

Asthma

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Asthma is a chronic condition involving the respiratory system in which the airway occasionally constricts, becomes inflamed, and is lined with excessive amounts of mucus, often in response to one or more triggers. These episodes may be triggered by such things as exposure to an environmental stimulant such as cold air, warm air, moist air, exercise or exertion, or emotional stress. In children, the most common triggers are viral illnesses such as those that cause the common cold. This airway narrowing causes symptoms such as wheezing, shortness of breath, chest tightness, and coughing. The airway constriction responds to bronchodilators. Between episodes, most patients feel well but can have mild symptoms and they may remain short of breath after exercise for longer periods of time than the unaffected individual. The symptoms of asthma, which can range from mild to life threatening, can usually be controlled with a combination of drugs and environmental changes. Public attention in the developed world has recently focused on asthma because of its rapidly increasing prevalence, affecting up to one in four urban children. ([From the Wikipedia article Asthma](#).)



Recent Publications on Asthma:

- [Blood and Urinary Concentrations of Salbutamol in Asthmatic Subjects.](#)
*PURPOSE:: Data on blood and urinary concentrations of salbutamol after...*30th August, 2008
1Respiratory and Allergy Research Unit, Bispebjerg Hospital, Copenhagen,- Med Sci Sports Exerc. 2009 Nov 13. ([DOI Direct Link](#))
- [A Role for WNT-Signaling Genes in the Pathogenesis of Impaired Lung Function in Asthma.](#)
*RATIONALE: Animal models demonstrate that aberrant gene expression in...*30th August, 2008
Channing Laboratory, Center for Genomic Medicine, Division of Pulmonary- Am J Respir Crit Care Med. 2009 Nov 19. ([DOI Direct Link](#))
- [What is the Lifetime Risk of Physician Diagnosed Asthma in Ontario, Canada?](#)
*RATIONALE: Asthma is the most common chronic respiratory disease in...*30th August, 2008
Child Health Evaluative Sciences, Research Institute, The Hospital for- Am J Respir Crit Care Med. 2009 Nov 19. ([DOI Direct Link](#))
- [OBESITY, ASTHMA AND OXIDATIVE STRESS.](#)
*Obesity is associated with increased systemic and airway oxidative stress,...*30th August, 2008
UPMC.- J Appl Physiol. 2009 Nov 19. ([DOI Direct Link](#))
- [Obesity, Adipokines and Lung Disease.](#)
*This review summarizes the state of the current literature relating to the...*30th August, 2008
University of New Mexico School of Medicine.- J Appl Physiol. 2009 Nov 19. ([DOI Direct Link](#))
- [Lung function and bronchodilator response in 4-year-old children with different wheezing phenotypes.](#)
*Persistent wheeze is a common chronic disease in early childhood and later...*30th August, 2008
Antwerp University Hospital and University of Antwerp, Belgium.- Eur Respir J. 2009 Nov 19. ([DOI](#))

[Direct Link](#))

- [Parental occupation is a risk factor for childhood wheeze and asthma.](#)
*This birth-cohort study investigated whether childhood wheeze and asthma...*30th August, 2008
University of Aberdeen, Aberdeen, AB252ZP, UK.- Eur Respir J. 2009 Nov 19. ([DOI Direct Link](#))
- [Human airway smooth muscle is structurally and mechanically similar to that of other species.](#)
*Airway smooth muscle (ASM) plays a vital role in the exaggerated airway...*30th August, 2008
St. Paul's Hospital, University of British Columbia, Vancouver, BC,- Eur Respir J. 2009 Nov 19. ([DOI Direct Link](#))
- [Effects of formoterol and salmeterol on cytokine release from monocyte-derived macrophages.](#)
*Pulmonary macrophages are a target for inhaled therapies. Combinations of...*30th August, 2008
National Heart and Lung Institute, Imperial College London, Dovehouse- Eur Respir J. 2009 Nov 19. ([DOI Direct Link](#))
- [Predicting risk of osteoporotic fracture in men and women in England and Wales: prospective derivation and validation of QFractureScores.](#)
*OBJECTIVE: To develop and validate two new fracture risk algorithms...*30th August, 2008
Division of Primary Care, Tower Building, University Park, Nottingham NG2- BMJ. 2009 Nov 19;339:b4229. doi: 10.1136/bmj.b4229.
- [Risk factors and outcomes among children admitted to hospital with pandemic H1N1 influenza.](#)
*BACKGROUND: Limited data are available on disease characteristics and...*30th August, 2008
- CMAJ. 2009 Nov 19. ([DOI Direct Link](#))
- [Respect for Persons: Beyond the Mortal World.](#)
*BACKGROUND: Limited data are available on disease characteristics and...*30th August, 2008
Asthma Disease Management Program Pulmonary, Critical Care, and Sleep- J Intensive Care Med. 2009 November-December;24(6):393-394. ([DOI Direct Link](#))
- [Unmet prescription medication need in U.S. children.](#)
*Objectives: To examine the nature and extent of unmet prescription...*30th August, 2008
Department of Clinical Sciences and Administration, College of Pharmacy,- J Am Pharm Assoc (2003). 2009 November-December 1;49(6):769-776. ([DOI Direct Link](#))
- [A case of intratracheal schwannoma presenting to the emergency department with a diagnosis of asthmatic attack: A clue to suspect the cause of upper airway obstruction to be other than asthma.](#)
*Objectives: To examine the nature and extent of unmet prescription...*30th August, 2008
Departments of Pulmonary, Critical Care and Sleep Medicine, Weill Cornell- J Emerg Med. 2009 Nov 16. ([DOI Direct Link](#))
- [Women Have a Lower Prevalence of Structural Heart Disease as a Precursor to Sudden Cardiac Arrest The Ore-SUDS \(Oregon Sudden Unexpected Death Study\).](#)
*OBJECTIVES: Our aim was to utilize a community-based approach to identify...*30th August, 2008
Heart Institute, Cedars-Sinai Medical Center, Los Angeles, California.- J Am Coll Cardiol. 2009 Nov 24;54(22):2006-2011. ([DOI Direct Link](#))

BioNews Results for Asthma

- [Salmeterol Found Similarly Effective in Asthma Genotypes](#)
Modern Medicine: Nov 21 2009 12:06AM Matching: asthma
- [Life Sciences: Research from University of Oxford, Wellcome Trust Center for Human Genetics yields new findings on life sciences](#)
NewsRX: Nov 21 2009 5:48AM Matching: asthma
- [Consistently poorly controlled asthma predicts exacerbations](#)
MedWire News: Nov 20 2009 1:58AM Matching: asthma
- [Asthma a Significant Risk Factor for Complications in Children with H1N1](#)
Infection Control Today: Nov 20 2009 9:02PM Matching: asthma

- [Mothers Depression a Risk Factor in Childhood Asthma Symptoms, Study Suggests-11/19/09](#)
Johns Hopkins Medicine: Nov 20 2009 9:35PM Matching: asthma
- [Asthma patients responsive to long-acting beta2 agonists, despite polymorphism](#)
PJ Online: Nov 20 2009 3:55PM Matching: asthma
- [High prevalence of asthma among children with H1N1](#)
News-Medical.Net: Nov 20 2009 4:39AM Matching: asthma
- [Mother's Depression a Risk Factor in Childhood Asthma Symptoms](#)
Newswise: Nov 20 2009 12:27AM Matching: asthma
- [Mother's depression a risk factor in childhood asthma symptoms, study suggests](#)
Genetic Engineering News: Nov 20 2009 12:51AM Matching: asthma
- [Sweet! Sugared Polymer A New Weapon Against Allergies And Asthma](#)
Medical News Today: Nov 20 2009 10:40PM Matching: asthma
- [Sweet! Sugared Polymer a New Weapon Against Allergies and Asthma-11/19/09](#)
Johns Hopkins Medicine: Nov 20 2009 9:36PM Matching: asthma
- [Asthma boy death shock](#)
Lancashire Evening Post: Nov 20 2009 5:02PM Matching: asthma
- [Asthma boy death shock](#)
Sheffield Telegraph: Nov 20 2009 3:42PM Matching: asthma
- [Asthma boy death shock](#)
Sheffield Star: Nov 20 2009 10:44AM Matching: asthma
- [Sweet! Sugared Polymer a New Weapon Against Allergies and Asthma](#)
Newswise: Nov 20 2009 6:46AM Matching: asthma

Asthma Patents:



- 7615562- [2-aminopyrimidine derivatives and their medical use](#)
- 7617132- [RFID system and method for ensuring food safety](#)
- 7617566- [System and method for particle collection](#)
- 7617821- [Acoustic respiratory therapy apparatus](#)
- 7618368- [System and method for monitoring information from a person](#)
- 7618594- [Conversion of nitrogen dioxide \(NO.sub.2\) to nitric oxide \(NO\)](#)
- 7618628- [CD16A binding proteins and use for the treatment of immune disorders](#)
- 7618629- [Manipulation of cytokine levels using CD83 gene products](#)
- 7618632- [Method of treating or ameliorating an immune cell associated pathology using GITR ligand antibodies](#)
- 7618649- [Extended release oral dosage composition](#)
- 7618669- [Low-lactose partially hydrolyzed infant formula](#)
- 7617115- [System and method for risk-adjusting indicators of access and utilization based on metrics of distance and time](#)
- 7616991- [Method for digital cardiac rhythm management](#)
- 7615564- [Isoquinoline derivatives having kinases inhibitory activity and drugs containing the same](#)
- 7615566- [Substituted pyrrolidine and related compounds](#)
- 7615568- [Antithrombotic ethers](#)
- 7615576- [Prevention of neutrophil recruitment](#)

- [7615610- Modified trafficking patterns for arrestin and G-protein-coupled receptors via arrestin-ubiquitin chimera](#)
- [7615611- Human cytokine receptor](#)
- [7615618- Oligonucleotides comprising a non-phosphate backbone linkage](#)
- [7615642- Therapeutic compounds](#)
- [7615648- Aminomethyl-azacycle derivatives as inhibitors of monoamine uptake](#)
- [7616310- Process for determining the particle size distribution of an aerosol and apparatus for carrying out such a process](#)
- [7618782- Methods of diagnosing muscle damage](#)
- [7618786- Method for identifying modulators of human orexin-2 receptor](#)
- [7618790- Method for NGF assay for in vitro diagnosis of breast cancer and therapeutic use](#)
- [7618984- Sulfonamide compound](#)
- [7618985- Isoquinoline derivatives](#)
- [7618991- Heterocyclic derivatives, preparation and therapeutic use thereof](#)
- [7618993- Compounds](#)
- [7618994- Fluoro substituted cycloalkanoindoles, compositions containing such compounds and methods of treatment](#)
- [7618995- Derivatives of 4,5-diarylpyrrole, preparation method thereof and use of same in therapeutics](#)
- [7619062- PRO214 polypeptides](#)
- [7619066- IL-1ra variants](#)
- [7619083- Intermediates useful in preparing certain pyrrolotriazine compounds and process for making such intermediates](#)
- [7619092- Piperidine compounds](#)
- [7618983- Bicyclic triazole .alpha.4 integrin inhibitors](#)
- [7618980- Pyrrolo\(oxo\)quinolines as 5HT ligands](#)
- [7618791- Methods of detecting cancer with antibodies to cytokine receptor ZCYTOR19](#)
- [7618794- Method for controlling environmental allergens](#)
- [7618816- Metal-binding therapeutic peptides](#)
- [7618940- Fat regulation](#)
- [7618946- Analgesic compounds, extracts containing same and methods of preparation](#)
- [7618962- Pyrazolyl substituted xanthines](#)
- [7618964- Benzamide derivatives, their manufacture and use as pharmaceutical agents](#)
- [7618970- 3-aminocyclopentanecarboxamides as modulators of chemokine receptors](#)
- [7618977- Method of treating dermatitis comprising administering a chymase inhibitor](#)
- [7618979- Pyridopyrrolizine and pyridoindolizine derivatives](#)
- [7620560- Computer-implemented method for grouping medical claims with clinically representative dynamic clean periods](#)

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