

Immunogenetics

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Immunogenetics is the branch of medical research that explores the relationship between the immune system and genetics. It is a division of microbiology.



Recent Publications on Immunogenetics:

- [The role of inflammation in alloimmunization to antigens on transfused red blood cells.](#)
*PURPOSE OF REVIEW: To discuss how inflammation affects humoral...*4th October, 2008
Center for Transfusion and Cellular Therapies, Department of Pathology and- Curr Opin Hematol. 2008 Nov;15(6):631-5. ([DOI Direct Link](#))
- [Recovering probabilities for nucleotide trimming processes for T cell receptor TRA and TRG V-J junctions analyzed with IMGTools.](#)
*ABSTRACT: BACKGROUND: Nucleotides are trimmed from the ends of variable...*4th October, 2008
- BMC Bioinformatics. 2008 Oct 2;9(1):408. ([DOI Direct Link](#))
- [How human leukocytes track down and destroy pathogens: lessons learned from the model organism Dictyostelium discoideum.](#)
*Human leukocytes, including macrophages and neutrophils, are phagocytic...*2nd October, 2008
Chemotaxis Signal Section, Laboratory of Immunogenetics, National- Immunol Res. 2008 Oct 1. ([DOI Direct Link](#))
- [Protective and Enhancing HLA Alleles, HLA-DRB1*0901 and HLA-A*24, for Severe Forms of Dengue Virus Infection, Dengue Hemorrhagic Fever and Dengue Shock Syndrome.](#)
*BACKGROUND: Dengue virus (DV) infection is one of the most important...*2nd October, 2008
Department of Immunogenetics, Institute of Tropical Medicine (NEKKEN),- PLoS Negl Trop Dis. 2008 Oct 1;2(10):e304. ([DOI Direct Link](#))
- [Recruitment of activation receptors at inhibitory NK cell immune synapses.](#)
*Natural killer (NK) cell activation receptors accumulate by an...*27th September, 2008
Laboratory of Immunogenetics, National Institute of Allergy and Infectious- PLoS ONE. 2008 Sep 26;3(9):e3278. ([DOI Direct Link](#))
- [Involvement of the Lysophosphatidic Acid-Generating Enzyme Autotaxin in Lymphocyte-Endothelial Cell Interactions.](#)
*Autotaxin (ATX) is a secreted protein with lysophospholipase D activity...*27th September, 2008
From the Department of Microbiology and Immunology,* Laboratory of- Am J Pathol. 2008 Sep 25. ([DOI Direct Link](#))
- [Antibody monitoring: a solid approach to predicting clinical outcome.](#)
*Autotaxin (ATX) is a secreted protein with lysophospholipase D activity...*25th September, 2008
Immunogenetics Laboratory, Johns Hopkins University School of Medicine,- Transplantation. 2008 Sep 27;86(6):768. ([DOI Direct Link](#))

- [Natural selection in the TLR-related genes in the course of primate evolution.](#)
*The innate immune system constitutes the front line of host defense...*24th September, 2008
Laboratory of Genome Diversity, School of Biomedical Science, Tokyo- Immunogenetics. 2008 Sep 23.
([DOI Direct Link](#))
- [Understanding B cell activation: from single molecule tracking, through Tolls, to stalking memory in malaria.](#)
*B lymphocyte activation is initiated by the binding of antigens to the...*24th September, 2008
Laboratory of Immunogenetics, National Institute of Allergy and Infectious- Immunol Res. 2008 Sep 23.
([DOI Direct Link](#))
- [Redox modulation inhibits CD8 T cell effector function.](#)
*The evolutionary preservation of reactive oxygen species in innate...*23rd September, 2008
Diabetes Institute, Division of Immunogenetics, Department of Pediatrics,- Free Radic Biol Med. 2008 Sep 9. ([DOI Direct Link](#))
- [A Common Exonic Variant of Interleukin21 Confers Susceptibility to Atopic Asthma.](#)
*Background: Interleukin (IL)-21, an IL-2 family multifunctional cytokine,...*20th September, 2008
Molecular Immunogenetics Laboratory, Institute of Genomics and Integrative- Int Arch Allergy Immunol. 2008 Sep 19;148(2):137-146. ([DOI Direct Link](#))
- [The Immunological Genome Project: networks of gene expression in immune cells.](#)
*The Immunological Genome Project combines immunology and computational...*19th September, 2008
Section on Immunology and Immunogenetics, Joslin Diabetes Center &- Nat Immunol. 2008 Oct;9(10):1091-4. ([DOI Direct Link](#))
- [Ovine progressive pneumonia provirus levels associate with breed and Ovar-DRB1.](#)
*Previous studies initiated defining the role of host genetics in...*18th September, 2008
U.S. Department of Agriculture, Animal Disease Research Unit, Agricultural- Immunogenetics. 2008 Sep 17. ([DOI Direct Link](#))
- [Methods for assessing gene content diversity of KIR with examples from a global set of populations.](#)
*A number of statistical methods are widely used to describe allelic...*18th September, 2008
The Department of Mathematics and Statistics, University of Vermont,- Immunogenetics. 2008 Sep 17.
([DOI Direct Link](#))
- [Generation of functionally active HIV-1 specific CD8\(+\) CTL in intestinal mucosa following mucosal, systemic or mixed prime-boost immunization.](#)
*Gastrointestinal and vaginal mucosa are major sites of entry in natural...*17th September, 2008
Molecular Immunogenetics and Vaccine Research Section, Vaccine Branch,- Virology. 2008 Sep 13. ([DOI Direct Link](#))

BioNews Results for Immunogenetics

- [UT Medical School receives \\$6 million NIH grant to study scleroderma](#)
Genetic Engineering News: Sep 10 2008 9:12PM Matching: immunogenetics
- [Complement deficiency and disease D J Unsworth J Clin Pathol 2008; 61: 1013-1017. \[Abstract\] \[Full text\] \[PDF\]](#)
Journal of Clinical Pathology: Aug 28 2008 5:10PM Matching: immunogenetics

Immunogenetics Clinical Trials:



- [Immunogenetics of Visceral Leishmaniasis](#)
Visceral Leishmaniasis



Immunogenetics Patents:

- 7390872- [NF- \$\kappa\$ B peptides designed to disrupt NEMO oligomerization](#)
- 7404270- [Tumor antigen](#)
- 7405198- [Glycopegylated erythropoietin](#)
- 7405290- [Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer](#)
- 7408037- [Tumor antigen](#)
- 7408038- [Secreted immunomodulatory proteins](#)
- 7408041- [Polypeptides and antibodies derived from chronic lymphocytic leukemia cells and uses thereof](#)
- 7410643- [Materials and methods relating to fusion proteins for inducing an immune response](#)
- 7410779- [Fusion polypeptides of human serum albumin and a therapeutically active polypeptide](#)
- 7411042- [Tumor associated nucleic acids and uses therefor](#)
- 7414123- [Nucleic acids encoding 7C10 and 16C10 CD80-specific antibodies](#)
- 7402430- [MHC class II antigen-presenting systems and methods for activating CD4^{sup}+ T cells](#)
- 7399849- [Murine monoclonal anti-idiotypic antibody 11D10 and methods of use thereof](#)
- 7399838- [Single chain class I major histocompatibility complexes](#)
- 7390879- [Secreted and transmembrane polypeptides and nucleic acids encoding the same](#)
- 7393529- [Methods and compositions for inhibiting binding of IgE to a high affinity receptor](#)
- 7393634- [Screening for disease susceptibility by genotyping the CCR5 and CCR2 genes](#)
- 7393942- [Nucleic acids encoding mutant forms of Fas ligand](#)
- 7396681- [Application of Hsp70 proteins](#)
- 7399604- [Methods and products related to evaluating the quality of a polysaccharide](#)
- 7399613- [Sialic acid nucleotide sugars](#)
- 7399743- [Targeted thrombolysis](#)
- 7399827- [Page-4, an x-linked gage-like gene expressed in normal and neoplastic prostate, testis and uterus, and uses therefor](#)
- 7399834- [Anti-PRO1558 antibodies](#)
- 7416726- [Enhancement of antibody-mediated immune responses](#)
- 7416727- [Polypeptide variants with altered effector function](#)
- 7425332- [Treatment of autoimmune conditions with Copolymer 1 and related Copolymers](#)
- 7425447- [Host cells expressing 7C10 and 16C10 CD80-specific antibodies](#)
- 7427399- [Antibodies and related molecules that bind to 161P2F10B proteins](#)
- 7427660- [Tumor antigen](#)
- 7427661- [Canine IL-5 proteins and fragments thereof](#)
- 7427665- [Chronic lymphocytic leukemia cell line](#)
- 7427669- [ULBP antibodies](#)
- 7429374- [Process for the measurement of the potency of glatiramer acetate](#)
- 7429461- [Genetic products differentially expressed in tumors and use thereof](#)
- 7429639- [SSX-2 peptides presented by HLA class II molecules](#)

- 7425324- [Antagonists of MCP proteins](#)
- 7420037- [Heat shock protein-based vaccines and immunotherapies](#)
- 7420034- [HLA-A24-restricted cancer antigen peptides](#)
- 7416851- [Method of diagnosis/prognosis of human chronic lymphocytic leukemia comprising the profiling of LPL/ADAM genes](#)
- 7416858- [Pharmaceutical compositions of glycoconjugates](#)
- 7417062- [Substituted arylamides](#)
- 7417121- [Human G-protein coupled receptor, HGPRBMY39](#)
- 7417128- [7C10 and 16C10 CD80-specific antibodies](#)
- 7419669- [Peptide epitopes common to antigens of the same multigene family](#)
- 7419782- [Methods of using a major histocompatibility complex class III haplotype to diagnose Crohn's disease](#)
- 7419785- [Methods and compositions in breast cancer diagnosis and therapeutics](#)
- 7419957- [Peptides of melanoma antigen and their use in diagnostic, prophylactic and therapeutic methods](#)
- 7419958- [Method of attenuating reactions to skin irritants](#)
- 7429650- [Methods and compositions in breast cancer diagnosis and therapeutics](#)

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