

# Melas Syndrome

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## Recent Publications on Melas Syndrome:



- [Heart Diseases in Mitochondrial Encephalomyopathy, Lactic Acidosis, and Stroke Syndrome.](#)  
*Mitochondrial encephalomyopathy, lactic acidosis, and stroke (MELAS)*...21st November, 2009  
From Critical Care Medicine, Boulevard Raymond-Poincare, Raymond Poincare- Congest Heart Fail. 2009 Nov 1;15(6):284-287. ([DOI Direct Link](#))
- [Stroke in Myopathies.](#)  
*Objectives: Only few data are available about the risk of myopathy*...7th November, 2009  
Neurological Department, Krankenanstalt Rudolfstiftung, Vienna, Austria.- Cerebrovasc Dis. 2009 Nov 5;29(1):6-13. ([DOI Direct Link](#))
- [Laminar cortical necrosis in mitochondrial disorders.](#)  
*OBJECTIVES: Laminar cortical necrosis, defined as focal or diffuse*...5th November, 2009  
Krankenanstalt- Clin Neurol Neurosurg. 2009 Oct;111(8):655-8. Epub 2009 Aug 6. ([DOI Direct Link](#))
- [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](#))
- [Management of mitochondrial stroke-like-episodes.](#)  
*Aim of this review is to discuss recent findings concerning the management*...29th September, 2009  
Krankenanstalt Rudolfstiftung, Vienna and Danube University, Krems,- Eur J Neurol. 2009 Nov;16(11):1178-84. Epub 2009 Sep 23. ([DOI Direct Link](#))
- [Association of the MELAS m.3243A>G mutation with myositis and the superiority of urine over muscle, blood and hair for mutation detection.](#)  
*A patient with a known family history of mitochondrial encephalomyopathy,*...23rd September, 2009  
St Vincent's Melbourne Neuromuscular Diagnostic Laboratory, Department of- J Clin Neurosci. 2009 Sep;16(9):1223-5. Epub 2009 Jun 6. ([DOI Direct Link](#))
- [\[A3243G Mitochondrial DNA Mutation and Heterogeneous Phenotypic Expression.\]](#)  
*Background: mitochondrial DNA (DNAm) mutations are associated with*...12th September, 2009  
Facultad de Medicina de Leon, Universidad de Guanajuato. Hospital Angeles- Rev Med Inst Mex Seguro Soc. 2009 Mar-Apr;47(2):219-25.

- [\[A study on the expression of anti-mitochondrial antibody in the brain of patients with MELAS syndrome\]](#)  
*OBJECTIVE: To investigate the pathological changes and pathogenesis of the...*4th September, 2009  
Department of Neurology, Navy General Hospital, Beijing 100037, China.- Zhonghua Nei Ke Za Zhi. 2009 Apr;48(4):274-6.
- [Friedrich Nietzsche \(1844-1900\): a classical case of mitochondrial encephalomyopathy with lactic acidosis and stroke-like episodes \(MELAS\) syndrome?](#)  
*Friedrich Nietzsche was one of the most influential and profound German...*3rd September, 2009  
- J Med Biogr. 2009 Aug;17(3):161-4. ([DOI Direct Link](#))
- [\[Arreflexic coma and MELAS syndrome.\]](#)  
*MELAS is a progressive neurodegenerative and fatal disease characterized...*28th August, 2009  
Servicio de Medicina Intensiva. Hospital Universitario Reina Sofia.- Rev Clin Esp. 2009 Jul-Aug;209(7):337-41.
- [A novel mitochondrial DNA mutation in COX1 leads to strokes, seizures, and lactic acidosis.](#)  
*Cytochrome c oxidase (COX) is the terminal enzyme of the respiratory...*14th August, 2009  
Divison of Neurology, Hospital for Sick Children and the University of- Neuropediatrics. 2008 Dec;39(6):328-34. Epub 2009 Jun 30. ([DOI Direct Link](#))
- [Different effects of novel mtDNA G3242A and G3244A base changes adjacent to a common A3243G mutation in patients with mitochondrial disorders.](#)  
*Two novel mitochondrial DNA base changes were identified at both sides of...*3rd July, 2009  
Department of Mental Retardation and Birth Defect Research, National- Mitochondrion. 2009 Apr;9(2):115-22. Epub 2009 Jan 21. ([DOI Direct Link](#))
- [The study of mitochondrial A3243G mutation in different samples.](#)  
*Mitochondrial encephalopathy, lactic acidosis and stroke-like episodes...*3rd July, 2009  
Department of Central Laboratory, Peking University First Hospital, No. 8,- Mitochondrion. 2009 Apr;9(2):139-43. Epub 2009 Jan 21. ([DOI Direct Link](#))
- [PET imaging of redox and energy states in stroke-like episodes of MELAS.](#)  
*In stroke-like episodes of patients with mitochondrial myopathy,...*3rd July, 2009  
Second Department of Internal Medicine (Neurology), Faculty of Medical- Mitochondrion. 2009 Apr;9(2):144-8. Epub 2009 Jan 30. ([DOI Direct Link](#))

## Melas Syndrome Patents:



- 7572616- [Alternative oxidase and uses thereof](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6613740- [Activity dependent neurotrophic factor III \(ADNF III\)](#)
- 6503947- [Method of treating cytotoxic damage](#)
- 6071876- [Method of preventing NMDA receptor complex-mediated neuronal damage](#)
- 5801203- [Nitroglycerine patch](#)
- 5747545- [Method of preventing NMDA receptor complex-mediated Neuronal damage](#)
- 5728728- [Methods of providing neuroprotection](#)
- 5686475- [Application of riluzole in the treatment of mitochondrial diseases](#)
- 5614560- [Method of preventing NMDA receptor-mediated neuronal damage](#)
- 5455279- [Regimen method of mediating neuronal damage using nitroglycerine](#)
- 6933277- [Prevention of fetal alcohol syndrome and neuronal cell death with ADNF polypeptides](#)

- 7141597- [Nonsedating .alpha.-2 agonists](#)
- 7544478- [Method for screening for compounds that modulate P16 mediated regulation of NMDA receptors](#)
- 7537893- [Mitochondrial ND5 gene mutations in Parkinson's disease](#)
- 7470798- [7,8-bicycloalkyl-chroman derivatives](#)
- 7439063- [Neuroprotective synergy of erythropoietin and insulin-like growth factors](#)
- 7345178- [Sirtuin modulating compounds](#)
- 7312238- [Nonsedating .alpha.-2 agonists](#)
- 7304171- [Compounds and methods for cytoprotection](#)
- 7291461- [Methods for identifying small molecules that modulate premature translation termination and nonsense mRNA decay](#)
- 7264947- [Activity dependent neurotrophic factor III \(ADNF III\)](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 5334618- [Method of preventing NMDA receptor-mediated neuronal damage](#)

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