

# Alpha-1 Antitrypsin Deficiency

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## Recent Publications on Alpha-1 Antitrypsin Deficiency:



- [CT scan appearance, densitometry, and health status in protease inhibitor SZ alpha1-antitrypsin deficiency.](#)  
*BACKGROUND: The aim of this study was to uniquely describe CT scan...*7th November, 2009  
University Hospital Birmingham NHS Foundation Trust, The University of- Chest. 2009  
Nov;136(5):1284-90. ([DOI Direct Link](#))
- [The liver in 30-year-old individuals with alpha\(1\)-antitrypsin deficiency.](#)  
*OBJECTIVE. Severe (PiZZ) alpha(1)-antitrypsin (AAT) deficiency is a risk...*7th November, 2009  
Department of Respiratory Medicine, Lund University, University Hospital,- Scand J Gastroenterol.  
2009;44(11):1349-55.
- [Sustained transgene expression despite T lymphocyte responses in a clinical trial of rAAV1-AAT gene therapy.](#)  
*Alpha-1 antitrypsin (AAT) deficiency is well-suited as a target for human...*7th November, 2009  
Department of Medicine, University of Florida, Gainesville, FL 32611, USA.- Proc Natl Acad Sci U S A.  
2009 Sep 22;106(38):16363-8. Epub 2009 Aug 12. ([DOI Direct Link](#))
- [\[Genetics in chronic obstructive pulmonary disease\]](#)  
*OBJECTIVE. Severe (PiZZ) alpha(1)-antitrypsin (AAT) deficiency is a risk...*5th November, 2009  
Lungeavdelingen, Haukeland universitetssykehus, 5021 Bergen, Norway.- Tidsskr Nor Laegeforen.  
2009 Oct 22;129(20):2104-7. ([DOI Direct Link](#))
- [Alpha-1-antitrypsin deficiency and smoking as risk factors for mismatch repair deficient colorectal cancer: A study from the colon cancer family registry.](#)  
*In a previous study, alpha-1-antitrypsin (A1AT) deficiency alleles were...*27th October, 2009  
Department of Medical Genetics, Mayo Clinic, 200 First Street SW,- Mol Genet Metab. 2009 Sep 27. ([DOI Direct Link](#))
- [\[Biomarker in pulmonary diseases\]](#)  
*Biological markers in various compartments of the human body have...*22nd October, 2009  
Robert-Koch-Klinik, Thoraxzentrum des Klinikums St. Georg,- Pneumologie. 2009 Aug;63(8):439-50.  
Epub 2009 Aug 7. ([DOI Direct Link](#))
- [Development of predictive models for airflow obstruction in alpha-1-antitrypsin deficiency.](#)  
*Alpha-1-antitrypsin deficiency is a genetic condition associated with...*21st October, 2009  
Institute for Clinical Research and Health Policy Studies, Tufts Medical- Am J Epidemiol. 2009 Oct  
15;170(8):1005-13. Epub 2009 Sep 2. ([DOI Direct Link](#))
- [Augmentation therapy in alpha-1 antitrypsin deficiency.](#)  
*In a previous study, alpha-1-antitrypsin (A1AT) deficiency alleles were...*9th October, 2009

- COPD. 2009 Jun;6(3):147-8.
- [Genetics of COPD and emphysema.](#)  
*COPD is a highly prevalent disorder that results from the interplay of...*9th October, 2009  
 Channing Laboratory and the Pulmonary and Critical Care Division,- Chest. 2009 Sep;136(3):859-66. ([DOI Direct Link](#))
- [Z and Mmalton-1-antitrypsin deficiency-associated hepatocellular carcinoma: a genetic study.](#)  
*BACKGROUND: The histological hallmark of alpha-1-antitrypsin deficiency...*12th September, 2009  
 Department of Pathology, Bambino Gesu Children's Hospital, Rome, Italy.- Liver Int. 2009  
 Nov;29(10):1593-6. Epub 2009 Sep 10. ([DOI Direct Link](#))
- [Burden and pathogenesis of chronic obstructive pulmonary disease.](#)  
*The burden of chronic obstructive pulmonary disease (COPD) is rising,...*11th September, 2009  
 University Hospital Birmingham NHS Foundation Trust, Queen Elizabeth- Proc Am Thorac Soc. 2009  
 Sep 15;6(6):524-6. ([DOI Direct Link](#))
- [The amounts of alpha 1 antitrypsin protein are reduced in the vascular wall of the acutely dissected human ascending aorta.](#)  
*Background: Aneurysm and dissection of the ascending aorta carry the risk...*28th August, 2009  
 Department of Cardiac Surgery, Innsbruck Medical University, Anichstrasse- Eur J Cardiothorac Surg.  
 2009 Aug 24. ([DOI Direct Link](#))
- [Safety and efficacy of alpha-1-antitrypsin augmentation therapy in the treatment of patients with alpha-1-antitrypsin deficiency.](#)  
*Alpha-1-antitrypsin deficiency (AATD), also known as alpha1-proteinase...*27th August, 2009  
 Department of Medicine, Indiana, University School of Medicine,- Biologics. 2009;3:193-204. Epub  
 2009 Jul 13.
- [Gene targeted therapeutics for liver disease in alpha-1 antitrypsin deficiency.](#)  
*Alpha-1 antitrypsin (A1AT) is a 52 kDa serine protease inhibitor that is...*27th August, 2009  
 Respiratory Research Division, Dept. Medicine, Royal College of Surgeons- Biologics. 2009;3:63-75.  
 Epub 2009 Jul 13.
- [Exploring the optimum approach to the use of CT densitometry in a randomised placebo-controlled study of augmentation therapy in alpha 1-antitrypsin deficiency.](#)  
*BACKGROUND: Computed tomography (CT) lung densitometry has been...*15th August, 2009  
 Department of Respiratory Medicine, University Hospitals of Coventry and- Respir Res. 2009 Aug  
 13;10:75. ([DOI Direct Link](#))

#### Alpha-1 Antitrypsin Deficiency Clinical Trials:



- [Extension Study of Zemaira i.v. Administration in Subjects With Emphysema Due to alpha1-Proteinase Inhibitor Deficiency.](#)



## Alpha-1 Antitrypsin Deficiency Patents:

- 5723287- [Recombinant viruses displaying a nonviral polypeptide on their external surface](#)
- 6303321- [Methods for diagnosing sepsis](#)
- 6316198- [Detection of mutations in genes by specific LNA primers](#)
- 6338953- [Expression of an exogenous gene in a mammalian cell by use of a non-mammalian DNA virus having an altered coat protein](#)
- 6338962- [Use of a non-mammalian DNA virus to express an exogenous gene in a mammalian cell](#)
- 6448223- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 6468533- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 6468798- [Expression of cloned genes in the lung by aerosol and liposome-based delivery](#)
- 6521225- [AAV vectors](#)
- 6566324- [Preventing airway mucus production by administration of EGF-R antagonists](#)
- 6586192- [Compositions and methods for use in affecting hematopoietic stem cell populations in mammals](#)
- 6297004- [Recombinant viruses displaying a nonviral polypeptide on their external surface](#)
- 6281009- [Use of a non-mammalian DNA virus to express an exogenous gene in a mammalian cell](#)
- 6238914- [Use of a non-mammalian DNA virus to express an exogenous gene in a mammalian cell](#)
- 5731182- [Non-mammalian DNA virus to express an exogenous gene in a mammalian cell](#)
- 5756353- [Expression of cloned genes in the lung by aerosol-and liposome-based delivery](#)
- 5849696- [Composition and method of treating hepatitis C](#)
- 5858784- [Expression of cloned genes in the lung by aerosol- and liposome-based delivery](#)
- 5871986- [Use of a baculovirus to express and exogenous gene in a mammalian cell](#)
- 5932467- [Retroviral vectors pseudotyped with SRV-3 envelope glycoprotein sequences](#)
- 6001799- [Method of treating hepatitis C in non-responders to interferon treatment](#)
- 6093392- [Methods and compositions for use in gene therapy for treatment of hemophilia](#)
- 6183993- [Complement-resistant non-mammalian DNA viruses and uses thereof](#)
- 6190887- [Expression of an exogenous gene in a mammalian cell by use of a non-mammalian DNA virus having an altered coat protein](#)
- 6599739- [Infectious papillomavirus pseudoviral particles](#)
- 6599879- [Therapeutic uses of keratinocyte growth factor-2](#)
- 7250437- [Small molecule modulators of hepatocyte growth factor \(scatter factor\) activity](#)
- 7259151- [AAV virions with decreased immunoreactivity and uses therefor](#)
- 7265112- [Small molecule modulators of hepatocyte growth factor \(scatter factor\) activity](#)
- 7291595- [Use of Alpha-1 antitrypsin for the preparation of medicaments for the treatment of fibromyalgia](#)
- 7399746- [Agents for wound healing](#)
- 7432301- [Use of S-nitrosothiol signaling to treat disordered control of breathing](#)
- 7468350- [Glue composition for lung volume reduction](#)
- 7524517- [Methods and compositions for P2X receptor calcium entry channels and other calcium entry mechanisms](#)
- 7553810- [Lung volume reduction using glue composition](#)
- 7572446- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 7192976- [Small molecule modulators of hepatocyte growth factor \(scatter factor\) activity](#)
- 7192933- [Use of a baculovirus to express an exogenous gene in a mammalian cell](#)
- 7192917- [Antagonists of HMG1 for treating inflammatory conditions](#)

- 6608112- [Use of metalloproteinase inhibitors in the treatment and prevention of pulmonary emphysema](#)
- 6790641- [Lentiviral vector particles resistant to complement inactivation](#)
- 6818439- [Methods for administration of recombinant gene delivery vehicles for treatment of hemophilia and other disorders](#)
- 6863884- [Pseudotyped retroviral vectors](#)
- 6979542- [Methods for identifying heterozygous carriers of autosomal recessive diseases](#)
- 7035739- [Computer systems and methods for identifying genes and determining pathways associated with traits](#)
- 7060504- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 7097838- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 7151082- [Antagonists of HMG1 for treating inflammatory conditions](#)
- 7174200- [Optimized high-speed magnetic resonance imaging method and system using hyperpolarized noble gases](#)
- 7608579- [Lung volume reduction using glue compositions](#)

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