

# Lung

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, 20th ed. 1918. The lung is the essential respiration organ in air-breathing vertebrates, the most primitive being the lungfish. The two lungs are located in the chest on either side of the heart. Their principal function is to transport oxygen from the atmosphere into the bloodstream, and to release carbon dioxide from the bloodstream into the atmosphere. This exchange of gases is accomplished in the mosaic of specialized cells that form millions of tiny, exceptionally thin-walled air sacs called alveoli. The lungs also have non respiratory functions. Medical terms related to the lung often begin with pulmo-, from the Latin pulmonarius, or with pneumo- ([From the Wikipedia article Lung.](#))



## Recent Publications on Lung:

- [Polymicrobial lung infection in postrenal transplant recipient diagnosed by fine-needle aspiration cytology.](#)  
*Tuberculous and fungal infections are among the non-neoplastic lesions of...* 21st November, 2009  
Department of Cytopathology and Gynecological Pathology, Postgraduate- Diagn Cytopathol. 2009 Nov 19. ([DOI Direct Link](#))
- [Increased soluble serum markers caspase-cleaved cytokeratin-18, histones, and ST2 indicate apoptotic turnover and chronic immune response in COPD.](#)  
*Introduction: Chronic obstructive pulmonary disease (COPD) is a worldwide...* 21st November, 2009  
Department of Surgery, Medical University of Vienna, Vienna, Austria.- J Clin Lab Anal. 2009 Nov 19;23(6):372-379. ([DOI Direct Link](#))
- [IgM, IgG, and IgA anti-DNA topoisomerase I antibodies in systemic sclerosis.](#)  
*Background: Anti-DNA topoisomerase I (anti-topo I) antibodies have been...* 21st November, 2009  
Laboratory of Research in Autoimmunity, Mexico.- J Clin Lab Anal. 2009 Nov 19;23(6):408-416. ([DOI Direct Link](#))
- [Catumaxomab: A bispecific trifunctional antibody.](#)  
*The trifunctional bispecific monoclonal antibody catumaxomab has two...* 21st November, 2009  
Department of Internal Medicine III, Hematology, Medical Oncology and- Drugs Today (Barc). 2009 Aug;45(8):589-597. ([DOI Direct Link](#))
- [Clock Time and Embodied Time Experienced by Patients With Inoperable Lung Cancer.](#)  
*In this study, we explore how patients with inoperable lung cancer (LC)...* 21st November, 2009  
Authors' Affiliations: Department of Neurobiology, Caring Sciences and- Cancer Nurs. 2009 Nov 17. ([DOI Direct Link](#))
- [Sleep Disturbances Among Patients With Non-Small Cell Lung Cancer in Taiwan: Congruence Between Sleep Log and Actigraphy.](#)  
*Sleep disturbances are a common health problem among lung cancer patients....* 21st November, 2009  
Authors' Affiliations: School of Nursing, Taipei Medical University,- Cancer Nurs. 2009 Nov 17. ([DOI](#)

[Direct Link](#))

- [Platypnea-Orthodeoxia, An Uncommon Presentation of Patent Foramen Ovale.](#)  
*The platypnea-orthodeoxia syndrome is a rare clinical presentation. The...*21st November, 2009  
From the Departments of Medicine (aan, ln, gmb) and Pathology (ln),- Am J Med Sci. 2009 Nov 18. ([DOI Direct Link](#))
- [Ghrelin Attenuates Acute Pancreatitis-Induced Lung Injury and Inhibits Substance P Expression.](#)  
*OBJECTIVE:: To investigate the effect of ghrelin administration on the...*21st November, 2009  
From the Surgery of Integrated Traditional and Western Medicine- Am J Med Sci. 2009 Nov 18. ([DOI Direct Link](#))
- [BODE Index and GOLD Staging as Predictors of 1-Year Exacerbation Risk in Chronic Obstructive Pulmonary Disease.](#)  
*BACKGROUND:: The body mass index/airflow obstruction/dyspnea/exercise...*21st November, 2009  
From the Department of Physiotherapy (mmf), Centro Universitario Catolico- Am J Med Sci. 2009 Nov 18. ([DOI Direct Link](#))
- [The impact of respiratory motion on tumor quantification and delineation in static PET/CT imaging.](#)  
*Our aim is to investigate the impact of respiratory motion on tumor...*21st November, 2009  
- Phys Med Biol. 2009 Nov 20;54(24):7345-7362. ([DOI Direct Link](#))
- [Alterations in Lung Mast Cell Populations in Patients with COPD.](#)  
*RATIONALE: Mast cells have important roles in innate immunity and tissue...*21st November, 2009  
Department of Respiratory Medicine and Allergology, Lund University- Am J Respir Crit Care Med. 2009 Nov 19. ([DOI Direct Link](#))
- [Quantitative CT Measures of Emphysema and Airway Wall Thickness Are Related to Respiratory Symptoms.](#)  
*RATIONALE: There is limited knowledge on the relationship between...*21st November, 2009  
Department of Thoracic Medicine, Haukeland University Hospital, Bergen,- Am J Respir Crit Care Med. 2009 Nov 19. ([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...*21st November, 2009  
Channing Laboratory, Center for Genomic Medicine, Division of Pulmonary- 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,...*21st November, 2009  
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...*21st November, 2009  
University of New Mexico School of Medicine.- J Appl Physiol. 2009 Nov 19. ([DOI Direct Link](#))

## BioNews Results for Lung

- [Opera singer battles stage four lung cancer](#)  
*KGO San Francisco: Nov 21 2009 4:50AM Matching: lung*
- [Folic acid supplements lift cancer risk: Study](#)  
*Nutra Ingredients USA: Nov 21 2009 2:24AM Matching: lung*
- [Collaborative Campaign Matches Patients with Lung Cancer to Currently Enrolling Clinical Trials](#)  
*RT Magazine: Nov 20 2009 12:28AM Matching: lung*
- [Advocacy groups team up to offer personalized education about clinical trials for lung cancer patients](#)  
*News-Medical.Net: Nov 20 2009 7:33AM Matching: lung*
- [2009 Report Card, an overall assessment of efforts to reduce lung cancer's mortality released](#)  
*News-Medical.Net: Nov 20 2009 5:48AM Matching: lung*
- [NIH/National Heart, Lung and Blood Institute: Survey: Awareness of COPD is rising, but understanding](#)

[is still low](#)

NewsRX: Nov 20 2009 7:15AM Matching: lung

- [Introduction: Lung Cancer](#)

CHEST: Nov 20 2009 1:05AM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

Individual.com: Nov 20 2009 8:59AM Matching: lung

- [EU panel blocks Merck KGaA's Erbitux in lung cancer](#)

Reuters Health: Nov 20 2009 2:16AM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

Nashville Business Journal: Nov 19 2009 8:48PM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

Houston Chronicle: Nov 19 2009 8:28PM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

PR Newswire: Nov 19 2009 11:39PM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

Reuters: Nov 19 2009 8:59PM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

Austin Business Journal: Nov 19 2009 8:52PM Matching: lung

- [LCA Releases 5th National Report Card on Lung Cancer](#)

Street Insider: Nov 19 2009 8:44PM Matching: lung

## Lung Patents:



- 7618975- [4-arylamino-quinazolines and analogs as activators of caspases and inducers of apoptosis and the use thereof](#)
- 7619057- [MHC class II restricted T cell epitopes from the cancer antigen, NY ESO-1](#)
- 7619058- [Epitope/peptide recognized by HLA-A2402-restricted Ep-CAM-specific CTL and use of the same](#)
- 7619059- [Bimolecular optical probes](#)
- 7619061- [Antigen constructs useful in the detection and differentiation of antibodies to HIV](#)
- 7619062- [PRO214 polypeptides](#)
- 7619063- [Chimeric immunogens](#)
- 7619065- [Cystine-knot fold protein](#)
- 7619066- [IL-1ra variants](#)
- 7619067- [Evolved interferon-alpha polypeptides](#)
- 7619068- [Ovr110 antibody compositions and methods of use](#)
- 7619006- [Conjugated psychotropic drugs and uses thereof](#)
- 7619001- [Utilization of dialkylfumarates](#)
- 7619000- [S-dimethylarsino-thiosuccinic acid S-dimethylarsino-2-thiobenzoic acid S-\(dimethylarsino\) glutathione as treatments for cancer](#)
- 7618979- [Pyridopyrrolizine and pyridoindolizine derivatives](#)
- 7618981- [Imidazopyridinyl-benzamide anti-cancer agents](#)
- 7618982- [Heteroarylpyrrolopyridinones active as kinase inhibitors](#)
- 7618983- [Bicyclic triazole .alpha.4 integrin inhibitors](#)

- 7618984- [Sulfonamide compound](#)
- 7618986- [Method of treating latent tuberculosis](#)
- 7618992- [Method of treating cancer by co-administration of anticancer agents](#)
- 7618993- [Compounds](#)
- 7618994- [Fluoro substituted cycloalkanoindoles, compositions containing such compounds and methods of treatment](#)
- 7618996- [Diaryl ether derivatives and uses thereof](#)
- 7619069- [Antibodies to TGF-beta 1](#)
- 7619071- [Antibodies that bind interleukin-17 receptor homologue](#)
- 7620142- [Method and apparatus for reducing x-ray dosage in CT imaging prescription](#)
- 7620146- [Systems and methods for processing x-ray images](#)
- 7620222- [Method, apparatus, and program for judging images](#)
- 7620229- [Method and apparatus for aiding image interpretation and computer-readable recording medium storing program therefor](#)
- 7620443- [X-ray CT imaging method and X-ray CT device](#)
- 7620444- [Systems and methods for improving usability of images for medical applications](#)
- 7620451- [Methods and apparatus for pulsed electric field neuromodulation via an intra-to-extravascular approach](#)
- 7620455- [Cranial nerve stimulation to treat eating disorders](#)
- 7620560- [Computer-implemented method for grouping medical claims with clinically representative dynamic clean periods](#)
- 7620672- [Method for performing classical Bayesian net calculations using a quantum computer](#)
- 7619930- [Dynamic verify based on threshold voltage distribution](#)
- 7619926- [NAND flash memory with fixed charge](#)
- 7619712- [Polarizer-alignment dual function film, fabrication method thereof and LCD containing the same](#)
- 7619074- [Reactive dyestuff with N,N-dialkylamino bridge group](#)
- 7619077- [Nucleic acids encoding a galacturonosyl transferase enzyme \(GALAT1\) from arabidopsis](#)
- 7619079- [Db, the receptor for leptin, nucleic acids encoding the receptor, and uses thereof](#)
- 7619081- [siRNA targeting coatmer protein complex, subunit beta 2 \(COPB2\)](#)
- 7619100- [Physiologically active substances](#)
- 7619110- [Amino acid derived prodrugs of propofol, compositions, uses and crystalline forms thereof](#)
- 7619237- [Programmable resistive memory cell with self-forming gap](#)
- 7619311- [Memory cell device with coplanar electrode surface and method](#)
- 7619394- [Capacitor charger with a modulated current varying with an input voltage and method thereof](#)
- 7619401- [Bandgap reference circuit](#)
- 7620751- [Command scheduling and affiliation management for serial attached storage devices](#)

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