-lymphocytes gather to detect and present antigens in secondary lymphoid organs.

B-lymphocytes mature in the bone marrow.

Both naive B-lymphocytes and naive T-lymphocytes circulate between the blood and the secondary lymphoid organs.

Delivers oxygen and nutrients to cells of the surrounding tissue.

lymphatic vessels

Lymph flows through regional lymph nodes; delivers antigens to B- and T-lymphocytes.

lymph nodes

mucosa-associated lymphoid tissue (MALT)

secondary lymphoid organs

spleen

the bone marrow and the thymus

The lymphoid system enables lymphocytes to encounter antigens in order to initiate adaptive immune responses.

T-lymphocytes migrate to the thymus and mature there.