

## Ciliary Motility

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### Recent Publications on Ciliary Motility:

- [MKS3-related ciliopathy with features of autosomal recessive polycystic kidney disease, nephronophthisis, and Joubert Syndrome.](#)  
*OBJECTIVES: To describe 3 children with mutations in a Meckel syndrome...* 1st October, 2009  
Medical Genetics Branch, National Human Genome Research Institute,- J Pediatr. 2009 Sep;155(3):386-92.e1. Epub 2009 Jun 21. ([DOI Direct Link](#))
- [The motile cilium in development and disease: emerging new insights.](#)  
*In this paper, I review a collection of recently published papers that...* 24th September, 2009  
Institute of Molecular and Cell Biology, Cancer and Developmental Cell- Bioessays. 2009 Jul;31(7):694-9. ([DOI Direct Link](#))
- [Primary ciliary dyskinesia: improving the diagnostic approach.](#)  
*PURPOSE OF REVIEW: The diagnosis of primary ciliary dyskinesia (PCD) has...* 28th August, 2009  
Department of Pediatrics, University of North Carolina School of Medicine,- Curr Opin Pediatr. 2009 Jun;21(3):320-5. ([DOI Direct Link](#))
- [RFX3 governs growth and beating efficiency of motile cilia in mouse and controls the expression of genes involved in human ciliopathies.](#)  
*Cilia are cellular organelles that play essential physiological and...* 13th August, 2009  
Universite de Lyon, Lyon, France.- J Cell Sci. 2009 Sep 1;122(Pt 17):3180-9. Epub 2009 Aug 11. ([DOI Direct Link](#))
- [Ciliary defects and genetics of primary ciliary dyskinesia.](#)  
*Cilia are evolutionarily conserved structures that play key roles in...* 12th August, 2009  
AP-HP, Service de Genetique et d'Embryologie medicales and Inserm U.933,- Paediatr Respir Rev. 2009 Jun;10(2):51-4. Epub 2009 Apr 18. ([DOI Direct Link](#))
- [Primary ciliary dyskinesia: when to suspect the diagnosis and how to confirm it.](#)  
*Primary ciliary dyskinesia (PCD) is a rare, autosomal recessive condition....* 12th August, 2009  
The Royal Brompton Hospital, Sydney Street, London SW3 6NP, UK.- Paediatr Respir Rev. 2009 Jun;10(2):44-50. Epub 2009 Apr 9. ([DOI Direct Link](#))
- [Mini-symposium: primary ciliary dyskinesia.](#)  
*Primary ciliary dyskinesia (PCD) is a rare, autosomal recessive condition....* 12th August, 2009  
- Paediatr Respir Rev. 2009 Jun;10(2):43. Epub 2009 Apr 16. ([DOI Direct Link](#))
- [Severe acute graft versus host disease after lung transplant: report of a case successfully treated with high dose corticosteroids.](#)  
*Acute graft vs host disease is an uncommon and usually fatal complication...* 31st July, 2009  
Respiratory Disease Section, Department of Clinical Medicine and- J Heart Lung Transplant. 2009

- May;28(5):508-10. ([DOI Direct Link](#))
- [Gardner's syndrome \(familial adenomatous polyposis\): a cilia-related disorder.](#)  
*Familial adenomatous polyposis (FAP) is an autosomal dominant form of...*25th July, 2009  
Department of Genetics and Cell Biology, University Medical Centre, and- Lancet Oncol. 2009 Jul;10(7):727-35. ([DOI Direct Link](#))
  - [Initiation and maturation of cilia-generated flow in newborn and postnatal mouse airway.](#)  
*Mucociliary clearance in the adult trachea is well characterized, but...*17th July, 2009  
Laboratory of Developmental Biology, National Heart Lung and Blood- Am J Physiol Lung Cell Mol Physiol. 2009 Jun;296(6):L1067-75. Epub 2009 ([DOI Direct Link](#))
  - [Recurrent chest infection in a 5 year old boy.](#)  
*Adenylate kinase and downstream AMP signaling is an integrated metabolic...*20th June, 2009  
University of Glasgow, Glasgow G12 8QQ.- BMJ. 2009 May 6;338:b945. doi: 10.1136/bmj.b945.
  - [Rhinosinusitis, symptomatology & absence of polyposis in children with primary ciliary dyskinesia.](#)  
*INTRODUCTION: Primary Ciliary Dyskinesia (PCD) describes a group of...*29th May, 2009  
Department of Otolaryngology/Head & Neck Surgery, Charing Cross Hospital,- Rhinology. 2009 Mar;47(1):75-8.
  - [Adenylate Kinase and AMP Signaling Networks: Metabolic Monitoring, Signal Communication and Body Energy Sensing.](#)  
*Adenylate kinase and downstream AMP signaling is an integrated metabolic...*27th May, 2009  
Division of Cardiovascular Disease, Department of Medicine, Mayo Clinic,- Int J Mol Sci. 2009 Apr 17;10(4):1729-72. ([DOI Direct Link](#))
  - [Inactivation of Chibby affects function of motile airway cilia.](#)  
*Chibby (Cby) is a conserved component of the Wnt-beta-catenin pathway. Cby...*16th May, 2009  
Department of Pharmacology, Howard Hughes Medical Institute, USA.- J Cell Biol. 2009 Apr 20;185(2):225-33. Epub 2009 Apr 13. ([DOI Direct Link](#))
  - [\[Primary ciliary dyskinesia. A case report and comparison with 4 previous cases\]](#)  
*We encountered a 59-year-old man, whose chief complaints were sputum and...*6th May, 2009  
Department of Respiratory Medicine, Saitama Cardiovascular and Respiratory- Nihon Kokyuki Gakkai Zasshi. 2009 Mar;47(3):242-8.

#### Ciliary Motility Clinical Trials:



- [Comparison of On-line and Off-line Measurements of Exhaled Nitric Oxide \(NO\)](#)

#### Ciliary Motility Patents:



- 7524512- [Composition and method for the prevention and relief of the symptoms of an incompetent or](#)

[patulous Eustachian tube](#)

- [6566377- .beta.3 adrenergic receptor agonists and uses thereof](#)
- [6387886- Method for the treatment of severe chronic bronchitis \(bronchiectasis\) with an aerosolized antibiotic](#)
- [6340480- Natural composition for the treatment of circulatory conditions](#)
- [6139860- Method of stimulating cilia](#)
- [6087493- Porphyrin compounds as telomerase inhibitors](#)
- [6007824- Natural composition and method for the treatment of sexual dysfunction](#)
- [5977124- .beta.-adrenergic agonists](#)
- [5859044- .beta.-adrenergic agonists](#)
- [5843972- Heterocyclic .beta.-adrenergic agonists](#)
- [4593043- Mercapto acyl-carnitines and pharmaceutical compositions containing same](#)
- [4567200- Esters of mercapto acyl-carnitines and pharmaceutical compositions containing same](#)
- [4518613- Thioalkanoyl-carnitines, process for their preparation and mucolytic pharmaceutical compositions containing same](#)
- [4510318- Dithiodiacyl carnitines](#)
- [4472424- Esters of 2-thenoylmercaptopropionylglycine with substituted hydroxybenzenes, process for their preparation and pharmaceutical compositions containing same](#)
- [6693077- Keratinocyte growth factor-2](#)
- [6706743- .beta.3 adrenergic receptor agonists and uses thereof](#)
- [7435720- Compositions and methods for enhanced mucosal delivery of parathyroid hormone](#)
- [7378438- Beta-agonist compounds comprising nitric oxide donor groups and reactive oxygen species scavenger groups and their use in the treatment of respiratory disorders](#)
- [7244709- Compositions and methods for enhanced mucosal delivery of parathyroid hormone](#)
- [7232667- Keratinocyte growth factor-2 polynucleotides](#)
- [7229966- Compositions and methods for enhanced mucosal delivery of Y2 receptor-binding peptides and methods for treating and preventing obesity](#)
- [7186692- Compositions and methods for enhanced mucosal delivery and non-infused administration of Y2 receptor-binding peptides and methods for treating and preventing obesity](#)
- [7186691- Compositions and methods for enhanced mucosal delivery of Y2 receptor-binding peptides and methods for treating and preventing obesity](#)
- [7166575- Compositions and methods for enhanced mucosal delivery of peptide YY and methods for treating and preventing obesity](#)
- [7157426- Compositions and methods for enhanced mucosal delivery of Y2 receptor-binding peptides and methods for treating and preventing obesity](#)
- [6939867- .beta.3 agonists and uses thereof](#)
- [6930125- Airway alkalization as a therapy for airway diseases](#)
- [6869929- Use of transcription factors for treating inflammation and other diseases](#)
- [6864268- .beta.3 adrenergic receptor agonists](#)
- [6723703- Therapeutic use of aerosolized S-nitrosoglutathione in cystic fibrosis](#)
- [4405638- 2-Methoxyphenyl esters of N-substituted amino acids, a process for their preparation and pharmaceutical compositions containing them](#)

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