

# Udpglucose 4-Epimerase

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## Recent Publications on Udpglucose 4-Epimerase:

- [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.](#)  
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- [Diagnosis of inherited disorders of galactose metabolism.](#)  
*Galactose metabolism occurs through an evolutionarily conserved pathway in...*28th May, 2008  
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- [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  
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- [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  
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- [The cloning and sequencing of the UDP-galactose 4-epimerase gene \(galE\) from Avibacterium paragallinarum.](#)  
The putative uridine diphosphate (UDP)-galactose 4-epimerase encoding...7th December, 2007  
Department of Microbial, Biochemical and Food Biotechnology, University of- DNA Seq. 2007 Aug;18(4):265-8. ([DOI Direct Link](#))
- [UDP-glucose 4-epimerase isoforms UGE2 and UGE4 cooperate in providing UDP-galactose for cell wall biosynthesis and growth of Arabidopsis thaliana.](#)  
Five Arabidopsis thaliana genes that encode UDP-glucose 4-epimerase (UGE)...18th October, 2007  
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- [UDP-N-acetylglucosamine 4'-epimerase from the intestinal protozoan Giardia intestinalis lacks UDP-glucose 4'-epimerase activity.](#)  
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- [Biochemical and functional characterization of UDP-galactose 4-epimerase from Aeromonas hydrophila.](#)  
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Gene Regulation Laboratory, School of Biotechnology, Jawaharlal Nehru- Biochim Biophys Acta. 2007 Jul;1774(7):828-37. Epub 2007 Apr 29. ([DOI Direct Link](#))
- [Systematic capsule gene disruption reveals the central role of galactose metabolism on Cryptococcus neoformans virulence.](#)  
The polysaccharidic capsule is the main virulence factor of Cryptococcus...24th August, 2007  
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Graduate School of Life and Environmental Sciences, University of Tsukuba,- J Exp Bot. 2007;58(7):1825-34. Epub 2007 Apr 2. ([DOI Direct Link](#))
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Department of Biochemistry, The Ohio State University, Columbus, OH 43210,- Biochem Biophys Res Commun. 2007 May 11;356(3):604-9. Epub 2007 Mar 12. ([DOI Direct Link](#))

## BioNews Results for Udpglucose 4-Epimerase

- [ERBITUX Phase 3 BMS-099 Lung Cancer Study Secondary Endpoint Update: Overall Survival Results Announced](#)  
SkyNewswire.com: Aug 30 2008 7:00AM Matching: 4
- [Castrate-Resistant Prostate Cancer: Early Evidence of Activity with Immunotherapies](#)  
Oncology Times: Aug 30 2008 1:27AM Matching: 4
- [New England Journal of Medicine Publishes Phase III Results of VELCADE\(R\) \(Bortezomib\) for Injection in Previo](#)

- KOTA Territory News: Aug 29 2008 5:04PM Matching: 4*
- [Practice Based Commissioning GP practice survey](#)  
*Government News Network: Aug 29 2008 12:17PM Matching: 4*
- [Tendon-Bone Insertion Repair and Regeneration Using Polyglycolic Acid Sheet in the Rabbit Rotator Cuff Injury](#)  
*American Journal of Sports Medicine: Aug 29 2008 2:52AM Matching: 4*
- [ERBITUX\(R\) Phase 3 BMS-099 Lung Cancer Study Secondary Endpoint Update: Overall Survival Results Announced](#)  
*Genetic Engineering News: Aug 29 2008 4:55PM Matching: 4*
- [Half-yearly Report](#)  
*London Stock Exchange: Aug 29 2008 12:06PM Matching: 4*
- [Pilot Study of Combination Chemotherapy Using Irinotecan plus S-1 for Metastatic Pancreatic Cancer](#)  
*Oncology: Aug 29 2008 12:54AM Matching: 4*
- [NBC 4 Stand Up To Cancer Call 4](#)  
*NBC4 Columbus: Aug 29 2008 8:21PM Matching: 4*
- [Blue light phototherapy beneficial for acne patients](#)  
*MedWire News: Aug 29 2008 7:19PM Matching: 4*
- [Major Announcement About the Broad Institute Thursday, Sept. 4, 9:15am - Noon ET](#)  
*Genetic Engineering News: Aug 29 2008 3:32PM Matching: 4*
- [Anemia, CKD predict presence and severity of coronary artery disease](#)  
*Clinical Lab Products: Aug 29 2008 5:50AM Matching: 4*
- [CORRECTING and REPLACING Exelixis Announces September 4 Webcast of Presentation at BioCentury's NewsMakers in](#)  
*Genetic Engineering News: Aug 29 2008 12:57AM Matching: 4*
- [Patient-Controlled Analgesia versus Oral Controlled-Release Oxycodone -- Are They Interchangeable for Acute Po](#)  
*Oncology: Aug 29 2008 12:52AM Matching: 4*
- [Controlled-Release Oxycodone in the Treatment of Neuropathic Pain of Nonmalignant and Malignant Causes](#)  
*Oncology: Aug 29 2008 12:51AM Matching: 4*

#### Udpoglucose 4-Epimerase Patents:



- 7247456- [Preparation of fucosylated oligosaccharides](#)
- 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](#)

- 6117651- [Expression vectors](#)

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