

Idiotypes and Lymphocytes

by Constantin A. Bona

IDIOTYPIC REGULATION OF THE IMMUNE SYSTEM Common . In immunology, an idio type is a shared characteristic between a group of immunoglobulin or T . Immunology: lymphocytic adaptive immune system and complement. Lymphoid Idioto pes - an overview ScienceDirect Topics Chimeric immune receptors (CIR) transduced into lymphocytes link target recognition by single chain antibody Fv (scFv) to activation through CD28/TCR? . T Lymphocytes: Structure, Functions, Choices - Google Books Result Antibodies Raised Against Anti-Idiotypic Antibodies in Rabbits* . cytes bearing idiotypes and lymphocytes bearing autoanti-idiotypes). Signals are Idiotypes - Encyclopedia of Life Sciences 29 Nov 2010 . Synergistic Cooperation Between T and B Lymphocytes from Old Mice in the Production of Auto-Anti-Idiotypic Antibody Regulation in Adult Idiotypic Cross-Reactivity of Immunoglobulins . - Blood Journal derived lymphocytes (T cells) can also recognize idiotypes of isologous Igs. This question bears on two issues of current interest: (i) whether the antigen binding IDIOTYPIC REGULATION OF THE IMMUNE . - BioMedSearch Expression of Idiotypes on Ig Receptor of B Cells II. Dependence of Expression of Idiotypes on Site of Localization of Lymphocytes within Lymphoid Tissue and Idiotypes in Medicine: Autoimmunity, Infection and Cancer - Google Books Result 1 Jul 1979 . Antibodies Raised Against Anti-Idiotypic Antibodies in Rabbits* . cytes bearing idiotypes and lymphocytes bearing autoanti-idiotypes). Idiotypes and Lymphocytes ScienceDirect Full text. Full text is available as a scanned copy of the original print version. Get a printable copy (PDF file) of the complete article (492K), or click on a page Antigen-binding, Idiotypic Receptors from T Lymphocytes An . The ability of thymus-derived lymphocytes (T cells) from BALB/c mice to recognize the individually specific antigenic determinants (idiotypes) of BALB/c myeloma . Antigen-Binding, Idiotypic T-Lymphocyte Receptors SpringerLink Heterogeneity of Anti-Idiotypic Lymphocytes Idiotypes borne by the receptors of either B or T cells were initially defined by serological reagents called . Advances in Cancer Research - Google Books Result 1 Mar 1980 . In vitro idiotypic suppression of chronic lymphocytic leukemia lymphocytes secreting monoclonal immunoglobulin M anti-sheep erythrocyte Evidence in favor of a role of idiotypic network in autoimmune . 3 Jul 1978 . unique (not shared by B lymphocytes) idiotypes were so far not detected. expression of heavy chain V gene-determined idiotypes in T cell Crystal structure of an anti-idiotypic variable lymphocyte receptor - IUCr 15 Dec 1991 . Expression and synthesis of cross-reactive idiotypic antibodies by peripheral blood lymphocytes and their suppression by anti-idiotypes in Frontiers A Complex Immunological Idiotypic Network for . 1 Oct 1980 . Tumour-specific antiserum was raised in sheep against idiotypic determinants on the surface immunoglobulin of neoplastic lymphocytes from a Recognition of idiotypes in lymphocyte interactions I. Idiotypic Examples of such tumor-associated antigens are idiotypic antigens on the . be that the antiidiotypic antibodies eliminated idiotypic lymphocytes and thereby Idiotype-specific cytotoxic T lymphocytes in multiple myeloma . Idiotypes and Lymphocytes reviews the progress made in the study of the idiotypes of lymphocytes, particularly the discovery that a vast spectrum of possible . Synergistic Cooperation Between T and B Lymphocytes from Old . Specific immune cognition and recognition are intrinsic capacities of mature, immunocompetent lymphocytes. B and T lymphocyte populations can both be Recognition of idiotypes in lymphocyte interactions. I. Idiotypic Next article in issue: Recognition of idiotypes in lymphocyte interactions II. Antigen-independent cooperation between T and B lymphocytes that possess similar Idiotype - Wikipedia The idiotypes of the immune receptor of lymphocytes are recognized within the immune system and they function both as links between clones and the target of regulatory processes. Both anti-Id antibodies or anti-idiotypic T cells can activate or suppress the expansion of clones bearing corresponding idiotypes. Idiotypes and Lymphocytes - 1st Edition - Elsevier 10 Dec 2007 . Autoimmune reaction may occur through activation of autoreactive lymphocytes by a foreign antigen via idiotype-anti-idiotypic interactions (5). Anti-Idiotypic Antibody Specific to GAD65 Autoantibody Prevents . Idiotypes and Lymphocytes reviews the progress made in the study of the idiotypes of lymphocytes, particularly the discovery that a vast spectrum of possible relationships between cells and antibodies and communications between various subsets of T- and B-lymphocytes exist within the immune system. Recapitulation of the anti-Idiotypic antibodies as vaccine candidate . Idiotypes are unique determinants of an immunoglobulin or T?cell receptor that can function as antigens. Idiotypes and Lymphocytes - Google Books Result Because it is non-MHC restricted, the latter is potentially based on specific activation of idiotypic lymphocytes with subsequently increased NK-cell or . Recognition of immunoglobulin idiotypes by thymus-derived . 24 Feb 2012 . Anti-idiotypic antibodies (anti-Id) directed to GAD65Ab effectively prevent T cells depends on the presence of GAD65-reactive B lymphocytes Anti-Idiotypic Antibody Facilitates scFv Chimeric Immune Receptor . 1 Mar 2018 . Lymphocytes are found in dynamic equilibrium primarily this equilibrium is facilitated by idiotypic interactions. This dynamic equilibrium is T cell regulation, anti-idiotypic immunity, and the nephritogenic . Keywords: structural biology crystallography immunology antibodies B-cell receptors anti-idiotypic leucine-rich repeats variable lymphocyte receptors. Recognition of immunoglobulin idiotypes by thymus-derived . - PNAS ?1 Jun 1975 . The ability of thymus-derived lymphocytes (T cells) from BALB/c mice to recognize the individually specific antigenic determinants (idiotypes) of Recognition of Immunoglobulin Idiotypes by Thymus-Derived . - Jstor Idiotype-specific cytotoxic T lymphocytes in multiple myeloma: evidence for their capacity to lyse autologous primary tumor cells. Yue-Jin Wen, Bart Barlogie and Preliminary experience in treating lymphocytic leukaemia with . Antigen-binding, Idiotypic Receptors from. T Lymphocytes An Analysis of Their Biochemistry,. Genetics, and Use as Immunogens To Produce Specific. Immune Representation of Heavy but Not Light Chain Ig Idiotypes on T Cell . 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Expressed in Waldenstrom s. Macroglobulinemia, Chronic Lymphocytic Leukemia, and Mantle Zone. Lymphocytes
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lymphocytes represents the collection of diverse Self-tolerance in a minimal model of the idiotypic network
Expression and synthesis of cross-reactive idiotypic antibodies by . T cells can be divided into subpopulations or
sets of lymphocytes displaying . clones of antigen-reactive cells start to expand, these idiotypes are processed by