

# Wolfram Syndrome

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## Recent Publications on Wolfram Syndrome:

- [Wolfram syndrome \(diabetes insipidus, diabetes, optic atrophy, and deafness\): clinical and genetic study.](#)  
*OBJECTIVE: Wolfram syndrome is an autosomal recessive neurodegenerative...* 19th November, 2008  
Pediatric Clinic, University of Genoa, G. Gaslini Institute, Genoa, Italy.- *Diabetes Care.* 2008 Sep;31(9):1743-5. Epub 2008 Jun 19. ([DOI Direct Link](#))
- [\[The rare syndromic forms of monogenic diabetes in childhood\]](#)  
*The most frequent form of diabetes in the childhood is type 1 diabetes....* 17th October, 2008  
Kliniki Chorob Dzieci I Katedry Pediatrii UM w Lodzi.- *Endokrynol Diabetol Chor Przemiany Materii Wieku Rozw.* 2008;14(1):41-3.
- [Wolfram syndrome.](#)  
*Wolfram syndrome is a rare neurodegenerative and genetic disorder, which...* 11th October, 2008  
M.V. Hospital for Diabetes and Diabetes Research Centre, Chennai.- *J Assoc Physicians India.* 2008 Mar;56:197-9.
- [Wolfram syndrome 1 \(Wfs1\) gene expression in the normal mouse visual system.](#)  
*Wolfram syndrome (OMIM 222300) is a neurodegenerative disorder defined by...* 1st October, 2008  
Laboratory for Neuroanatomy, Department of Neurology, Kagoshima University- *J Comp Neurol.* 2008 Sep 1;510(1):1-23. ([DOI Direct Link](#))
- [Familial Wolfram syndrome due to compound heterozygosity for two novel WFS1 mutations.](#)  
*PURPOSE: To describe the first instance of genotyping in a Latin American...* 25th September, 2008  
Department of Genetics, Conde de Valenciana, Mexico City, Mexico.- *Mol Vis.* 2008 Jul 25;14:1353-7.
- [WFS1 mutations are frequent monogenic causes of juvenile-onset diabetes mellitus in Lebanon.](#)  
*Most cases of juvenile-onset diabetes (JOD) are diagnosed as type 1...* 23rd September, 2008  
- *Hum Mol Genet.* 2008 Dec 15;17(24):4012-21. Epub 2008 Sep 20. ([DOI Direct Link](#))
- [Autoimmune disease in a DFNA6/14/38 family carrying a novel missense mutation in WFS1.](#)  
*Most familial cases of autosomal dominant low frequency sensorineural...* 16th September, 2008  
Department of Otolaryngology, Head and Neck Surgery, University of Iowa,- *Am J Med Genet A.* 2008 Sep 1;146A(17):2258-65. ([DOI Direct Link](#))
- [Hearing impairment in genotyped Wolfram syndrome patients.](#)  
*OBJECTIVES: Wolfram syndrome is a progressive neurodegenerative syndrome...* 13th September, 2008  
Department of Otorhinolaryngology, Radboud University Nijmegen Medical- *Ann Otol Rhinol Laryngol.* 2008 Jul;117(7):494-500.
- [Distribution of Wfs1 protein in the central nervous system of the mouse and its relation to clinical](#)

[symptoms of the Wolfram syndrome.](#)

*Mutations in the coding region of the WFS1 gene cause Wolfram syndrome, a...*21st August, 2008  
Department of Physiology, University of Tartu, Tartu 50411, Estonia.- J Comp Neurol. 2008 Aug 20;509(6):642-60. ([DOI Direct Link](#))

- [Dissecting the Nutrigenomics, Diabetes, and Gastrointestinal Disease Interface: From Risk Assessment to Health Intervention.](#)

*Abstract The promise of nutrigenomics is of personalized nutrition that...*20th August, 2008  
The University of Auckland, Auckland, New Zealand.- OMICS. 2008 Aug 19. ([DOI Direct Link](#))

- [In search of the DFNA11 myosin VIIA low- and mid-frequency auditory genetic modifier.](#)

*OBJECTIVES: To evaluate the auditory, vestibular, and retinal...*1st August, 2008  
V. M. Bloedel Hearing Research Center, Otolaryngology-HNS Department,- Otol Neurotol. 2008 Sep;29(6):860-7. ([DOI Direct Link](#))

- [Behavioral and gene expression analyses of Wfs1 knockout mice as a possible animal model of mood disorder.](#)

*Wolfram disease is a rare genetic disorder frequently accompanying...*30th July, 2008  
Laboratory for Molecular Dynamics of Mental Disorders, RIKEN Brain Science- Neurosci Res. 2008 Jun;61(2):143-58. Epub 2008 Feb 14. ([DOI Direct Link](#))

- [ATF4-mediated induction of 4E-BP1 contributes to pancreatic beta cell survival under endoplasmic reticulum stress.](#)

*Endoplasmic reticulum (ER) stress-mediated apoptosis may play a crucial...*30th April, 2008  
Division of Molecular Metabolism and Diabetes, Tohoku University Graduate- Cell Metab. 2008 Mar;7(3):269-76. ([DOI Direct Link](#))

- [Gene symbol: WFS1. Disease: Wolfram syndrome.](#)

*Mutations in the coding region of the WFS1 gene cause Wolfram syndrome, a...*26th April, 2008  
Research Centre for Medical Genetics, Laboratory of Inborn Errors of- Hum Genet. 2008 Feb;123(1):113.

- [\[Wolfram syndrome: four case reports\]](#)

*Wolfram syndrome, also known as DIDMOAD syndrome, is a rare disease...*2nd April, 2008  
Service d'Ophthalmologie A- Hopital des Specialites Rabat, Maroc.- Bull Soc Belge Ophthalmol. 2007;(306):43-7.

**Wolfram Syndrome Patents:**



- 7371207- [Estrogen receptor .alpha. regulated gene expression, related assays and therapeutics](#)
- 6927218- [Aryl N-cyanoguanidines and methods related thereto](#)
- 6875570- [Proteins and nucleic acids encoding same](#)
- 6808873- [Screening assays using intramitochondrial calcium](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6683080- [Treatment of diabetes mellitus](#)
- 6562821- [Aryl-N-cyanoguanidines and methods related thereto](#)
- 6323039- [Compositions and methods for assaying subcellular conditions and processes using energy transfer](#)
- 6280981- [Compositions and methods for assaying subcellular conditions and processes using energy transfer](#)

- 6268398- [Compounds and methods for treating mitochondria-associated diseases](#)
- 6933120- [Method of determining biological/molecular age](#)
- 6951890- [Preventing and/or treating cardiovascular disease and/or associated heart failure](#)
- 6953680- [Mitofusins, Fzo Homologs and functional derivatives thereof](#)
- 7358074- [Human phosphatase RET31, and variants thereof](#)
- 7345178- [Sirtuin modulating compounds](#)
- 7304171- [Compounds and methods for cytoprotection](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7230132- [Aryl N-cyanoguanidines and methods related thereto](#)
- 7226791- [Polynucleotides encoding novel guanylate binding proteins \(GBP's\)](#)
- 7153678- [Polynucleotides encoding the novel human phosphatase, RET31, and variants thereof](#)
- 7037695- [Methods of assessing wolframin protein activity](#)
- 6984771- [Mice heterozygous for WFS1 gene as mouse models for depression](#)
- 6203990- [Method and system for pattern analysis, such as for analyzing oligonucleotide primer extension assay products](#)

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