

Leigh Disease

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Recent Publications on Leigh Disease:



- [Surf1, associated with Leigh syndrome in humans, is a heme-binding protein in bacterial oxidase biogenesis.](#)
*Biogenesis of mitochondrial cytochrome c oxidase (COX) relies on a large...*20th October, 2009
Institute of Biochemistry, Molecular Genetics, Goethe University, D-60438- J Biol Chem. 2009 Sep 18;284(38):25735-41. Epub 2009 Jul 22. ([DOI Direct Link](#))
- [Clinicopathologic and magnetic resonance imaging characteristics associated with polioencephalomyelopathy in a Shih Tzu.](#)
*CASE DESCRIPTION: A 17-month-old 7-kg (15.4-lb) Shih Tzu was evaluated...*16th October, 2009
Department of Small Animal Medicine and Surgery, College of Veterinary- J Am Vet Med Assoc. 2009 Sep 1;235(5):551-7. ([DOI Direct Link](#))
- [Introducing the human Leigh syndrome mutation T9176G into Saccharomyces cerevisiae mitochondrial DNA leads to severe defects in the incorporation of Atp6p into the ATP synthase and in the mitochondrial morphology.](#)
*The Leigh syndrome is a severe neurological disorder that has been...*15th October, 2009
Institut de Biochimie et Genetique Cellulaires CNRS, Universite Victor- Hum Mol Genet. 2009 Aug 1;18(15):2889-98. Epub 2009 May 18. ([DOI Direct Link](#))
- [Mitochondrial disorders of the nuclear genome.](#)
*BACKGROUND: Mitochondrial myopathies are regulated by two genomes: the...*14th October, 2009
Department of Neurosciences, University of Padova, Italy.- Acta Myol. 2009 Jul;28(1):16-23.
- [Mutations in ND subunits of complex I are an important genetic cause of childhood mitochondrial encephalopathies.](#)
*An increasing number of reports on mitochondrial DNA coding regions'...*7th October, 2009
Department of Pediatrics, Seoul National University College of Medicine,- J Child Neurol. 2009 Jul;24(7):828-32. ([DOI Direct Link](#))
- [Mitochondrial disorders.](#)
*An increasing number of reports on mitochondrial DNA coding regions"...*7th October, 2009
Department of Ophthalmology, Baylor College of Medicine, Texas Children's- Int Ophthalmol Clin. 2009 Summer;49(3):27-33. ([DOI Direct Link](#))
- [From stargazing chicks to seizing infants: thiamine deficiency redux.](#)
*OBJECTIVE: To verify whether enhanced substrate-level phosphorylation...*29th September, 2009
- Neurology. 2009 Sep 15;73(11):824-5. Epub 2009 Aug 5. ([DOI Direct Link](#))
- [Necrotising encephalopathy and porencephaly in lambs.](#)
*The aim of our study was to determine regional cerebral blood flow (rCBF)...*26th September, 2009

- Vet Rec. 2009 Jul 4;165(1):31-2.
- [Clinical, pathological and radiological survey of patients with Leigh syndrome.](#)
*AIM: The aim of this study was to evaluate the clinical, pathological and...*16th September, 2009
Division of Child Neurology, Department of Pediatrics, Dokuz Eylul,- Minerva Pediatr. 2009 Aug;61(4):371-8.
- [Human NARP mitochondrial mutation metabolism corrected with alpha-ketoglutarate/aspartate: a potential new therapy.](#)
*OBJECTIVE: To verify whether enhanced substrate-level phosphorylation...*21st August, 2009
Dipartimento di Biochimica "G. Moruzzi", Universita di Bologna, Bologna,- Arch Neurol. 2009 Aug;66(8):951-7. ([DOI Direct Link](#))
- [\[A case of Leigh syndrome associated with respiratory chain complex I deficiency due to mitochondrial gene 13513G>A mutation\]](#)
*Leigh syndrome is a genetically heterogeneous disease caused by defects in...*12th August, 2009
Department of Pediatrics, Peking University First Hospital, Beijing,- Zhongguo Dang Dai Er Ke Za Zhi. 2009 May;11(5):333-6.
- [Maternally inherited Leigh syndrome: T8993G mutation in a Tunisian family.](#)
*Leigh syndrome is a genetically heterogeneous, neurodegenerative disorder...*11th August, 2009
Laboratory of Molecular Human Genetics, Sfax Faculty of Medicine, Sfax,- Pediatr Neurol. 2009 Jun;40(6):437-42. ([DOI Direct Link](#))
- [99-mTc-HMPAO single photon emission computed tomography examinations in genetically determined neurometabolic disorders.](#)
*The aim of our study was to determine regional cerebral blood flow (rCBF)...*25th July, 2009
Department of Pediatrics, University of Szeged Albert Szent-Gyorgyi- Ideggyogy Sz. 2009 May 30;62(5-6):168-77.
- [Mutation in TACO1, encoding a translational activator of COX I, results in cytochrome c oxidase deficiency and late-onset Leigh syndrome.](#)
*Defects in mitochondrial translation are among the most common causes of...*18th July, 2009
Department of Human Genetics, McGill University, Montreal, Quebec, Canada.- Nat Genet. 2009 Jul;41(7):833-7. Epub 2009 Jun 7. ([DOI Direct Link](#))
- [Diagnostic value of proton MR spectroscopy and diffusion-weighted MR imaging in childhood inherited neurometabolic brain diseases and review of the literature.](#)
*The purpose of this study is to evaluate parenchymal diffusion properties...*23rd June, 2009
Dokuz Eylul University Faculty of Medicine, Department of Radiology,- Eur J Radiol. 2009 Jun 18. ([DOI Direct Link](#))

BioNews Results for Leigh Disease

- [How does Parkinson's drug Cabergoline work?](#)
Telegraph: Oct 28 2009 7:43AM Matching: leigh disease
- [Medical News: Growing Up With Fetal Alcohol Spectrum Disorders](#)
Medical News Today: Oct 17 2009 12:30PM Matching: leigh disease
- [How mitochondrial gene defects impair respiration, other major life functions](#)
PhysOrg.com: Sep 27 2009 1:26AM Matching: leigh disease
- [Leigh's Disease Associated With a Dorsal Midbrain Syndrome](#)
PCON SuperSite: Sep 25 2009 2:21AM Matching: leigh disease
- [Research Reveals How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)
Bioscience Technology Online: Sep 25 2009 9:38PM Matching: leigh disease
- [Research Reveals How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)
Medical News Today: Sep 25 2009 1:01PM Matching: leigh disease
- [How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)

- Red Orbit: Sep 25 2009 10:59AM Matching: leigh disease*
- [How mitochondrial gene defects impair respiration, other major life functions](#)
EurekAlert!: Sep 24 2009 8:21PM Matching: leigh disease
 - [How mitochondrial gene defects impair respiration](#)
Huliq.com: Sep 24 2009 5:32PM Matching: leigh disease
 - [How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)
Science Daily: Sep 24 2009 5:31PM Matching: leigh disease
 - [Research Reveals How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)
Memphis Business Journal: Sep 24 2009 4:53PM Matching: leigh disease
 - [Research Reveals How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)
Business First of Louisville: Sep 24 2009 4:53PM Matching: leigh disease
 - [Research Reveals How Mitochondrial Gene Defects Impair Respiration, Other Major Life Functions](#)
Street Insider: Sep 24 2009 4:24PM Matching: leigh disease
 - [How mitochondrial gene defects impair respiration, other major life functions](#)
Genetic Engineering News: Sep 24 2009 4:03PM Matching: leigh disease
 - [Plague-related death baffles family, researchers](#)
Chicago Tribune: Sep 21 2009 4:06PM Matching: leigh disease

Leigh Disease Patents:



- 7094565- [21612, novel human dehydrogenases](#)
- 7264947- [Activity dependent neurotrophic factor III \(ADNF III\)](#)
- 7282360- [Human protein kinase, phosphatase, and protease family members and uses thereof](#)
- 7288392- [Human protein kinases and uses therefor](#)
- 7301016- [Human transferase family members and uses thereof](#)
- 7303902- [2150, human protein kinase family member and uses therefor](#)
- 7304029- [Neuroprotective effect of growth hormone](#)
- 7309687- [Methods for treatment and prevention of neuromuscular and muscular conditions by peripherally administered erythropoietin](#)
- 7311904- [Tissue matrices comprising placental stem cells, and methods of making the same](#)
- 7311905- [Embryonic-like stem cells derived from post-partum mammalian placenta, and uses and methods of treatment using said cells](#)
- 7329529- [Ubiquitin proteases](#)
- 7256010- [Nucleic acid sequences encoding melanoma associated antigen molecules, aminotransferase molecules, ATPase molecules, acyltransferase molecules, pyridoxal-phosphate dependant enzyme molecules and uses therefor](#)
- 7256002- [Screening for neurotoxic amino acid associated with neurological disorders](#)
- 7255879- [Post-partum mammalian placenta, its use and placental stem cells therefrom](#)
- 7094587- [16002 Molecules and uses therefor](#)
- 7094589- [53010, A novel human carboxylesterase family member and uses thereof](#)
- 7115724- [Murine genomic polynucleotide sequence encoding a G-protein coupled receptor and methods of use therefor](#)
- 7129267- [Methods for SHP1 mediated neuroprotection](#)
- 7179627- [Cyclooxygenase variants and methods of use](#)

- 7192586- [Methods and compositions for treating or preventing skin disorders using binding agents specific for prostate specific membrane antigen](#)
- 7198930- [Human protein kinase, phosphatase, and protease family members and uses thereof](#)
- 7211392- [2150, human protein kinase family member and uses therefor](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7235634- [2786, a novel human aminopeptidase](#)
- 7329645- [TGF-.alpha. polypeptides, functional fragments and methods of use therefor](#)
- 7345019- [Modulation of excitable tissue function by peripherally administered erythropoietin](#)
- 7485308- [26199, 33530, 33949, 47148, 50226, 58764, 62113, 32144, 32235, 23565, 13305, 14911, 86216, 25206, and 8843 molecules and uses therefor](#)
- 7498171- [Modulation of stem and progenitor cell differentiation, assays, and uses thereof](#)
- 7507570- [Recombinant chondroitinase ABC I and uses thereof](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7517864- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 7534606- [Placental stem cell and methods thereof](#)
- 7537893- [Mitochondrial ND5 gene mutations in Parkinson's disease](#)
- 7553950- [Chondroitinase ABC I polynucleotides](#)
- 7557088- [Methods and compositions for treating conditions](#)
- 7592152- [Chondroitinase ABC I and methods of analyzing therewith](#)
- 7482147- [Ubiquitin protease](#)
- 7468276- [Placental stem cells](#)
- 7432305- [Tail variants of redox-active therapeutics for treatment of mitochondrial diseases and other conditions and modulation of energy biomarkers](#)
- 7345178- [Sirtuin modulating compounds](#)
- 7351566- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552, and 65577 molecules and uses therefor](#)
- 7365172- [Loop peptide and TGF.alpha. for stimulating stem cell proliferation and migration](#)
- 7384908- [Orally active peptides that prevent cell damage and death](#)
- 7393918- [Protein binding miniature proteins and uses thereof](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7410941- [Methods for treatment of neurodegenerative conditions by peripherally administered erythropoietin](#)
- 7411054- [25869, 25934, 26335, 50365, 21117, 38692, 46508, 16816, 16839, 49937, 49931 and 49933 molecules and uses therefor](#)
- 7427590- [Neurotrophic components of the ADNF I complex](#)
- 7427598- [Post-natal administration of activity-dependent neurotrophic factor-derived polypeptides for enhancing learning and memory](#)
- 7601816- [Antibodies to cyclooxygenase variants](#)

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