

Uridine Diphosphate Xylose

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Recent Publications on Uridine Diphosphate Xylose:



- [Characterization of CalS9 in the biosynthesis of UDP-xylose and the production of xylosyl-attached hybrid compound.](#)
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Institute of Biomolecule Reconstruction, Department of Pharmaceutical- Appl Microbiol Biotechnol. 2009 Jul;83(5):885-95. Epub 2009 Mar 17. ([DOI Direct Link](#))
- [Functional UDP-xylose transport across the endoplasmic reticulum/Golgi membrane in a Chinese hamster ovary cell mutant defective in UDP-xylose Synthase.](#)
In mammals, xylose is found as the first sugar residue of the... 24th March, 2009
Zellulare Chemie, Zentrum Biochemie, Medizinische Hochschule Hannover,- J Biol Chem. 2009 Jan 23;284(4):2576-83. Epub 2008 Nov 20. ([DOI Direct Link](#))
- [UDP-Xylose-stimulated glucuronyltransferase activity in wheat microsomal membranes: characterization and role in glucurono\(arabino\)xylan biosynthesis.](#)
Microsomal membranes from etiolated wheat (Triticum aestivum) seedlings... 4th September, 2008
Department of Environmental and Plant Biology, Molecular and Cellular- Plant Physiol. 2008 May;147(1):78-91. Epub 2008 Mar 21. ([DOI Direct Link](#))
- [Does evidence exist for the presence of UDP-D-xylose:proteoglycan core protein beta-D-xylosyltransferase I orthologs in Pseudomonas fluorescens?](#)
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- J Biotechnol. 2008 Mar 20;134(1-2):160-1. Epub 2007 Aug 30. ([DOI Direct Link](#))
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A unique O-glycan structure, Xylalpha1-3Xylalpha1-3Glcbeta1-O-Ser is found... 6th December, 2007
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- [Two xyloglucan xylosyltransferases catalyze the addition of multiple xylosyl residues to cellohexaose. Xyloglucan \(XyG\) is the principal hemicellulose found in the primary cell...](#) 22nd December, 2006

- Department of Energy Plant Research Laboratory, Michigan State University,- J Biol Chem. 2006 Nov 10;281(45):34197-207. Epub 2006 Sep 18. ([DOI Direct Link](#))
- [Reconstruction of de novo pathway for synthesis of UDP-glucuronic acid and UDP-xylose from intrinsic UDP-glucose in Saccharomyces cerevisiae.](#)
*UDP-D-glucuronic acid and UDP-D-xylose are required for the biosynthesis...*26th September, 2006
Research Center for Glycoscience, National Institute of Advanced- FEBS J. 2006 Jun;273(12):2645-57. ([DOI Direct Link](#))
 - [Decorin core protein secretion is regulated by N-linked oligosaccharide and glycosaminoglycan additions.](#)
*Expression of decorin using the vaccinia virus/T7 expression system...*28th February, 2006
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 - [The human solute carrier gene SLC35B4 encodes a bifunctional nucleotide sugar transporter with specificity for UDP-xylose and UDP-N-acetylglucosamine.](#)
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 - [Biosynthesis of UDP-xylose: characterization of membrane-bound AtUxs2.](#)
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 - [Characterisation and expression of the pathway from UDP-glucose to UDP-xylose in differentiating tobacco tissue.](#)
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 - [Chemical synthesis of uridine diphospho-D-xylose and UDP-L-arabinose.](#)
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BioNews Results for Uridine Diphosphate Xylose

- [OncQuest launches UGT1A1 genotyping for Irinotecan](#)
Bio Spectrum Asia: Nov 18 2009 10:36AM Matching: uridine



Uridine Diphosphate Xylose Patents:

- 7148405- [Enzymes responsible for the metabolism of cis-zeatin](#)
- 6600091- [Enzymes responsible for the metabolism of zeatin](#)
- 6232102- [Glucosyltransferase gene gtfE from Amycolatopsis orientalis](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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