

# Udpglucose 4-Epimerase

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## Recent Publications on Udpglucose 4-Epimerase:



- [A key enzyme of the Leloir pathway is involved in pathogenicity of \*Leptosphaeria maculans\* toward oilseed rape.](#)  
*Agrobacterium tumefaciens*-mediated random insertional mutagenesis was used...8th August, 2009  
INRA, UMR 1290 BIOGER, F-78026 Versailles cedex, France.- *Mol Plant Microbe Interact.* 2009 Jun;22(6):725-36. ([DOI Direct Link](#))
- [Tetracycline resistome of the organic pig gut.](#)  
*The occurrence of genes conferring resistance to tetracyclines in the...*16th May, 2009  
Rowett Institute of Nutrition and Health, University of Aberdeen, Aberdeen- *Appl Environ Microbiol.* 2009 Mar;75(6):1717-22. Epub 2009 Jan 23. ([DOI Direct Link](#))
- [Functional analysis of mutations in UDP-galactose-4-epimerase \(GALE\) associated with galactosemia in Korean patients using mammalian GALE-null cells.](#)  
*Galactosemia is caused by defects in the galactose metabolic pathway,...*16th April, 2009  
Ilsong Institute of Life Science, Hallym University, Dongan-gu, Anyang,- *FEBS J.* 2009 Apr;276(7):1952-61. Epub 2009 Feb 23. ([DOI Direct Link](#))
- [A variety of electrostatic interactions and adducts can activate NAD\(P\) cofactors for hydride transfer.](#)  
*In NAD(P)-dependent enzymes the coenzyme gives or takes a hydride ion, but...*28th February, 2009  
Synchrotron Soleil, L'Orme des Merisiers, Saint Aubin, France.- *Chem Biol Interact.* 2009 Mar 16;178(1-3):24-8. Epub 2008 Nov 5. ([DOI Direct Link](#))
- [Mutation analysis of WASF2 and GALE genes in one Chinese family with benign familial infantile convulsions with a novel locus.](#)  
*Benign familial infantile convulsions (BFIC) are an autosomal dominant...*20th February, 2009  
Department of Neurology, The Third Affiliated Xiangya Hospital, Central- *J Investig Med.* 2007 Dec;55(8):439-43.
- [UGE1 and UGE2 regulate the UDP-glucose/UDP-galactose equilibrium in \*Cryptococcus neoformans\*.](#)  
*The genome of the basidiomycete pathogenic yeast *Cryptococcus neoformans*...*24th January, 2009  
Unite de Mycologie Moleculaire, Institut Pasteur, CNRS, URA3012, 75724- *Eukaryot Cell.* 2008 Dec;7(12):2069-77. Epub 2008 Sep 26. ([DOI Direct Link](#))
- [UDP-GlcNAc2-epimerase regulates cell surface sialylation and ceramide-induced cell death in human malignant lymphoma.](#)  
*Stress signals induce ceramide (cer) through sphingomyelinase activation,...*4th October, 2008  
First Department of Pathology, Fukushima Medical University, School of- *Int J Mol Med.* 2008 Sep;22(3):339-48.
- [A metagenomic approach to the identification of UDP-glucose 4-epimerase as a menadione resistance](#)

[protein.](#)

*Quinones are potentially toxic agents that generate reactive oxygen...* 30th August, 2008

Institute for Biological Resources and Functions, National Institute of- Biosci Biotechnol Biochem. 2008 Jun;72(6):1611-4. Epub 2008 Jun 7.

- [S-nitrosylated proteins of a medicinal CAM plant Kalanchoe pinnata- ribulose-1,5-bisphosphate carboxylase/oxygenase activity targeted for inhibition.](#)

*Nitric oxide (NO) is a signaling molecule that affects a myriad of...* 17th July, 2008

Department of Botany, Plant Molecular Physiology and Biochemistry- FEBS J. 2008 Jun;275(11):2862-72. Epub 2008 Apr 28. ([DOI Direct Link](#))

- [Structure and reaction mechanism of basil eugenol synthase.](#)

*Phenylpropenes, a large group of plant volatile compounds that serve in...* 17th July, 2008

Jack H. Skirball Center for Chemical Biology and Proteomics, The Salk- PLoS One. 2007 Oct 3;2(10):e993. ([DOI Direct Link](#))

- [Analysis of UDP-galactose 4'-epimerase mutations associated with the intermediate form of type III galactosaemia.](#)

*Type III galactosaemia is a hereditary disease caused by reduced activity...* 24th June, 2008

Department of Human Genetics, Emory University School of Medicine, Emory- J Inherit Metab Dis. 2008 Feb;31(1):108-16. Epub 2008 Jan 14. ([DOI Direct Link](#))

- [Axonal degeneration induced by intraneural injection of Campylobacter jejuni antiserum containing high titer anti-GM1 antibody.](#)

*Ganglioside-like structures in CAMPYLOBACTER JEJUNI ( C. JEJUNI)...* 6th June, 2008

Department of Pediatrics, The First Affiliated Hospital, Zunyi Medical- Neuropediatrics. 2007 Oct;38(5):228-32. ([DOI Direct Link](#))

- [Diagnosis of inherited disorders of galactose metabolism.](#)

*Galactose metabolism occurs through an evolutionarily conserved pathway in...* 28th May, 2008

Leonard Miller School of Medicine, University of Miami, Miami, Florida,- Curr Protoc Hum Genet. 2008 Jan;Chapter 17:Unit 17.5. ([DOI Direct Link](#))

- [Vibrio vulnificus biotype 2 serovar E gne but not galE is essential for lipopolysaccharide biosynthesis and virulence.](#)

*This work aimed to establish the role of gne (encoding UDP-GalNAc...* 18th April, 2008

Departamento de Microbiologia y Ecologia, Universidad de Valencia, c/ Dr.- Infect Immun. 2008 Apr;76(4):1628-38. Epub 2008 Jan 28. ([DOI Direct Link](#))

- [Distinct roles of galactose-1P in galactose-mediated growth arrest of yeast deficient in galactose-1P uridylyltransferase \(GALT\) and UDP-galactose 4'-epimerase \(GALE\).](#)

*Galactose is metabolized in humans and other species by the three-enzyme...* 4th April, 2008

Department of Human Genetics, Emory University School of Medicine, Room- Mol Genet Metab. 2008 Feb;93(2):160-71. Epub 2007 Nov 5. ([DOI Direct Link](#))

## BioNews Results for Udpglucose 4-Epimerase

- [U.S. Food and Drug Administration Approves ABILIFY \(aripiprazole\) for the Treatment of Irritability Associated with Autistic Disorder in Pediatric Patients \(Ages 6 to 17 Years\)](#)  
*Earthtimes.org: Nov 20 2009 11:57PM Matching: 4*
- [Swine flu vaccine clinics scheduled](#)  
*North Jersey.com: Nov 21 2009 7:28AM Matching: 4*
- [5 reasons to get the H1N1 flu vaccine](#)  
*Online La Crosse Tribune: Nov 21 2009 6:22AM Matching: 4*
- [Scientists find how 4-HB is metabolized by the body](#)  
*News-Medical.Net: Nov 20 2009 6:46AM Matching: 4*

- [Researchers begin to decipher metabolism of sexual assault drug](#)  
*Genetic Engineering News: Nov 20 2009 6:20AM Matching: 4*
- [Researchers begin to decipher metabolism of sexual assault drug](#)  
*Research & Development: Nov 20 2009 5:50AM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement Instruments - A World Market Analysis](#)  
*KLFY: Nov 20 2009 10:39PM Matching: 4*
- [A multicentre, randomised, double-blind, placebo controlled study of cryotherapy versus cryotherapy and podophyllotoxin cream as treatment for external anogenital warts](#)  
*Journal of Sexually Transmitted Infections: Nov 20 2009 6:58PM Matching: 4*
- [Reportlinker Adds Stethoscopes - A Worldwide Market Intelligence Report](#)  
*SmartBrief: Nov 20 2009 6:06PM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement Instruments - A World Market Analysis](#)  
*KSLA: Nov 20 2009 5:53PM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement Instruments - A World Market Analysis](#)  
*Orlando Business Journal: Nov 20 2009 4:39PM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement Instruments - A World Market Analysis](#)  
*Business Review Albany: Nov 20 2009 4:39PM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement Instruments - A World Market Analysis](#)  
*Phoenix Business Journal: Nov 20 2009 4:38PM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement Instruments - A World Market Analysis](#)  
*Yahoo! Canada: Nov 20 2009 4:26PM Matching: 4*
- [Reportlinker Adds Blood Pressure Monitoring & Measurement](#)  
*PR Newswire via MSN Money: Nov 20 2009 4:09PM Matching: 4*

#### Udpoglucose 4-Epimerase Patents:



- 7618949- [Drug-eluting stents coated with P2Y.sub.12 receptor antagonist compound](#)
- 6395299- [Matrices for drug delivery and methods for making and using the same](#)
- 6500661- [Enzymatic conversion of GDP-mannose to GDP-fucose](#)
- 6593114- [Staphylococcus aureus polynucleotides and sequences](#)
- 6737248- [Staphylococcus aureus polynucleotides and sequences](#)
- 7018985- [Composition and method for inhibiting platelet aggregation](#)
- 7026142- [Methods for enzymatic conversion of GDP-mannose to GDP-fucose](#)
- 7052913- [Matrices for drug delivery and methods for making and using the same](#)
- 7101860- [Composition and method for inhibiting platelet aggregation](#)
- 7132408- [Composition and method for inhibiting platelet aggregation](#)
- 7244601- [Fusion proteins for use in enzymatic synthesis of oligosaccharides](#)
- 7247456- [Preparation of fucosylated oligosaccharides](#)
- 7452870- [Drug-eluting stents coated with P2Y.sub.12 receptor antagonist compound](#)
- 7569376- [Fucosyltransferase fusion protein](#)
- 6117651- [Expression vectors](#)

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