

Keywords and Phrases for Antigen-Presenting Cells (APCs).

activation of macrophage

activation of that naïve T8-lymphocyte

activation of that naïve T4-lymphocyte

capture and present epitopes of antigen to the ever-changing populations of naïve T8-lymphocytes and naïve T4-lymphocytes in the lymph nodes

capture and present epitopes of exogenous antigens to effector T-lymphocytes

circulate back and forth between the blood and the lymphoid system of the body

effector T4-lymphocyte producing cytokines that enable that B-lymphocyte to proliferate and differentiate into antibody-secreting plasma cells

MHC-I/peptide complexes can then be recognized by complementary shaped T-cell receptors (TCRs) and CD8 molecules on naïve T8-lymphocytes

MHC-II/peptide complexes can then be recognized by complementary shaped T-cell receptors (TCRs) and CD4 molecules on an effector T4-lymphocytes

MHC-II/peptide complexes can then be recognized by complementary shaped T-cell receptors (TCRs) and CD4 molecules on naïve T4-lymphocytes

T4-effector cells

T8-effector cells