

## PathoGenesis Corporation

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PathoGenesis Corporation develops and markets novel drugs to treat serious, chronic human infectious diseases where there is a significant need for improved therapy. In December 1997, the U. S. Food and Drug Administration approved our first drug, TOBI (tobramycin solution for inhalation). TOBI is indicated for the management of cystic fibrosis (CF) patients with *Pseudomonas aeruginosa* lung infections. PathoGenesis Corporation began marketing TOBI in 1998 in the U.S., and generated \$60.7 million in sales during the year. TOBI was approved for sale in Canada and Argentina in February 1999. PathoGenesis Corporation have filed for regulatory approvals in Europe and Australia. Applications in other countries are pending.

### Recent Publications by PathoGenesis Corporation:



- [Use of a novel real-time PCR technique to monitor and quantitate \*Mycoplasma bovis\* infection in cattle herds with mastitis and respiratory disease.](#)  
*Mycoplasma bovis* infection of cattle tends to persist in affected herds...21st November, 2009  
Institute of Molecular Pathogenesis, Friedrich-Loeffler-Institut, Federal- Vet J. 2009 Nov 17. ([DOI Direct Link](#))
- [The U24 protein from human herpesvirus 6 and 7 affects endocytic recycling.](#)  
*Modulation of T cell receptor expression and signaling is essential to the...*20th November, 2009  
Department of Molecular and Cell Biology, Division of Immunology and- J Virol. 2009 Nov 18. ([DOI Direct Link](#))
- [Newcastle disease virus-vectored vaccines expressing the hemagglutinin or neuraminidase protein of H5N1 highly pathogenic avian influenza virus protect against virus challenge in monkeys.](#)  
*H5N1 highly pathogenic avian influenza virus (HPAIV) causes periodic...*20th November, 2009  
Laboratory of Infectious Diseases, National Institute of Allergy and- J Virol. 2009 Nov 18. ([DOI Direct Link](#))

- [Epitopes for broad and potent neutralizing antibody responses during chronic infection with human immunodeficiency virus type 1.](#)  
*Neutralizing antibody (nAb) response is sporadic and has limited potency...*20th November, 2009  
Division of Viral Pathogenesis, Department of Medicine, Beth Israel- Virology. 2009 Nov 16. ([DOI Direct Link](#))
- [Atypical scrapie: Impact on eradication policies.](#)  
*Neutralizing antibody (nAb) response is sporadic and has limited potency...*17th November, 2009  
Molecular Pathogenesis and Genetics Department, Veterinary Laboratories- Vet J. 2009 Nov 10. ([DOI Direct Link](#))
- [Envelope vaccination shapes viral envelope evolution following SIV infection in rhesus monkeys.](#)  
*The evolution of envelope mutations by replicating primate...*13th November, 2009  
Division of Viral Pathogenesis, Department of Medicine, Beth Israel- J Virol. 2009 Nov 11. ([DOI Direct Link](#))
- [The BosR regulatory protein of Borrelia burgdorferi interfaces with the RpoS regulatory pathway and modulates both the oxidative stress response and pathogenic properties of the Lyme disease spirochete.](#)  
*Borrelia burgdorferi, the Lyme disease spirochete, adapts as it moves...*13th November, 2009  
Department of Microbial and Molecular Pathogenesis, College of Medicine,- Mol Microbiol. 2009 Nov 10. ([DOI Direct Link](#))
- [Differences among group A streptococcus epidemiological landscapes: consequences for M protein-based vaccines?](#)  
*Group A streptococcus (GAS) is a bacterial pathogen responsible for a wide...*13th November, 2009  
Bacterial Pathogenesis Laboratory, Queensland Institute of Medical- Expert Rev Vaccines. 2009 Nov 11. ([DOI Direct Link](#))
- [N-linked glycan-dependent interaction of CD63 with CXCR4 at the Golgi apparatus induces downregulation of CXCR4.](#)  
*ABSTRACT Efficient downregulation of CXCR4 cell surface expression by...*12th November, 2009  
Laboratory of Viral Pathogenesis, Institute for Virus Research, Kyoto- Microbiol Immunol. 2009 Nov;53(11):629-35. ([DOI Direct Link](#))
- [Determinants of survival in progressive multifocal leukoencephalopathy.](#)  
*BACKGROUND: We sought to characterize the role of immunologic, virologic,...*11th November, 2009  
Division of Viral Pathogenesis, BIDMC, Harvard Medical School, Boston, MA- Neurology. 2009 Nov 10;73(19):1551-8. ([DOI Direct Link](#))
- [A novel class of meso-tetrakis-porphyrin derivatives exhibit potent activities against hepatitis C virus genotype 1b replicons in vitro.](#)  
*Recent years have seen the rapid advancement of new therapeutic agents...*11th November, 2009  
Department of Pharmacology, Yale University School of Medicine, New Haven,- Antimicrob Agents Chemother. 2009 Nov 9. ([DOI Direct Link](#))
- [Polar localization of the CckA histidine kinase and cell cycle periodicity of the essential master regulator CtrA in Caulobacter crescentus.](#)  
*The phosphorylated form of the response regulator CtrA represses DNA...*10th November, 2009  
Department of Molecular, Cellular and Developmental Biology, Yale- J Bacteriol. 2009 Nov 6. ([DOI Direct Link](#))
- [Novel metal-binding site of Pseudomonas reinekei MT1 trans-dienelactone hydrolase.](#)  
*Pseudomonasreinekei MT1 is capable of growing on 4- and 5-chlorosalicylate...*10th November, 2009  
Division of Microbial Pathogenesis, HZI - Helmholtz Centre for Infection- Biochem Biophys Res Commun. 2009 Nov 4. ([DOI Direct Link](#))
- [Viral Genetic Determinants of Nonprogressive HIV Type 1 Subtype C Infection in Antiretroviral Drug-Naive Children.](#)  
*Abstract Characterization of HIV-1 from slow progressors is important to...*10th November, 2009  
1 HIV Pathogenesis Research Laboratory, Department of Molecular Medicine- AIDS Res Hum Retroviruses. 2009 Nov 6. ([DOI Direct Link](#))
- [Biologic Activities of the TolC-like Protein of Neisseria meningitidis as Assessed by Functional](#)

[Complementation in Escherichia coli.](#)

*Neisseria meningitidis* can produce a TolC-like protein needed for...4th November, 2009  
Department of Microbiology and Immunology, Emory University School of- Antimicrob Agents  
Chemother. 2009 Nov 2. ([DOI Direct Link](#))

**Press Releases on PathoGenesis Corporation:**

<a href="#">Heska Announces Supply Agreement With Roche Diagnostics</a>	25th November, 2009	Heska Corporation	LOVELAND, Colo., Nov. 25 /PRNewswire-FirstCall/ -- Heska Corporation (Nasdaq: HSKA); ("Heska"), a leading provider of advanced diagnostic and specialty products to the veterinary industry, COLLEGE PARK, Md., Nov. 25 /PRNewswire-USNewswire/ --
<a href="#">Remedium Technologies Wins Most Promising Security Idea at Global Security Challenge 2009 with Blood-Clotting Foam</a>	25th November, 2009	Maryland Technology Enterprise Institute	Remedium Technologies Inc., a company developing a shaving cream-like foam that stops severe bleeding, won first prize and \$10,000 in the Most
<a href="#">Video: Genworth Recognizes the Nation's Caregivers in New Ad Campaign</a>	25th November, 2009	Genworth Financial	RICHMOND, Va., Nov. 25 /PRNewswire-FirstCall/ -- There are 120 million reasons to recognize caregivers in the U.S., and Genworth Financial (NYSE: GNW) will celebrate and give thanks to these men and
<a href="#">AMPAC Fine Chemicals Receives Prestigious Award at California's Annual Statewide Environmental Summit</a>	25th November, 2009	AMPAC Fine Chemicals LLC	RANCHO CORDOVA, Calif., Nov. 25 /PRNewswire/ -- AMPAC Fine Chemicals LLC (AFC), a subsidiary of American Pacific Corporation (Nasdaq: APFC) announced today that it received the Environmental
<a href="#">Cytochroma to Present at 21st Annual Piper Jaffray Health Care Conference</a>	25th November, 2009	Cytochroma	MARKHAM, ON, Nov. 25 /PRNewswire/ - Cytochroma today announced that Charles W. Bishop, PhD, President and CEO, will be presenting a corporate overview at the 21st Annual Piper Jaffray Health Care

**BioNews Results for PathoGenesis Corporation**



- [Epidermal Barrier Dysfunction in Non-Atopic HIV: Evidence for an Inside-to-Outside Pathogenesis](#)  
*Journal of Investigative Dermatology: Nov 19 2009 10:05AM Matching: pathogenesis*
- [Possible Roles of IL-27 in the Pathogenesis of Psoriasis](#)  
*Journal of Investigative Dermatology: Nov 19 2009 10:05AM Matching: pathogenesis*
- [Pathogenesis of inflammatory bowel disease \(IBD\)](#)  
*MDLinx: Nov 11 2009 10:59AM Matching: pathogenesis*
- [Medical News: New Three-Year Grant From The Bill & Melinda Gates Foundation Announced By Keystone Symposia](#)  
*BioFind: Nov 9 2009 1:32PM Matching: pathogenesis*
- [Medical News: New Three-Year Grant From The Bill & Melinda Gates Foundation Announced By Keystone Symposia](#)  
*BioFind: Nov 9 2009 1:31PM Matching: pathogenesis*
- [New Three-Year Grant From The Bill & Melinda Gates Foundation Announced By Keystone Symposia](#)  
*Medical News Today: Nov 9 2009 9:38AM Matching: pathogenesis*
- [Juvenile Dermatomyositis: Advances in Pathogenesis, Evaluation, and Treatment](#)  
*MDLinx: Nov 9 2009 11:53AM Matching: pathogenesis*
- [Pathogenesis similarities seen in early onset, adult IBD](#)  
*SmartBrief: Nov 6 2009 7:27PM Matching: pathogenesis*
- [Inflammation in the Intestinal Tract: Pathogenesis and Treatment](#)  
*MDLinx: Nov 6 2009 1:20PM Matching: pathogenesis*
- [Research and Markets: Annals of the New York Academy of Sciences, Immunology of Diabetes V](#)  
*RBC Dain Rauscher: Nov 5 2009 6:35PM Matching: pathogenesis*
- [Leprosy: Man's persistent companion](#)  
*News-Medical.Net: Nov 4 2009 8:53AM Matching: pathogenesis*
- [Mankind And Leprosy Bacteria](#)  
*Medical News Today: Nov 3 2009 4:43PM Matching: pathogenesis*
- [Medical News: Mankind And Leprosy Bacteria](#)  
*Medical News Today: Nov 3 2009 3:52PM Matching: pathogenesis*
- [Medical News: Mankind And Leprosy Bacteria](#)  
*Medical News Today: Nov 3 2009 3:51PM Matching: pathogenesis*
- [The entwined destinies of mankind and leprosy bacteria](#)  
*Research & Development: Nov 2 2009 4:57PM Matching: pathogenesis*

## PathoGenesis Corporation Patents:



- 6087358- [Nitro-\[2,1-b\]imidazopyran compounds and antibacterial uses thereof](#)
- 5441955- [Indolo\[2,1-b\]quinazoline-6,12-dione antibacterial compounds and methods of use thereof](#)
- 5508269- [Aminoglycoside formulation for aerosolization](#)
- 5668127- [Nitroimidazole antibacterial compounds and methods of use thereof](#)
- 5679515- [Mycobacterial reporter strains and uses thereof](#)
- 5700683- [Virulence-attenuating genetic deletions deleted from mycobacterium BCG](#)
- 5716584- [Device for the synthesis of compounds in an array](#)
- 5759780- [Methods for enriching target nucleic acid sequences](#)
- 5767068- [Pure biologically active colistin, its components and a colistin formulation for treatment of](#)

[pulmonary infections](#)

- 6083922- [Method and a tobramycin aerosol formulation for treatment prevention and containment of tuberculosis](#)
- 5399558- [Isoflavonoid antibacterial compounds, compositions and use](#)

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