

# Respiratory System

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## Recent Publications on Respiratory System:

- [Computational model of rib movement and its application in studying the effects of age-related thoracic cage calcification on respiratory system.](#)  
*A 3D finite element model of rib cage movement is developed and used to...*21st November, 2009  
Department of Mechanical, Industrial and Manufacturing Engineering,- Comput Methods Biomech Biomed Engin. 2009 Nov 18:1. ([DOI Direct Link](#))
- [Experimental characterization and constitutive modeling of the mechanical behavior of the human trachea.](#)  
*BACKGROUND AND AIMS: Cartilage and smooth muscle constitute the main...*21st November, 2009  
Group of Structural Mechanics and Material Modeling (GEMM), Aragon- Med Eng Phys. 2009 Nov 16. ([DOI Direct Link](#))
- [Cleavage of the SARS Coronavirus Spike Glycoprotein by Airway Proteases Enhances Virus Entry into Human Bronchial Epithelial Cells In Vitro.](#)  
*BACKGROUND: Entry of enveloped viruses into host cells requires the...*20th November, 2009  
HKU-Pasteur Research Center, The University of Hong Kong, Hong Kong SAR,- PLoS One. 2009 Nov 17;4(11):e7870. ([DOI Direct Link](#))
- [Severe tracheal stenosis due to prolonged tracheostomy tube placement: a case report.](#)  
*Tracheal stenosis is the most common late airway complication of...*18th November, 2009  
- Cases J. 2009 Sep 18;2:7101. ([DOI Direct Link](#))
- [Central airway occlusion underestimates intrinsic positive end-expiratory pressure: a numerical and physical simulation.](#)  
*Intrinsic positive end-expiratory pressure (PEEP) occurs when airway...*18th November, 2009  
Department of Anesthesiology and Critical Care Medicine, Yokohama City- Exp Lung Res. 2009 Nov;35(9):756-69.
- [\[Standard chemotherapy of solid tumors. 1\) Cancers of the respiratory system and breast\]](#)  
*BACKGROUND: Continuous positive airway pressure (CPAP) maintains a...*18th November, 2009  
- Nippon Naika Gakkai Zasshi. 2009 Aug 10;98(8):1860-5.
- [Respiratory restriction and elevated pleural and esophageal pressures in morbid obesity.](#)  
*To explore mechanisms of restrictive respiratory physiology and high...*17th November, 2009  
Beth Israel Deaconess Medical Center.- J Appl Physiol. 2009 Nov 12. ([DOI Direct Link](#))
- [Dectin-1 and inflammation-associated gene transcription and expression in mouse lungs by a toxic \(1,3\)-beta-D: glucan.](#)  
*The form of (1-3)-beta-D: glucan found in the cell walls of the anamorphic...*12th November, 2009  
Department of Biology, Saint Mary's University, 923 Robie St., Halifax,- Arch Toxicol. 2009 Nov 11. (

[DOI Direct Link](#))

- [Size distribution and chemical composition of airborne particles in south-eastern Finland during different seasons and wildfire episodes in 2006.](#)  
*The inorganic main elements, trace elements and PAHs were determined from...*12th November, 2009  
Finnish Meteorological Institute, Air Quality Research, P.O. Box 503,- Sci Total Environ. 2009 Nov 9. ([DOI Direct Link](#))
- [Cancer incidence rate ratios of Turkish immigrants in Hamburg, Germany: A registry based study.](#)  
*The aim of this study was to estimate cancer incidence rate ratios for...*11th November, 2009  
Department of Epidemiology & International Public Health, School of Public- Cancer Epidemiol. 2009 Nov 7. ([DOI Direct Link](#))
- [IgG4-related Lung and Pleural Disease: A Clinicopathologic Study of 21 Cases.](#)  
*Immunoglobulin G4 (IgG4)-related disorders can occur in the respiratory...*10th November, 2009  
\*Institute of Liver Studies, King's College Hospital, London, UK- Am J Surg Pathol. 2009 Oct 23. ([DOI Direct Link](#))
- [Airway involvement in sarcoidosis.](#)  
*Sarcoidosis is a common disease and affects the respiratory system in >...*7th November, 2009  
Third Pulmonary Department, Sismanoglion General Hospital, Athens, Greece.- Chest. 2009 Nov;136(5):1371-80. ([DOI Direct Link](#))
- [Pressure stability with CPAP devices: A bench evaluation.](#)  
*BACKGROUND: Continuous positive airway pressure (CPAP) maintains a...*7th November, 2009  
INSERM, Unit 841, and Universite Paris 12, Faculte de Medecine, Creteil- Sleep Med. 2009 Nov 3. ([DOI Direct Link](#))
- [Airway segmentation and analysis for the study of mouse models of lung disease using micro-CT.](#)  
*Animal models of lung disease are gaining importance in understanding the...*6th November, 2009  
Cancer Imaging Laboratory, Center for Applied Medical Research, 31008- Phys Med Biol. 2009 Nov 21;54(22):7009-24. Epub 2009 Nov 4. ([DOI Direct Link](#))
- [A Study on the Antioxidant Activity and Tissues Selective Inhibition of Lipid Peroxidation by Saponins from the Roots of Platycodon grandiflorum.](#)  
*Platycodi Radix is the root of Platycodon grandiflorum (Jacq.) A. DC and...*4th November, 2009  
Key Laboratory of Marine Drugs, Ministry of Education, Marine Drug and- Am J Chin Med. 2009;37(5):967-75.

## BioNews Results for Respiratory System

- [University and Cancer Society Hold Great American Smokeout](#)  
*KAUZ: Nov 20 2009 12:52PM Matching: respiratory system*
- [Automated Viral Nucleic Acid Extraction](#)  
*Bioscience Technology Online: Nov 20 2009 4:40PM Matching: respiratory system*
- [Medspira to manufacture and market Mayo Clinic developed products and technologies](#)  
*News-Medical.Net: Nov 19 2009 8:29AM Matching: respiratory system*
- [Health Highlights: Nov. 19, 2009](#)  
*National Womens Health Information Center: Nov 19 2009 10:38PM Matching: respiratory system*
- [Asia to get flu drug stockpile by April 2010](#)  
*Tajikistan News.net: Nov 18 2009 3:52AM Matching: respiratory system*
- [Asia to get H1N1 flu drug stockpile by April 2010](#)  
*China Post: Nov 18 2009 2:16AM Matching: respiratory system*
- [Invacare intelligence report from Research and Markets](#)  
*News-Medical.Net: Nov 17 2009 6:01AM Matching: respiratory system*
- [Research and Markets: Invacare Medical Device Company Intelligence Report 2009](#)

- SmartBrief: Nov 17 2009 12:03AM Matching: respiratory system
- [Asia To Get Flu Drug Stockpile By 2010](#)  
Forbes.com: Nov 17 2009 10:47AM Matching: respiratory system
- [UPDATE 1-Asia to get flu drug stockpile by April 2010](#)  
Forbes.com: Nov 17 2009 10:35AM Matching: respiratory system
- [Asia to get flu drug stockpile by April 2010](#)  
Turkmenistan News.net: Nov 17 2009 4:00PM Matching: respiratory system
- [Asia to get flu drug stockpile by April 2010](#)  
Kyrgyzstan News: Nov 17 2009 2:09PM Matching: respiratory system
- [Asia to get flu drug stockpile by April 2010](#)  
KWMU: Nov 17 2009 12:12PM Matching: respiratory system
- [Asia to get flu drug stockpile by April 2010](#)  
WFCR 88.5 FM: Nov 17 2009 11:42AM Matching: respiratory system
- [Asia to get flu drug stockpile by April 2010](#)  
Reuters via Yahoo!: Nov 17 2009 10:25AM Matching: respiratory system

## Respiratory System Patents:



- 7588543- [Method and apparatus for predicting work of breathing](#)
- 7597901- [System for delivering a composition to the nasal membrane and method of using the same](#)
- 7599730- [Navigation system for cardiac therapies](#)
- 7599737- [Medical device for neural stimulation and controlled drug delivery](#)
- 7600441- [Comprehensive particulate matter measurement system and method for using the same](#)
- 7600511- [Apparatus and methods for delivery of medicament to a respiratory system](#)
- 7601337- [Delivery of antipsychotics through an inhalation route](#)
- 7601355- [Compositions and methods for altering immune function](#)
- 7601500- [Prime-boost vaccine for the protection of equines against viral infection](#)
- 7601502- [Prime boost vaccine for the protection of equines against equine influenza](#)
- 7601720- [Nicotinic receptor agonists for the treatment of inflammatory diseases](#)
- 7596413- [Coordinated therapy for disordered breathing including baroreflex modulation](#)
- 7595288- [Antimicrobial metal working fluids](#)
- 7594619- [Cotton fiber particulate and method of manufacture](#)
- 7589067- [6, 11-bridged tricyclic macrolides](#)
- 7590493- [Methods for determining hepatotoxins](#)
- 7591265- [Coordinated use of respiratory and cardiac therapies for sleep disordered breathing](#)
- 7592008- [Membrane scaffold proteins](#)
- 7592010- [Albumin fusion proteins](#)
- 7592021- [Bioadhesive delivery system for transmucosal delivery of beneficial agents](#)
- 7592322- [RNAi modulation of RSV, PIV and other respiratory viruses and uses thereof](#)
- 7592359- [Substituted azabicyclo hexane derivatives as muscarinic receptor antagonists](#)
- 7593558- [Method for movement-compensation in imaging](#)
- 7594426- [M45 protective mask outlet valve adapter](#)
- 7601813- [Anti-GL50 antibodies](#)
- 7601874- [Indene derivatives as pharmaceutical agents](#)

- 7612179- [antibodies binding to a C-terminal fragment of apolipoprotein E](#)
- 7613507- [Non-invasive detection of the occurrence of apneae or hypopneae in a patient](#)
- 7615000- [Tissue resection device, system, and method](#)
- 7615092- [Filtering mask](#)
- 7615219- [Inhibition of PACAP signalling for the prevention and treatment of thrombocytopenia](#)
- 7615377- [Fluorescein-based metal sensors](#)
- 7615380- [Methods for modulating an immune response by modulating KRC activity](#)
- 7615539- [Nucleic acid-lipophilic conjugates](#)
- 7615653- [Anti-tuberculosis taxane compounds](#)
- 7618616- [Skin-protective compositions effective against vesicants and percutaneous chemical agents](#)
- 7612170- [Co-stimulatory polypeptides](#)
- 7611879- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor](#)
- 7610324- [System for detection and estimation of periodic patterns in a noisy signal](#)
- 7603631- [Method and apparatus for monitoring dynamic systems using n-dimensional representations of critical functions](#)
- 7603887- [Breath alcohol-measuring device, process and system](#)
- 7605138- [Nucleic acid compositions for stimulating immune responses](#)
- 7605183- [Inhibitory or blocking agents of molecular generating and/or inducing functions](#)
- 7606623- [Methods and devices for intramuscular stimulation of upper airway and swallowing muscle groups](#)
- 7608275- [Systems and methods for delivery of a therapeutic agent](#)
- 7608394- [Methods and compositions for phenotype identification based on nucleic acid methylation](#)
- 7608579- [Lung volume reduction using glue compositions](#)
- 7608704- [Secreted proteins](#)
- 7610094- [Synergistic use of medical devices for detecting medical disorders](#)
- 7618984- [Sulfonamide compound](#)

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