

Mucus

[View the current Mucus InDepth page on BioPortfolio.com](#) ([PDF](#))

(<http://www.bioportfolio.com/indepth/Mucus.html>) - Regularly Updated.

Mucus is a slippery secretion of the lining of the mucous membranes in the body. It is a viscous colloid containing antiseptic enzymes and immunoglobulins. Mucus is produced by goblet cells in the mucous membranes that cover the surfaces of the membranes. It is made up of mucins and inorganic salts suspended in water. Phlegm is a type of mucus that is restricted to the respiratory tract, while the term mucus refers to secretions of the nasal passages as well. ([From the Wikipedia article Mucus.](#))

Recent Publications on Mucus:



- [Prevalence of Diarrhea and Enteropathogens in Racing Sled Dogs.](#)
*Background: Diarrhea is highly prevalent in racing sled dogs, although the...*21st November, 2009
Department of Clinical Sciences, College of Veterinary Medicine, Oregon- J Vet Intern Med. 2009 Nov 17. ([DOI Direct Link](#))
- [A comprehensive analysis of common genetic variation in MUC1, MUC5AC, MUC6 genes and risk of stomach cancer.](#)
*OBJECTIVE: MUC1, MUC5AC, and MUC6 are main constituents of the mucus...*20th November, 2009
Department of Medical Epidemiology and Biostatistics, Karolinska- Cancer Causes Control. 2009 Nov 19. ([DOI Direct Link](#))
- [Current prophylactic HPV vaccines and gynecologic premalignancies.](#)
*PURPOSE OF REVIEW: Studies of the human papillomavirus (HPV) vaccines,...*20th November, 2009
Departments of Community and Family Medicine, Obstetrics and Gynecology,- Curr Opin Obstet Gynecol. 2009 Nov 17. ([DOI Direct Link](#))
- [CD69 Controls the Pathogenesis of Allergic Airway Inflammation.](#)
*Airway inflammation and airway hyperresponsiveness are central issues in...*20th November, 2009
*Department of Immunology, Graduate School of Medicine, Chiba University,- J Immunol. 2009 Nov 18. ([DOI Direct Link](#))
- [Hypersensitivity to mesalazine in a patient with inflammatory bowel disease: a case report.](#)
*A 32-year-old male presented with diarrhoea, mucus and bleeding per...*18th November, 2009
- Cases J. 2009 Aug 25;2:6715. ([DOI Direct Link](#))
- [Isolated aglossia in a six year old child presenting with impaired speech: a case report.](#)
*INTRODUCTION: The most mobile organ of the body, the tongue is associated...*18th November, 2009
Department of Plastic and Reconstructive Surgery, Sher-i-Kashmir Institute- Cases J. 2009 Sep 17;2:7926. ([DOI Direct Link](#))
- [Increased lysozyme expression in gastric biopsies with intestinal metaplasia and pseudopyloric metaplasia.](#)
*Lysozyme is an innate enzyme with potent non-immunological antibacterial...*18th November, 2009
Gastrointestinal and Liver Pathology Research Laboratory, Department of- Int J Clin Exp Med. 2009

Sep 2;2(3):248-53.

- [Equine bronchial epithelial cells differentiate into ciliated and mucus producing cells in vitro.](#)
*We describe a method for creating differentiated equine bronchial...*17th November, 2009
Veterinary Medical Center, Cornell University, Ithaca, NY, USA,- *In Vitro Cell Dev Biol Anim.* 2009 Nov 14. ([DOI Direct Link](#))
- [The Role of Hypoxia Inducible Factor 1{alpha} \(HIF1{alpha}\) in Modulating Cobalt-Induced Lung Inflammation.](#)
*Hypoxia plays an important role in development, cellular homeostasis, and...*17th November, 2009
Michigan State University.- *Am J Physiol Lung Cell Mol Physiol.* 2009 Nov 13. ([DOI Direct Link](#))
- [Shewanella coralli sp. nov., a marine bacterium isolated from Red Sea corals.](#)
*A marine bacterial strain, designated fav-2-10-05T, was isolated from the...*17th November, 2009
Ben-Gurion University of the Negev.- *Int J Syst Evol Microbiol.* 2009 Nov 13. ([DOI Direct Link](#))
- [Effect of mannitol and repetitive coughing on the sputum properties in bronchiectasis.](#)
*Mucociliary clearance increases with increasing doses of mannitol and...*17th November, 2009
Department of Respiratory & Sleep Medicine, Royal Prince Alfred Hospital,- *Respir Med.* 2009 Nov 13. ([DOI Direct Link](#))
- [Analysis of the effect of copper on the virulence of a pathogenic Edwardsiella tarda strain.](#)
*Abstract Aim: To investigate the effect of copper on the virulence of...*17th November, 2009
Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China.- *Lett Appl Microbiol.* 2009 Oct 26. ([DOI Direct Link](#))
- [HPV Viral Activity By mRNA-HPV Molecular Analysis To Screen The Transforming Infections In Precancer Cervical Lesions.](#)
*Introduction: a current problem with the Human papillomavirus (HPV)...*17th November, 2009
Department of Obstetrics and Gynaecology, Vito Fazzi Hospital, P.zza- *Curr Pharm Biotechnol.* 2009 Nov 16.
- [ANTIGEN BINDING TO SECRETORY IgA RESULTS IN DECREASED SENSITIVITY TO INTESTINAL PROTEASES AND INCREASED BINDING TO CELLULAR Fc RECEPTORS.](#)
*In intestinal secretions, secretory IgA (SIgA) plays an important sentinel...*17th November, 2009
University State Hospital Lausanne, Switzerland;- *J Biol Chem.* 2009 Nov 12. ([DOI Direct Link](#))
- [Local drug delivery.](#)
*Topical drug delivery for sinonasal disorders is influenced by a variety...*17th November, 2009
Rhinology and Skull Base Surgery, Department of Otolaryngology/Skull Base- *Otolaryngol Clin North Am.* 2009 Oct;42(5):829-45, ix. ([DOI Direct Link](#))

BioNews Results for Mucus

- [Winter promotion for Benylin Mucus range](#)
Chemist+Druggist: Nov 12 2009 10:22AM Matching: mucus
- [LNGIUS impairs sperm transport through cervical mucus](#)
MedWire News: Oct 26 2009 12:44PM Matching: mucus
- [Human Immunodeficiency Virus Type 1 Is Trapped by Acidic but Not by Neutralized Human Cervicovaginal Mucus](#)
MDLinx: Oct 13 2009 12:08PM Matching: mucus



Mucus Patents:

- 7598354- [Campylobacter glycans and glycopeptides](#)
- 7605153- [Use of paullone derivatives for the production of medicaments for the treatment of mucoviscidosis and diseases related to protein addressing errors in cells](#)
- 7605240- [Methods of treating diarrhea and bloating caused by small intestinal bacterial overgrowth](#)
- 7607436- [Methods, devices and formulations for targeted endobronchial therapy](#)
- 7608040- [Device to aid in placing tracheal tubes](#)
- 7608291- [Treatment of infection in animals](#)
- 7608579- [Lung volume reduction using glue compositions](#)
- 7608602- [Gemcitabine prodrugs, pharmaceutical compositions and uses thereof](#)
- 7608619- [Substituted oxazole compounds with analgesic activity](#)
- 7608642- [Wound and skin care compositions](#)
- 7608700- [Lactobacillus acidophilus nucleic acid sequences encoding stress-related proteins and uses therefor](#)
- 7605150- [Drug therapy for Celiac Sprue](#)
- 7604795- [Nanoparticles for protein drug delivery](#)
- 7604671- [Perfumery for improved cold throw and burn in candle systems](#)
- 7598412- [Modulators of ATP-binding cassette transporters](#)
- 7598423- [Potentiators of glutamate receptors](#)
- 7599685- [Apparatus for playing of synchronized video between wireless devices](#)
- 7600460- [On-site land mine removal system](#)
- 7600515- [Tracheostomy tube combination radial snap and bayonet cannula connector](#)
- 7601335- [Pretreatment of a biological sample from an autoimmune disease subject](#)
- 7601493- [Methods and apparatus for screening and detecting multiple genetic mutations](#)
- 7601525- [Alginate gel scaffold having a plurality of continuous parallel microtubular copper capillaries](#)
- 7601712- [Carboxylic acid compounds and medicinal compositions containing the same as the active ingredient](#)
- 7601756- [Method of treatment for irritable bowel syndrome](#)
- 7608704- [Secreted proteins](#)
- 7610094- [Synergistic use of medical devices for detecting medical disorders](#)
- 7615545- [Oral contraceptives to prevent pregnancy and diminish premenstrual symptomatology](#)
- 7615625- [In vitro amplification of nucleic acid molecules via circular replicons](#)
- 7616990- [Implantable and rechargeable neural stimulator](#)
- 7617821- [Acoustic respiratory therapy apparatus](#)
- 7617891- [Mechanical crawler](#)
- 7618376- [Device for assessing perfusion failure in a patient by measurement of blood flow](#)
- 7618633- [Antibodies that bind CD40 and methods of treating cancer and enhancing immune responses](#)
- 7618788- [Proteome epitope tags and methods of use thereof in protein modification analysis](#)
- 7618936- [Methods for treating and diagnosing cancer with WNT inhibitory Factor-1 \(WIF-1\)](#)
- 7618979- [Pyridopyrrolizine and pyridoindolizine derivatives](#)
- 7615533- [TPO peptide compounds for treatment of anemia](#)
- 7615213- [Antibodies against human interleukin-13 and pharmaceutical compositions thereof](#)
- 7615017- [High frequency chest wall oscillation system](#)
- 7611070- [Aspirating scented oxygen enriched faucet and shower head](#)
- 7611630- [Method and device for evaluation of pharmaceutical compositions](#)

- 7611690- [Nanoparticles for protein drug delivery](#)
- 7611717- [Identifying virally infected and vaccinated organisms](#)
- 7611847- [Method for identifying an intestinal phenotype](#)
- 7611896- [Practical serological assay for the clinical diagnosis of Leishmaniasis](#)
- 7612047- [Degradation-resistant mononucleoside phosphate compounds](#)
- 7612073- [Methods of administering tetrahydrobiopterin, associated compositions, and methods of measuring](#)
- 7612107- [Treatment and inhibition of disease conditions using flexible heteroarotinoids](#)
- 7612181- [Dual variable domain immunoglobulin and uses thereof](#)
- 7618994- [Fluoro substituted cycloalkanoindoles, compositions containing such compounds and methods of treatment](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

