

Plasma membrane receptors on lymphocytes - Receptory błon limfocytów

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A review of plasma membrane receptors, antigens and markers on T and B cells is presented. The MHC - restricted T cell receptor is described as a structure with two multistate allosteric combining sites. The molecular characterization of T3 and Ti membrane proteins makes possible understanding of recognition events on the level of T cell clones. In cell-cycle control of lymphocyte stimulation by antigens and polyclonal activators, the binding of Interleukin 2 to its receptors induces cell proliferation. Receptor-mediated endocytosis and receptor recycling in T cell proliferation and immune response seems to be more common in other receptors transducing signals.