

# Immunodiffusion

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Immunodiffusion is a diagnostic test which involves diffusion through a substance such as agar. One commonly known form is Ouchterlony double immuno diffusion. ([From the Wikipedia article Immunodiffusion](#) .)



## Recent Publications on Immunodiffusion:

- [Detection of antinuclear antibodies by the Inno-Lia ANA update test in canine systemic rheumatic disease.](#)  
*Background: Certain systemic autoimmune diseases in dogs are characterized...* 6th November, 2009  
The Department of Clinical Sciences, Swedish University of Agricultural- Vet Clin Pathol. 2009 Nov 3. ([DOI Direct Link](#))
- [Hypersensitivity pneumonitis in a greenhouse rose grower](#)  
*A 54-year-old woman presented with chronic cough. She had been engaged in...* 4th November, 2009  
Department of Respiratory Medicine, the University of Tokyo Hospital.- Nihon Kokyuki Gakkai Zasshi. 2009 Oct;47(10):960-4.
- [Hypersensitivity pneumonitis induced by Hypsizigus marumoreus](#)  
*We present the case of a 53-year-old woman who was employed at a mushroom...* 4th November, 2009  
Department of Respiratory Medicine, Saitama Cardiovascular and Respiratory- Nihon Kokyuki Gakkai Zasshi. 2009 Oct;47(10):881-9.
- [Biological activity of native and modified lipopolysaccharides of Pragia fontium](#)  
*Modified lipopolysaccharides (LPS) of Pragia fontium were obtained with...* 3rd November, 2009  
- Ukr Biokhim Zh. 2009 Jan-Feb;81(1):31-40.
- [Prevalence of failure of passive transfer of immunity in newborn heifer calves and associated management practices on US dairy operations.](#)  
*Failure of passive transfer of immunity (FPT) in dairy replacement calves...* 20th October, 2009  
USDA:APHIS:VS, Centers for Epidemiology and Animal Health, 2150 Centre- J Dairy Sci. 2009 Aug;92(8):3973-80. ([DOI Direct Link](#))
- [Chapter 2: coccidioidomycosis.](#)  
*Coccidioidomycosis is a systemic mycosis caused by the dimorphic fungi...* 13th October, 2009  
Universidade Federal- J Bras Pneumol. 2009 Sep;35(9):920-30.
- [Immune, inflammatory, and nutritional protein profile in children with iron deficiency in Cote d'Ivoire](#)  
*Throughout the world and particularly in sub-Saharan Africa, deficiencies...* 6th October, 2009  
Laboratoire de pharmacodynamie biochimique, UFR biosciences, Universite de- Sante. 2009 Jan-Mar;19(1):25-8. ([DOI Direct Link](#))
- [Serum alpha-1-acid glycoprotein concentration in clinically healthy puppies and adult dogs and in dogs with various diseases.](#)

- Background: alpha-1-acid glycoprotein (AGP) is an acute-phase protein and...* 19th September, 2009  
Yuki Animal Hospital, Nagoya, Aichi, Japan.- Vet Clin Pathol. 2009 Sep 15. ([DOI Direct Link](#))
- [\[Dynamics of parameters of autonomous regulation, humoral immunity and neuroendocrine system in acute brain injury with fatal outcome\]](#)  
*Twenty-two patients with brain injury who died within 24 days after...* 10th September, 2009  
- Zh Nevrol Psikhiatr Im S S Korsakova. 2009;109(8):11-5.
  - [\[Expression of human Id-2 gene in Escherichia coli and preparation of the antisera against human Id-2\]](#)  
*OBJECTIVE: To express the fusion protein of glutathione S-transferase...* 4th September, 2009  
National Key Laboratory of Veterinary Biotechnology, Harbin Veterinary- Nan Fang Yi Ke Da Xue Xue Bao. 2009 Jun;29(6):1094-7.
  - [\[Detection of serotype k Streptococcus mutans in Thai subjects.\]](#)  
*INTRODUCTION: Streptococcus mutans, known to be a pathogen of dental...* 26th August, 2009  
Department of Microbiology, Mahidol University Faculty of Dentistry,- Oral Microbiol Immunol. 2009 Oct;24(5):431-3. ([DOI Direct Link](#))
  - [\[An evaluation of avian influenza diagnostic methods with domestic duck specimens.\]](#)  
*Monitoring of poultry, including domestic ducks, for avian influenza (AI)...* 25th August, 2009  
Southeast Poultry Research Laboratory, USDA, Agricultural Research- Avian Dis. 2009 Jun;53(2):276-80.
  - [\[ICChI, a glycosylated chitinase from the latex of Ipomoea carnea.\]](#)  
*A multi-functional enzyme ICChI with chitinase/lysozyme/exochitinase...* 18th August, 2009  
Molecular Biology Unit, Institute of Medical Sciences, Banaras Hindu- Phytochemistry. 2009 Jul;70(10):1210-6. Epub 2009 Aug 13. ([DOI Direct Link](#))
  - [\[Purification and classification of three lipovitellin subtypes in the marbled sole \(Pleuronectes yokohamae\).\]](#)  
*An immunological analysis using subtype-specific antisera of the major...* 12th August, 2009  
Faculty of Fisheries Sciences, Hokkaido University, Hakodate, Hokkaido- Zoolog Sci. 2009 Jul;26(7):510-6. ([DOI Direct Link](#))
  - [\[Characteristics of Environmental Paracoccidioides brasiliensis Isolates.\]](#)  
*The ecological niche or exact habitat of the fungus Paracoccidioides...* 5th August, 2009  
Discipline of Mycology, Federal University of Para, Para, Brazil.- Mycopathologia. 2009 Aug 4. ([DOI Direct Link](#))

## BioNews Results for Immunodiffusion

- [\[New ProtoCOL 2 System Speeds Up Quality Testing of Swine Flu Vaccines - With Innovative Zone Measurement to Re\]](#)  
*BioPortfolio: Oct 20 2009 9:19AM Matching: immunodiffusion*

## Immunodiffusion Clinical Trials:



- [\[H5 Adult - Chiron Study of Bird Flu Vaccine\]](#)





## Immunodiffusion Patents:

- 7584059- [Inhibition of immune complex formation](#)
- 7592434- [Pectate lyases, nucleic encoding them and methods for making and using them](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7595047- [Compositions and methods for promoting or inhibiting angiogenesis](#)
- 7595151- [Methods and compositions for diagnosis and treatment of influenza](#)
- 7595154- [Method of detecting a neoplasia associated with an activating platelet derived growth factor receptor alpha \(PDGFRA\) mutation](#)
- 7595307- [Polysaccharide derivatives and uses in induction of an immune response](#)
- 7597886- [Tumor necrosis factor-gamma](#)
- 7597888- [Glycoprotein VI and uses thereof](#)
- 7597890- [Methods and compositions for diagnosing lung cancer](#)
- 7597908- [Use of microparticles with adsorbed antigen to stimulate immune responses](#)
- 7592427- [Antibodies to IL-21 receptor](#)
- 7592422- [Modified plasminogen activator inhibitor type-1 and methods based thereon](#)
- 7592010- [Albumin fusion proteins](#)
- 7585504- [High affinity antibodies against HMGB1 and methods of use thereof](#)
- 7585507- [Nucleic acid molecules and polypeptides for immune modulation](#)
- 7585622- [Increasing the proliferative capacity of cells using telomerase reverse transcriptase](#)
- 7585634- [Method of predicting risk of lung cancer recurrence, and a composition, kit and microarray for the same](#)
- 7585859- [PDE4B inhibitors and uses therefor](#)
- 7588774- [Molecules enhancing dermal delivery of influenza vaccines](#)
- 7588904- [Perinucleolar compartment as a cancer marker](#)
- 7588915- [Isolated genomic polynucleotide fragments from chromosome 7](#)
- 7588916- [T1R taste receptors and genes encoding same](#)
- 7589167- [ZA loops of bromodomains](#)
- 7598028- [Compositions and methods for detecting and treating prostate disorders](#)
- 7598052- [Expression profile of thyroid cancer](#)
- 7605238- [Human CTLA-4 antibodies and their uses](#)
- 7608260- [Stabilized immunoglobulins](#)
- 7608262- [Methods of preventing or treating thrombosis with tumor necrosis factor antagonists](#)
- 7608413- [Kidney disease targets and uses thereof](#)
- 7608755- [Inositol polyphosphate kinase genes and uses thereof](#)
- 7611703- [Kidney disease targets and uses thereof](#)
- 7611858- [Detection of cannabinoid receptor biomarkers and uses thereof](#)
- 7611892- [Prostate-specific or testis-specific nucleic acid molecules, polypeptides, and diagnostic and therapeutic methods](#)
- 7612171- [DB, the receptor for leptin, nucleic acids encoding the receptor, and uses thereof](#)
- 7612178- [Anti-IGF-1R antibodies and uses thereof](#)
- 7605236- [Antibodies that immunospecifically bind to B lymphocyte stimulator protein](#)
- 7605168- [PDE4B inhibitors](#)
- 7605128- [Neurogenerative or neurotrophic factors for mitigating a symptom of ischemia](#)
- 7598340- [Monoclonal antibody to a human MDR1 multidrug resistance gene product, and uses](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)

- 7598355- [Characterization of GRP94-ligand interactions and purification, screening, and therapeutic methods relating thereto](#)
- 7601351- [Antibodies against protective antigen](#)
- 7601359- [Compositions and methods for the prevention and treatment of primary and metastatic neoplastic diseases and infectious diseases with heat shock/stress proteins](#)
- 7601508- [Whitefly ecdysone receptor polypeptide and methods](#)
- 7601513- [Recombinant methods for expressing a functional umami \(T1R1/T1R3\) taste receptor](#)
- 7601527- [.alpha.-amylase variants](#)
- 7601535- [Cell culture media for enhanced protein production](#)
- 7601829- [Nucleic acids and proteins of insect Or83b odorant receptor genes and uses thereof](#)
- 7615229- [Mutants of the P4 protein of nontypable Haemophilus influenzae with reduced enzymatic activity](#)

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