

Measles

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Measles, also known as rubeola, is a disease caused by a virus, specifically a paramyxovirus of the genus Morbillivirus. Measles is spread through respiration, and is highly contagious—90% of people without immunity sharing a house with an infected person will catch it. Airborne precautions should be taken for all suspected cases of measles. The incubation period usually lasts for 4–12 days. Infected people remain contagious from the appearance of the first symptoms until 3–5 days after the rash appears. Reports of measles go as far back to at least 600 B.C. however, the first scientific description of the disease and its distinction from smallpox is attributed to the Persian physician Ibn Razi 860-932 who published a book entitled "Smallpox and Measles". In 1954, the virus causing the disease was isolated from an 11-year old boy from the US, David Edmonston, and adapted and propagated on chick embryo tissue culture. To date, 21 strains of the measles virus have been identified. Licensed vaccines to prevent the disease became available in 1963. German measles is an unrelated condition caused by the rubella virus. ([From the Wikipedia article Measles.](#))

Recent Publications on Measles:



- [Wild-type measles virus infection of primary epithelial cells occurs via the basolateral surface without syncytium formation or release of infectious virus.](#)
*The lymphotropic and myelotropic nature of wild-type measles virus (wt-MV)...*20th November, 2009
The Queen's University of Belfast;- J Gen Virol. 2009 Nov 18. ([DOI Direct Link](#))
- [Meeting of the International Task Force for Disease Eradication, June 2009. la Societe des Nations = Weekly epidemiological record / Health Section of the Secretariat of the League of Nations](#)
*In recent years the frequency of nonsmokers among lung cancer patients has...*18th November, 2009
- Wkly Epidemiol Rec. 2009 Oct 30;84(44):459-66.
- [Update on rheumatic manifestations of infectious diseases.](#)
*PURPOSE OF REVIEW: As infectious diseases continue to emerge, and as...*17th November, 2009
Oregon Health & Science University, Portland, Oregon, USA.- Curr Opin Rheumatol. 2009 Nov 11. ([DOI Direct Link](#))
- [Measles vaccine adverse events reported in the mass vaccination campaign of Sichuan province, China from 2007 to 2008.](#)
*The aim of this study was to characterize the adverse events of attenuated...*17th November, 2009
Department of Paediatrics, West China Second Hospital, Sichuan University,- Vaccine. 2009 Nov 9. ([DOI Direct Link](#))
- [Overview of known non-human primate pathogens with potential to affect colonies used for toxicity testing.](#)
*The increased demand for non-human primates (NHPs) in biomedical research...*17th November, 2009
Bristol-Myers Squibb Research and Development, Discovery Toxicology,- J Immunotoxicol. 2009 Nov

13. ([DOI Direct Link](#))
- [MEASLES OUTBREAK IN AN ORPHANAGE: HIV-INFECTED CHILDREN ON ANTIRETROVIRAL THERAPY ARE STILL AT RISK.](#)
*An outbreak of measles occurred in an orphanage in Chiang Mai, Thailand...*13th November, 2009
 From the *Research Institute for Health Sciences, Chiang Mai University,- *Pediatr Infect Dis J.* 2009 Nov 10. ([DOI Direct Link](#))
 - [\[Vaccination against chickenpox, shingles and rotavirus-infection\]](#)
*The Dutch National Immunisation Programme (NIP) has been very successful...*11th November, 2009
 Erasmus Medisch Centrum-Sophia, Rotterdam, The Netherlands.- *Ned Tijdschr Geneesk.* 2009;153:A913.
 - [\[Initial results and evaluation of igg antibody levels for measles, mumps, rubella and chickenpox viruses in young adults born in 1989\]](#)
*The study presents results of the examination of IgG antibody levels for...*11th November, 2009
 Mazowieckie Centrum Leczenia Chorob Pluc i Gruzlicy, 05-400 Otwock ul.- *Przegl Epidemiol.* 2009;63(3):363-7.
 - [Measles virus: evidence for association with lung cancer.](#)
*In recent years the frequency of nonsmokers among lung cancer patients has...*10th November, 2009
 Department of Pathology, Soroka University Medical Center, Beer Sheva,- *Exp Lung Res.* 2009 Oct;35(8):701-12.
 - [Demonstration of anti-tumor activity of oncolytic measles virus strains in a malignant pleural effusion breast cancer model.](#)
*Breast cancer is the second leading cause of malignant effusions in cancer...*7th November, 2009
 Mayo Clinic, 200 First Street SW, Rochester, MN, 55905, USA.- *Breast Cancer Res Treat.* 2009 Nov 6. ([DOI Direct Link](#))
 - [From the mind to the hands.](#)
*There are times when the unseen becomes seen. Two recent events...*7th November, 2009
 - *Aust Fam Physician.* 2009 Sep;38(9):661.
 - [Low immunity to measles and rubella among female guest workers, northern Mariana Islands.](#)
*There are times when the unseen becomes seen. Two recent events...*7th November, 2009
 - *Emerg Infect Dis.* 2009 Nov;15(11):1872-4.
 - [\[Case-surveillance of measles in Aichi Prefecture in 2007\]](#)
*PURPOSE: Under the Japanese Infectious Disease Prevention Law, measles was...*7th November, 2009
 Aichi Prefectural Institute of Public Health.- *Nippon Koshu Eisei Zasshi.* 2009 Sep;56(9):674-81.
 - [IgG antibodies against measles, rubella, and varicella zoster virus predict conversion to multiple sclerosis in clinically isolated syndrome.](#)
*BACKGROUND: Multiple sclerosis (MS) is characterized by a polyspecific...*6th November, 2009
 Department of Neurology, University of Ulm, Ulm, Germany.- *PLoS One.* 2009 Nov 5;4(11):e7638. ([DOI Direct Link](#))

BioNews Results for Measles

- [Mumps cases rise](#)
Retford Times: Nov 19 2009 10:56AM Matching: measles
- [HTDS' MMR vaccine passes SFDA's First Drug Evaluation](#)
Bio Spectrum Asia: Nov 19 2009 8:02AM Matching: measles
- [Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Individual.com: Nov 17 2009 9:52AM Matching: measles
- [VIETNAM BECOMES SELF-SUFFICIENT IN MEASLES VACCINE](#)
Individual.com: Nov 17 2009 9:52AM Matching: measles

- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Birmingham Business Journal: Nov 16 2009 8:55PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Business Journal of Tampa Bay: Nov 16 2009 8:55PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Reuters: Nov 16 2009 8:49PM Matching: measles
- ['Hard To Treat Diseases' MMR Vaccine Gets Approval From Chinese SFDA's 'First Drug Evaluation' - Quick Facts](#)
RTTNews.com: Nov 16 2009 8:40PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Street Insider: Nov 16 2009 8:28PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Houston Chronicle: Nov 16 2009 8:22PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese](#)
PR Newswire via MSN Money: Nov 16 2009 8:22PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
Stockwatch: Nov 16 2009 8:21PM Matching: measles
- ['Hard to Treat Diseases' \(HTDS\) MMR Vaccine Passed the Chinese SFDA's 'First Drug Evaluation'](#)
PR Newswire via Yahoo!: Nov 16 2009 8:20PM Matching: measles
- ['Swine Flu and the Global Vaccine Shortage](#)
Epoch Times: Nov 16 2009 7:41PM Matching: measles
- ['India Needs to Buck Up in Measles Fight](#)
MedIndia: Nov 13 2009 4:19AM Matching: measles

Measles Patents:



- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7604810- [Conserved Neisserial antigens](#)
- 7604935- [Soluble rubella E1 envelope protein variants](#)
- 7604960- [Transient protein expression methods](#)
- 7605138- [Nucleic acid compositions for stimulating immune responses](#)
- 7605236- [Antibodies that immunospecifically bind to B lymphocyte stimulator protein](#)
- 7605238- [Human CTLA-4 antibodies and their uses](#)
- 7605270- [Polymorphic forms of \(S\)-tetrahydrofuran-3-yl-3-\(3-\(3-methoxy-4-\(oxazol-5-yl\) phenyl\) ureido\) benzylcarbamate](#)
- 7608257- [Sensitization of chemotherapeutic agent resistant neoplastic cells with a virus](#)
- 7608265- [Treatment for bacterial infections](#)
- 7608267- [Multifunctional cytokines](#)
- 7604802- [Method of obtaining cellular immune responses from proteins](#)
- 7604801- [Methods for detecting parvovirus infections](#)
- 7601745- [Heterocyclic NF-kB inhibitors](#)
- 7598355- [Characterization of GRP94-ligand interactions and purification, screening, and therapeutic methods relating thereto](#)
- 7598382- [Aryl substituted imidazoquinolines](#)

- 7598421- [Materials for the delivery of biologically-active material to cells](#)
- 7599726- [System and methods for processing analyte sensor data](#)
- 7601342- [Cell fusions and methods of making and using the same](#)
- 7601343- [Methods for treating cancers and pathogen infections using antigen-presenting cells loaded with RNA](#)
- 7601355- [Compositions and methods for altering immune function](#)
- 7601356- [Methods and compositions for increasing replication capacity of an influenza virus](#)
- 7601359- [Compositions and methods for the prevention and treatment of primary and metastatic neoplastic diseases and infectious diseases with heat shock/stress proteins](#)
- 7601507- [Electronic methods for the detection of analytes](#)
- 7608271- [Modified human immunodeficiency virus anti-fusogenic GP41 peptides comprising a maleimide-containing group](#)
- 7608276- [Staphylococcus aureus proteins and nucleic acids](#)
- 7613491- [Silicone based membranes for use in implantable glucose sensors](#)
- 7615007- [Analyte sensor](#)
- 7615209- [Compositions of NDV and methods of use thereof for treatment of cancer](#)
- 7615223- [Selected immunoconjugates for binding to aminophospholipids](#)
- 7615530- [Immunogenic compositions and methods of use](#)
- 7615539- [Nucleic acid-lipophilic conjugates](#)
- 7615618- [Oligonucleotides comprising a non-phosphate backbone linkage](#)
- 7618632- [Method of treating or ameliorating an immune cell associated pathology using G1TR ligand antibodies](#)
- 7618636- [Antigenic meningococcal peptides](#)
- 7618637- [Heat shock protein-based vaccines and immunotherapies](#)
- 7612192- [Neisseria genomic sequences and methods of their use](#)
- 7612173- [Vaccine for prevention and treatment of HIV-infection](#)
- 7611910- [Method for diagnosis of alzheimer's disease](#)
- 7608425- [Methods for protein expression in mammalian cells in serum-free medium](#)
- 7608427- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7608428- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7608431- [Fed-batch process for production of erythropoietin in human embryonic retina cells that express adenovirus E1A](#)
- 7608598- [Use of lipid conjugates in the treatment of conjunctivitis](#)
- 7608699- [Synthetic nuclear localization signal derived from lentiviral integrase and methods of use thereof](#)
- 7611481- [Transdermal delivery device](#)
- 7611704- [Compositions and methods for treating viral infections using antibodies and immunoconjugates to aminophospholipids](#)
- 7611721- [Adjuvant combination formulations](#)
- 7611879- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor](#)
- 7618641- [Functionally reconstituted viral membranes containing adjuvant](#)

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