

Zellweger Syndrome

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Recent Publications on Zellweger Syndrome:

- [Spectrum of PEX6 mutations in Zellweger syndrome spectrum patients.](#)
*The autosomal recessive Zellweger syndrome spectrum (ZSS) disorders...*31st October, 2009
University of Amsterdam, Academic Medical Center, Department of Clinical- Hum Mutat. 2009 Oct 29. ([DOI Direct Link](#))
- [alpha-Synuclein abnormalities in mouse models of peroxisome biogenesis disorders.](#)
*alpha-Synuclein (alphaS) is a presynaptic protein implicated in...*16th October, 2009
Department of Biochemistry and Molecular Biology, The Institute for- J Neurosci Res. 2009 Oct 14. ([DOI Direct Link](#))
- [Fuzzy scaling analysis of a mouse mutant with brain morphological changes.](#)
*Scaling behavior inherently exists in fundamental biological structures...*6th October, 2009
School of Information Technology and Electrical Engineering, The- IEEE Trans Inf Technol Biomed. 2009 Jul;13(4):629-35. Epub 2009 Apr 14. ([DOI Direct Link](#))
- [Corneal ulceration due to vitamin A deficiency in Zellweger syndrome.](#)
*We report a case of vitamin A deficiency and secondary corneal ulcer in an...*22nd September, 2009
Vanderbilt University Medical Center, Nashville, Tennessee 37232, USA.- J AAPOS. 2009 Jun;13(3):289-91. ([DOI Direct Link](#))
- [Rational diagnostic strategy for Zellweger syndrome spectrum patients.](#)
*Zellweger syndrome spectrum (ZSS) comprises a clinically and genetically...*2nd September, 2009
Department of Pediatrics and Pediatric Neurology, Faculty of Medicine,- Eur J Hum Genet. 2009 Jun;17(6):741-8. Epub 2009 Jan 14. ([DOI Direct Link](#))
- [Zellweger syndrome caused by PEX13 deficiency: report of two novel mutations.](#)
*Peroxisomal biogenesis disorders represent a group of genetically...*31st July, 2009
National Laboratory for Newborn Screening, King Faisal Specialist Hospital- Am J Med Genet A. 2009 Jun;149A(6):1219-23. ([DOI Direct Link](#))
- [Pex3p-dependent peroxisomal biogenesis initiates in the endoplasmic reticulum of human fibroblasts.](#)
*The mechanisms of peroxisomal biogenesis remain incompletely understood...*30th May, 2009
Departamento de Biología Celular y Molecular, Centro de Regulación Celular- J Cell Biochem. 2009 Aug 15;107(6):1083-96. ([DOI Direct Link](#))
- [Identification of novel mutations and sequence variation in the Zellweger syndrome spectrum of peroxisome biogenesis disorders.](#)
*Peroxisome biogenesis disorders (PBD) are a heterogeneous group of...*29th May, 2009
Department of Biochemistry and Molecular Biology, University of Southern- Hum Mutat. 2009 Mar;30(3):E467-80. ([DOI Direct Link](#))

- [A PEX10 defect in a patient with no detectable defect in peroxisome assembly or metabolism in cultured fibroblasts.](#)
Zellweger spectrum disorders (ZSD) are diagnosed by biochemical assay in... 23rd May, 2009
Neurogenetics, Kennedy Krieger Institute, Baltimore, Maryland 21205, USA.- J Inher Metab Dis. 2009 Feb;32(1):109-19. Epub 2008 Dec 25. ([DOI Direct Link](#))
- [Phosphatidyl ethanolamine with increased polyunsaturated fatty acids in compensation for plasmalogen defect in the Zellweger syndrome brain.](#)
To elucidate the neuropathological mechanism of Zellweger syndrome (ZS),... 28th April, 2009
Department of Developmental Medical Sciences, Graduate School of Medicine,- Neurosci Lett. 2009 Jan 16;449(3):164-7. Epub 2008 Nov 7. ([DOI Direct Link](#))
- [Role of an ancestral d-bifunctional protein containing two sterol-carrier protein-2 domains in lipid uptake and trafficking in Toxoplasma.](#)
The inability to synthesize cholesterol is universal among protozoa. The... 13th March, 2009
Department of Molecular Microbiology and Immunology, Johns Hopkins- Mol Biol Cell. 2009 Jan;20(2):658-72. Epub 2008 Nov 12. ([DOI Direct Link](#))
- [Plasmalogens participate in very-long-chain fatty acid-induced pathology.](#)
Peroxisomes are organelles responsible for multiple metabolic pathways... 11th March, 2009
Academic Medical Center, Lab GMZ F0-224, Amsterdam, The Netherlands.- Brain. 2009 Feb;132(Pt 2):482-92. Epub 2008 Nov 20. ([DOI Direct Link](#))
- [Effect of dietary Lorenzo's oil and docosahexaenoic acid treatment for Zellweger syndrome.](#)
We investigated the possible therapeutic effect of decreasing plasma... 22nd January, 2009
Department of Pediatrics, Juntendo University, School of Medicine, Tokyo,- Congenit Anom (Kyoto). 2008 Dec;48(4):180-2. ([DOI Direct Link](#))
- [Urine acylcarnitine analysis by ESI-MS/MS: a new tool for the diagnosis of peroxisomal biogenesis disorders.](#)
BACKGROUND: Patients with peroxisomal biogenesis disorders (PBDs) have an... 22nd January, 2009
Division of Metabolism, Bambino Gesù Research Institute, Piazza S. Onofrio- Clin Chim Acta. 2008 Dec;398(1-2):86-9. Epub 2008 Aug 28. ([DOI Direct Link](#))
- [\[Our experience in the diagnosis of peroxisomal diseases with an abnormal fatty acid profile\]](#)
INTRODUCTION: The aetiology and clinical features of peroxisomal diseases... 19th September, 2008
Seccion de Neuropediatria, Hospital Infantil Universitario Miguel Servet,- Rev Neurol. 2008 Jul 1-15;47(1):1-5.

Zellweger Syndrome Patents:



- 7256010- [Nucleic acid sequences encoding melanoma associated antigen molecules, aminotransferase molecules, ATPase molecules, acyltransferase molecules, pyridoxal-phosphate dependant enzyme molecules and uses therefor](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7399832- [Metalloprotease-disintegrin ADAM23 \(SVPH3-17\)](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7411054- [25869, 25934, 26335, 50365, 21117, 38692, 46508, 16816, 16839, 49937, 49931 and 49933](#)

[molecules and uses therefor](#)

- 7422884- [Feedback-resistant mevalonate kinases](#)
- 7423194- [Animal models for demyelination disorders](#)
- 7427396- [AAV vectors for gene delivery to the lung](#)
- 7446176- [12 human secreted proteins](#)
- 7459271- [Method for detecting whether an organism is homozygous or heterozygous using labelled primers and RFLP](#)
- 7390637- [Keratinocyte derived interferon](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7378492- [CD40-related receptor that binds CD40L](#)
- 7259151- [AAV virions with decreased immunoreactivity and uses therefor](#)
- 7282360- [Human protein kinase, phosphatase, and protease family members and uses thereof](#)
- 7285631- [Human cDNAs and proteins and uses thereof](#)
- 7291461- [Methods for identifying small molecules that modulate premature translation termination and nonsense mRNA decay](#)
- 7291626- [Inhibitors of hedgehog signaling pathways, compositions and uses related thereto](#)
- 7301016- [Human transferase family members and uses thereof](#)
- 7303902- [2150, human protein kinase family member and uses therefor](#)
- 7351566- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552, and 65577 molecules and uses therefor](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7459531- [50 Human secreted proteins](#)
- 7468472- [Polynucleotides encoding proteins involved in plant metabolism](#)
- 7527936- [Modulators of angiogenesis](#)
- 7527962- [Human diacylglycerol acyltransferase 2 \(DGAT2\) family members and uses therefor](#)
- 7534439- [Nucleic sequence and deduced protein sequence family with human endogenous retroviral motifs, and their uses](#)
- 7566533- [Clinically intelligent diagnostic devices and methods](#)
- 7569384- [Albumin fusion proteins](#)
- 7576101- [Composition for and treatment of demyelinating diseases and paralysis by administration of remyelinating agents](#)
- 7585840- [Use of osteoprotegerin for the treatment and/or prevention of fibrotic disease](#)
- 7592010- [Albumin fusion proteins](#)
- 7595318- [Polyethylene glycol conjugates of heterocycloalkyl carboxamido propanoic acids](#)
- 7601366- [Promotion of peroxisomal catalase function in cells](#)
- 7521424- [Albumin fusion proteins](#)
- 7517864- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 7514461- [Chroman derivatives](#)
- 7470798- [7,8-bicycloalkyl-chroman derivatives](#)
- 7482013- [Albumin fusion proteins](#)
- 7485308- [26199, 33530, 33949, 47148, 50226, 58764, 62113, 32144, 32235, 23565, 13305, 14911, 86216, 25206, and 8843 molecules and uses therefor](#)
- 7485435- [Simultaneous detection of metabolic enzyme activity and metabolite levels](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGMR10](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7511052- [Pyrimidinyl amide compounds which inhibit leukocyte adhesion mediated by VLA-4](#)
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