

Keywords and Phrases for Innate Versus Adaptive Immunity.

0 - 4 hours after exposure to an infectious agent

4 - 96 hours after exposure to an infectious agent

adaptive immunity

antimicrobial enzymes and peptides

cell-mediated immunity

complement system proteins

does not improve with repeated exposure to a given infection

early induced innate immunity

epitopes of antigens binding to antigen receptors

humoral immunity

immediate innate immunity

inflammation

PAMPs binding to PRRs

phagocytosis

recognizes molecules shared by groups of related microbes

recognizes specific epitopes of a specific antigen of a microbe

soluble preformed antimicrobial molecules that circulate in the blood, are found in extracellular tissue fluids, and are secreted by epithelial cells

The production of antibody molecules in response to an antigen; mediated by B-lymphocytes.

The production of cytotoxic T-lymphocytes, activated macrophages, activated NK cells, and cytokines in response to an antigen; mediated by T-lymphocytes.

usually improves upon repeated exposure to a given infection