

Immunoglobulin Class Switching

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Recent Publications on Immunoglobulin Class Switching:



- [Ubiquitylated PCNA plays a role in somatic hypermutation and class-switch recombination and is required for meiotic progression.](#)
Somatic hypermutation (SHM) and class-switch recombination (CSR) of Ig... 19th November, 2008
Departments of Cell Biology and Systems and Computational Biology, Albert- Proc Natl Acad Sci U S A. 2008 Oct 21;105(42):16248-53. Epub 2008 Oct 14. ([DOI Direct Link](#))
- [Intradermal administration of thymic stromal lymphopoietin induces a T cell- and eosinophil-dependent systemic Th2 inflammatory response.](#)
The epithelial-derived cytokine thymic stromal lymphopoietin (TSLP) is... 19th November, 2008
Inflammation Research, Amgen, Seattle, WA 98119, USA.- J Immunol. 2008 Sep 15;181(6):4311-9.
- [Toll-like receptors activate innate and adaptive immunity by using dendritic cell-intrinsic and -extrinsic mechanisms.](#)
Toll-like receptors (TLRs) play prominent roles in initiating immune... 19th November, 2008
Department of Microbiology & Immunology, University of California, San- Immunity. 2008 Aug;29(2):272-82. Epub 2008 Jul 24. ([DOI Direct Link](#))
- [Requirement for lymphoid tissue-inducer cells in isolated follicle formation and T cell-independent immunoglobulin A generation in the gut.](#)
Immunoglobulin A (IgA) is generated in the gut by both T cell-dependent... 19th November, 2008
Laboratory for Mucosal Immunity, Research Center for Allergy and- Immunity. 2008 Aug;29(2):261-71. Epub 2008 Jul 24. ([DOI Direct Link](#))
- [Autoreactive B-cell elimination by pathogenic IgG specific for the same antigen: implications for peripheral tolerance.](#)
Harmful pathogenic IgG auto-antibodies are produced against desmoglein 3... 11th November, 2008
Department of Dermatology, Keio University School of Medicine,- Int Immunol. 2008 Oct;20(10):1351-60. Epub 2008 Sep 2. ([DOI Direct Link](#))
- [The majority of cutaneous marginal zone B-cell lymphomas expresses class-switched immunoglobulins and develops in a T-helper type 2 inflammatory environment.](#)
Extranodal marginal zone B-cell lymphomas (MZBCLs) arise on a background... 17th October, 2008
Department of Pathology, Academic Medical Center, Amsterdam, The- Blood. 2008 Oct 15;112(8):3355-61. Epub 2008 Aug 7. ([DOI Direct Link](#))
- [Analysis of clonotypic switch junctions reveals multiple myeloma originates from a single class switch event with ongoing mutation in the isotype-switched progeny.](#)
Multiple myeloma (MM) is a cancer of plasma cells (PCs) expressing... 1st October, 2008
Department of Oncology, University of Alberta and Cross Cancer Institute,- Blood. 2008 Sep

- 1;112(5):1894-903. Epub 2008 Jun 24. ([DOI Direct Link](#))
- [Lymphocyte-specific compensation for XLF/cernunnos end-joining functions in V\(D\)J recombination.](#)
*Mutations in XLF/Cernunnos (XLF) cause lymphocytopenia in humans, and...*30th September, 2008
Howard Hughes Medical Institute, The Children's Hospital, The CBR- Mol Cell. 2008 Sep 5;31(5):631-40. ([DOI Direct Link](#))
 - [Regulating antibody diversity: taming a mutagen.](#)
*In a recent issue of Molecular Cell, Conticello et al. (2008) identified a...*30th September, 2008
Laboratory of Molecular Gerontology, National Institute on Aging, National- Mol Cell. 2008 Sep 5;31(5):615-6. ([DOI Direct Link](#))
 - [Structure and consequences of IGH switch breakpoints in Burkitt lymphoma.](#)
*The t(8;14) MYC/IGH breakpoint is the hallmark translocation of human...*25th September, 2008
Department of Pathology and Laboratory Medicine, University Medical Center- J Natl Cancer Inst Monogr. 2008;(39):32-6. ([DOI Direct Link](#))
 - [Recurrent inactivation of the PRDM1 gene in primary central nervous system lymphoma.](#)
*Primary lymphomas of the CNS (PCNSLs) show molecular features of the late...*20th September, 2008
Department of Neuropathology, University Hospital of Cologne, Kerpener- J Neuropathol Exp Neurol. 2008 Jul;67(7):720-7. ([DOI Direct Link](#))
 - [IL-21-induced isotype switching to IgG and IgA by human naive B cells is differentially regulated by IL-4.](#)
*Naive B cells can alter the effector function of their Ig molecule by...*20th August, 2008
Immunology and Inflammation Group, Garvan Institute of Medical Research,- J Immunol. 2008 Aug 1;181(3):1767-79.
 - [The transcription factor Fli-1 modulates marginal zone and follicular B cell development in mice.](#)
*Fli-1 belongs to the Ets transcription factor family and is expressed...*20th August, 2008
Division of Rheumatology and Immunology, Department of Medicine, Medical- J Immunol. 2008 Aug 1;181(3):1644-54.
 - [A fundamental role for interleukin-21 in the generation of T follicular helper cells.](#)
*T cell help to B cells is a fundamental property of adaptive immunity, yet...*13th August, 2008
Department of Immunology, Garvan Institute of Medical Research, 384- Immunity. 2008 Jul;29(1):127-37. Epub 2008 Jul 3. ([DOI Direct Link](#))
 - [Regulation of B cell tolerance by 129-derived chromosome 1 loci in C57BL/6 mice.](#)
*OBJECTIVE: Systemic lupus erythematosus is a multifactorial disease with a...*9th August, 2008
Molecular Genetics and Rheumatology Section, Faculty of Medicine, Imperial- Arthritis Rheum. 2008 Jul;58(7):2131-41. ([DOI Direct Link](#))

Immunoglobulin Class Switching Clinical Trials:



- [The Use of Bacteriophage Phi X174 to Assess the Immune Competence of HIV-Infected Patients In Vivo](#)
HIV Infections



Immunoglobulin Class Switching Patents:

- 6994857- [Albumin fusion proteins](#)
- 7129048- [Loop probe hybridization assay for polynucleotide analysis](#)
- 7135278- [Method of screening for therapeutics for infectious diseases](#)
- 7141547- [Albumin fusion proteins comprising GLP-1 polypeptides](#)
- 7141656- [MHC complexes and uses thereof](#)
- 7163797- [50 human secreted proteins](#)
- 7169925- [Indole derivatives as interleukin-4 gene expression inhibitors](#)
- 7175838- [Use of a promoter of T-cell expansion and an inducer of CD40 stimulation in the treatment or prevention of a pathologic state](#)
- 7175988- [Human G-protein Chemokine Receptor \(CCR5\) HDGNR10](#)
- 7189690- [Albumin fusion proteins](#)
- 7189820- [Antibodies against tumor necrosis factor delta \(APRIL\)](#)
- 7122343- [Methods to alter levels of a DNA repair protein](#)
- 7091315- [Protein HDPBQ71](#)
- 7091037- [DNA encoding a DNA repair protein](#)
- 7026447- [53 human secreted proteins](#)
- 7030219- [B7-DC, Dendritic cell co-stimulatory molecules](#)
- 7033590- [Factor IX/factor IXa activating antibodies and antibody derivatives](#)
- 7037700- [Regulation of human ceramide kinase](#)
- 7041871- [Transgenic non-human animals capable of producing heterologous antibodies](#)
- 7074902- [Antibody specific for a DNA repair protein](#)
- 7074904- [MHC complexes and uses thereof](#)
- 7074905- [Soluble MHC complexes and methods of use thereof](#)
- 7084260- [High affinity human antibodies and human antibodies against human antigens](#)
- 7090843- [Recombinant anti-CD30 antibodies and uses thereof](#)
- 7196164- [Secreted protein HHTLF25](#)
- 7208581- [TRAF family proteins](#)
- 7368106- [Use of a promoter of T-cell expansion and an inducer of CD40 stimulation in the treatment or prevention of a pathologic state](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7371392- [Cd40 ligand adjuvant for respiratory syncytial virus](#)
- 7371572- [Mouse titers after two immunizations with VLPs alone](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7410975- [Small molecule toll-like receptor \(TLR\) antagonists](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7429644- [Humanized anti-LT-.beta.-R antibodies](#)
- 7361331- [Plant bioreactors](#)
- 7335489- [Polynucleotides encoding a protein kinase C inhibitor protein and methods of using these polynucleotides](#)
- 7317090- [Antibodies to Interleukin-4 receptors and uses thereof](#)
- 7226747- [Method of identifying substances which modulate interleukin 4\(IL-4\) signaling](#)
- 7238660- [Albumin fusion proteins](#)

- 7238667- [Albumin fusion proteins](#)
- 7255854- [Use of lymphotoxin-.beta. receptor blocking agents for the treatment of antibody mediated immunological diseases](#)
- 7271156- [Immunostimulatory nucleic acids](#)
- 7279161- [Factor IX/factor IXa activating antibodies and antibody derivatives](#)
- 7279555- [Advanced antigen presentation platform](#)
- 7297336- [Factor IXa specific antibodies displaying factor VIIIa like activity](#)
- 7306919- [Antigen-antibody cancer recognition system](#)
- 7309492- [Soluble lymphotoxin-.beta. receptors as therapeutic agents for the treatment of systemic lupus erythematosus](#)
- 7429645- [Humanized anti-lymphotoxin beta receptor antibodies](#)

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