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Immunochemistry

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Immunochemistry is a branch of chemistry that involves the study of the reactions and components on the immune system.Various methods in immunochemistry has been developed and refined, and been used in scientific study, from virology to molecular evolution.One of the earliest examples of immunochemistry is the Wasserman test to detect Syphilis. Svante Arrhenius was also one of the pioneers in the field; he published Immunochemistry in 1907 which described the application of the methods of physical chemistry to the study of the theory of toxins and antitoxins.Category:Immune systemit:Immunochimicaja:Ã¥â€¦Â•Ã§â€“Â«Ã¥Å'â€“Ã¥Â-Â¦pt:ImunoquÃƒÂ-mica Immunocompetence 2646623 168683592 2007-11-02T07:06:54Z Mimihitam 4383153 Immunocompetence is the ability of the body to produce a normal immune response following exposure to an antigen. Opposite of immunodeficiency.In reference to lymphocytes, immunocompetence means that a B cell or T cell is mature and can recognize antigens and allow a person to mount an immune response.

Recent Publications on Immunochemistry:

- (-)-Epicatechin gallate accumulates in foamy macrophages in human atherosclerotic aorta: implication in the anti-atherosclerotic actions of tea catechins.
  *The localization and target sites of tea catechins underlying their...*6th September, 2008
  Department of Food Science, Graduate School of Nutrition and Biosciences,- Biochem Biophys Res Commun. 2008 Sep 26;374(3):527-32. Epub 2008 Jul 25. (DOI Direct Link)
- Targeted Transport of (125)I-Labeled Antibody to GFAP and AMVB1 in an Experimental Rat Model of C6 Glioma.
  *Glioblastoma is the most common high-grade glioma characterized by...*5th September, 2008
  Laboratory of Immunochemistry, Serbsky Center for Social and Forensic- J Neuroimmune Pharmacol. 2008 Sep 4. (DOI Direct Link)
- Expanding the roles for pregnane x receptor in cancer: proliferation and drug resistance in ovarian cancer.
  *PURPOSE: We examined the presence of the pregnane X receptor (PXR) and its...*4th September, 2008
  Authors' Affiliations: Division of Gynecologic Oncology, Department of- Clin Cancer Res. 2008 Sep 1;14(17):5332-40. (DOI Direct Link)
- Characterizing intercellular signaling peptides in drug addiction.
  *Intercellular signaling peptides (SPs) coordinate the activity of cells...*30th August, 2008
  Department of Chemistry and Beckman Institute, University of Illinois, 600- Neuropharmacology. 2008 Aug 3. (DOI Direct Link)
- Expression and Localisation of Aquaporin Water Channels in Human Urothelium In Situ and In Vitro.
  *BACKGROUND: Urothelium is generally considered to be impermeable to water...*23rd August, 2008

Jack Birch Unit for Molecular Carcinogenesis, Department of Biology,- Eur Urol. 2008 Aug 13. (DOI Direct Link)

- Administration of M. leprae Hsp65 interferes with the murine lupus progression.
  *The heat shock protein [Hsp] family guides several steps during protein...*22nd August, 2008
  Immunochemistry Laboratory, Instituto Butantan, Sao Paulo, Brazil.- PLoS ONE. 2008 Aug 21;3(8):e3025. (DOI Direct Link)
- 3-Dimensional Neuroanatomy of the Human Fetal Pelvis: Anatomical Support for Partial Urogenital Mobilization in the Treatment of Urogenital Sinus.
  *PURPOSE: Retrospective reviews suggest that the functional outcomes of...*19th August, 2008
  Center for the Study and Treatment of Hypospadias, Department of Urology,- J Urol. 2008 Aug 16. (DOI Direct Link)
- Bcl-2 and Bax expressions in pre-term, term and post-term placentas.
  *PROBLEM: Placental apoptosis-associated protein imbalance might contribute...*19th August, 2008
  Department of Obstetrics, Paulista Medical School, Sao Paulo Federal- Am J Reprod Immunol. 2008 Aug;60(2):172-8. (DOI Direct Link)
- Proteomic analysis of mononuclear cells of patients with minimal-change nephrotic syndrome of childhood.
  *Background/Aims. Recently, peripheral blood mononuclear cell transcriptome...*14th August, 2008
  1Pediatric Nephrology Unit, Department of Pediatrics, Children's Hospital,- Nephrol Dial Transplant. 2008 Aug 12. (DOI Direct Link)
- Specific increase of human kallikrein 4 mRNA and protein levels in breast cancer stromal cells.
  *The kallikrein family (KLK) has been implicated in cancer and may be...*9th August, 2008
  University of Montpellier I, Montpellier, France.- Biochem Biophys Res Commun. 2008 Oct 10;375(1):107-12. Epub 2008 Aug 5. (DOI Direct Link)
- Intrapulmonary glomus tumor in a young woman.
  *A 21-year-old female patient presented with pneumonia and on chest...*7th August, 2008
  University Hospital of Antwerp, Edegem, Belgium.- Interact Cardiovasc Thorac Surg. 2008 Aug 5. (DOI Direct Link)
- Incomplete digestion preserves chondrocytes from dedifferentiating in long-termed culture on plastic substrate.
  *Epiphyseal pieces from young rat's costal cartilage were predigested for...*5th August, 2008
  Second Affiliated Hospital of Medical College of Xi'an Jiaotong- Tissue Cell. 2008 Jul 30. (DOI Direct Link)
- Primary non-Hodgkin's lymphoma of the main hepatic duct junction.
  *A rare case of primary non-Hodgkin's lymphoma of the main hepatic duct...*2nd August, 2008
  Department of Surgery, Kawasaki Municipal Hospital, 12-1 Shinkawadori,- J Hepatobiliary Pancreat Surg. 2008;15(4):440-3. Epub 2008 Aug 1. (DOI Direct Link)
- [Construction of gtfB/CAT eukaryotic expression plasmid of Streptococcus mutans in mammalian cells.]
  *PURPOSE: The study aimed to evaluate the expression of recombinant plasmid...*29th July, 2008
  The Affiliated Stomatology Hospital,Wenzhou Medical College. Wenzhou- Shanghai Kou Qiang Yi Xue. 2008 Jun;17(3):289-92.
- [Inhibitive effects of mifepristone on growth of breast cancer: experiment with rats]
  *OBJECTIVE: To investigate the effects of mifepristone (MIF) on the growth...*25th July, 2008
  Department of Breast Surgery, Shandong Provincial Hospital, Jinan, China.- Zhonghua Yi Xue Za Zhi. 2008 Feb 26;88(8):559-63.

BioNews Results for Immunochemistry

- LifeScience Alley(TM) Conference & Expo Showcase to Highlight Innovative New Technologies

DiGiTAL50: Sep 3 2008 6:16PM Matching: immunochemistry

- LifeScience Alley(TM) Conference & Expo Showcase to Highlight Innovative New Technologies
  Genetic Engineering News: Sep 2 2008 2:24PM Matching: immunochemistry
- Roche Group net earnings at 5.7 billion Swiss francs
  PharmaBiz: Jul 21 2008 1:12PM Matching: immunochemistry

Immunochemistry Clinical Trials:

- The Contribution of Endothelin to Vasomotor Function in Diseased Coronary Arteries
  Atherosclerosis, Coronary

Immunochemistry Patents:

- 7368275- In vivo incorporation of unnatural amino acids
- 7381524- Method to detect antibodies specific for type-2 turkey astrovirus
- 7384796- Assays
- 7385034- Complementary DNAs encoding proteins with signal peptides
- 7387879- Diagnosis of tauopathies
- 7390481- Mammalian cytokine complexes
- 7390670- Signalling compounds and methods for detecting hydrogen peroxide
- 7390885- Humanized collagen antibodies and related methods
- 7393530- IL-1-like cytokine antibodies
- 7393827- Pharmaceutical compositions and methods for restoring .beta.-cell mass and function
- 7399465- Pharmaceutical compositions for treating arthritis and inflammatory disease
- 7378274- Regulatory nucleic acid for the ABC1 gene, molecules modifying its activity and therapeutic uses
- 7378101- Vaccine for periodontal disease
- 7378055- Automated molecular pathology apparatus having fixed slide platforms
- 7368429- Peptide specificity of anti-myelin basic protein and the administration of myelin basic protein peptides to multiple sclerosis patients
- 7371382- Methods of inhibiting .alpha..sub.v.beta..sub.3-mediated binding with .alpha..sub.v.beta..sub.3-specific antibodies
- 7371525- Compositions and methods for diagnosing and treating severe acute respiratory syndrome (SARS)
- 7371582- Lateral flow quantitative assay method and strip and laser-induced fluorescence detection device therefor
- 7371726- Neutralizing GDF8 epitope-based growth enhancing vaccine
- 7371826- Polypeptide variants with altered effector function

- 7374874- Bacteriophages that infect Bacillus bacteria (Anthrax)
- 7374909- Modulators of intracellular inflammation, cell death and cell survival pathways
- 7374944- Device and bioanalytical method utilizing asymmetric biofunctionalized membrane
- 7374950- Immunoassay device for diagnosing congestive heart failure and predicting mortality in congestive heart failure patients
- 7399589- Immunological detection of RNA:DNA hybrids on microarrays
- 7399599- Ion channel assay methods
- 7413864- Treating cancer using a telomerase vaccine
- 7413884- Immunological control of .beta.-amyloid levels in vivo
- 7414108- Composition and method for producing an immune response against tumor-related antigens
- 7416726- Enhancement of antibody-mediated immune responses
- 7416727- Polypeptide variants with altered effector function
- 7416849- HBM variants that modulate bone mass and lipid levels
- 7417096- Preparation of transition metal nanoparticles and surfaces modified with (CO) polymers synthesized by RAFT
- 7417122- Mammalian galanin receptors
- 7417136- Nucleic acid vaccines for prevention of flavivirus infection
- 7417213- Apparatus and method for rapid microscopic image focusing having a movable objective
- 7411041- DCRS5 polypeptides
- 7411002- Polycationic sulfonamides and use thereof
- 7410753- Removal of embedding media from biological samples and cell conditioning on automated staining instruments
- 7399636- Diagnostic kit for predicting pregnancy outcome
- 7399830- Synaptic activation protein compositions and method
- 7399849- Murine monoclonal anti-idiotype antibody 11D10 and methods of use thereof
- 7402298- EphA2 monoclonal antibodies and methods of making and using same
- 7402575- Methods of treating inflammation
- 7404912- Salicylamide-lanthanide complexes for use as luminescent markers
- 7404927- Automated molecular pathology apparatus having fixed slide platforms
- 7405056- Tissue punch and tissue sample labeling methods and devices for microarray preparation, archiving and documentation
- 7407766- Screening method for agonists or antagonists of semaphorin 6C by determining the effect of a test compound on the interaction between semaphorin 6C and plexin-A1
- 7407813- Assays
- 7419814- Mammalian sphingosine kinase type 2 isoforms, cloning, expression and methods of use thereof

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