

# N-Acetylgalactosaminyltransferases

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## Recent Publications on N-Acetylgalactosaminyltransferases:



- [GM2/GD2 and GM3 gangliosides have no effect on cellular cholesterol pools or turnover in normal or NPC1 mice.](#)  
*These studies investigated the role of gangliosides in governing the...*13th September, 2008  
Department of Internal Medicine, University of Texas Southwestern Medical- J Lipid Res. 2008 Aug;49(8):1816-28. Epub 2008 Apr 30. ([DOI Direct Link](#))
- [Tumoral calcinosis due to GALNT3 C.516-2A >T mutation in a black African family.](#)  
*Familial Tumoral Calcinosis (FTC) is a rare autosomal recessive disorder...*10th September, 2008  
Unite de Biologie Humaine, Faculte des Sciences de la Sante, Cotonou,- Genet Couns. 2008;19(2):183-92.
- [Regulation of TGF-\(beta\) signalling by N-acetylgalactosaminyltransferase-like 1.](#)  
*The TGF-beta superfamily of secreted signalling molecules plays a pivotal...*30th August, 2008  
Max-Planck Institute of Immunobiology, Stubeweg 51, D-79108 Freiburg,- Development. 2008 May;135(10):1813-22. Epub 2008 Apr 16. ([DOI Direct Link](#))
- [\[Sda blood group carbohydrate antigen, exclusively expressed in normal gastrointestinal mucosa but not in cancer tissues\]](#)  
*Familial Tumoral Calcinosis (FTC) is a rare autosomal recessive disorder...*13th August, 2008  
Department of Gastroenterology, Research Institute, International Medical- Seikagaku. 2008 May;80(5):425-9.
- [DNA hypermethylation contributes to incomplete synthesis of carbohydrate determinants in gastrointestinal cancer.](#)  
*BACKGROUND & AIMS: It has long been known that malignant transformation is...*9th August, 2008  
Department of Gastroenterology, Research Institute, International Medical- Gastroenterology. 2008 Jul;135(1):142-151.e3. Epub 2008 Mar 21. ([DOI Direct Link](#))
- [Conservation of peptide acceptor preferences between Drosophila and mammalian polypeptide-GalNAc transferase orthologue pairs.](#)  
*UDP-GalNAc: polypeptide alpha-N-acetylgalactosaminyltransferases (ppGalNAc...*2nd August, 2008  
Depts. of Biochemistry and Pediatrics, Case Western Reserve Univ.,- Glycobiology. 2008 Jul 31. ([DOI Direct Link](#))
- [The cell surface carbohydrate blood group A regulates the selective fasciculation of regenerating accessory olfactory axons.](#)  
*Cell surface carbohydrates are differentially expressed by discrete...*2nd August, 2008  
National Centre for Adult Stem Cell Research, Griffith University, Nathan- Brain Res. 2008 Apr 8;1203:32-8. Epub 2008 Feb 13. ([DOI Direct Link](#))

- [Useful markers for detecting minimal residual disease in cases of neuroblastoma.](#)  
*Neuroblastoma (NB), which is a malignant tumor of young children derived...*1st July, 2008  
Research Unit of Clinical Medicine, College of Pharmacy, Nihon University,- Biol Pharm Bull. 2008 Jun;31(6):1071-4.
- [The catalytic and lectin domains of UDP-GalNAc:polypeptide alpha-N-Acetylgalactosaminyltransferase function in concert to direct glycosylation site selection.](#)  
*UDP-GalNAc:polypeptide alpha-N-Acetylgalactosaminyltransferases...*20th June, 2008  
Section on Biological Chemistry, NIDDK, National Institutes of Health,- J Biol Chem. 2008 Aug 22;283(34):22942-51. Epub 2008 Jun 18. ([DOI Direct Link](#))
- [A novel missense mutation in GALNT3 causing hyperostosis-hyperphosphataemia syndrome.](#)  
*OBJECTIVE: Hyperostosis-hyperphosphataemia syndrome (HHS) is a rare...*17th June, 2008  
Department of Medical Sciences, Uppsala University Hospital, Ing.70, 3 tr,- Eur J Endocrinol. 2008 Jun;158(6):929-34. Epub 2008 Mar 5. ([DOI Direct Link](#))
- [\[Structural and functional biology for post translational modification and transport in eukaryotes\]](#)  
*The TGF-beta superfamily of secreted signalling molecules plays a pivotal...*31st May, 2008  
- Tanpakushitsu Kakusan Koso. 2008 Apr;53(5):628-31.
- [Enzymatic glycosylation of peptide arrays on gold surfaces.](#)  
*The TGF-beta superfamily of secreted signalling molecules plays a pivotal...*24th May, 2008  
Manchester Interdisciplinary Biocentre and School of Chemistry, The- Chembiochem. 2008 Apr 14;9(6):883-7. ([DOI Direct Link](#))
- [Enzymatic synthesis of tumor-associated carbohydrate antigen Globo-H hexasaccharide.](#)  
*We report the enzymatic synthesis of an important tumor-associated...*16th May, 2008  
Departments of Chemistry and Biochemistry, The Ohio State University,- Org Lett. 2008 Mar 6;10(5):1009-12. Epub 2008 Feb 7. ([DOI Direct Link](#))
- [\[Molecular background of the ABO blood group system\]](#)  
*The ABO human blood group system consists of A antigens, B antigens, and...*20th February, 2008  
Zaklad Immunochemii, Instytut Immunologii i Terapii Doswiadczalnej PAN im.- Postepy Hig Med Dosw (Online). 2008 Jan 16;62:4-17.

## BioNews Results for N-Acetylgalactosaminyltransferases

- [Treatment of autoimmune conditions with Copolymer 1 and related Copolymers](#)  
*PharmCast: Oct 4 2008 1:21AM Matching: n*
- [Sorafenib improves survival in patients with advanced hepatocellular carcinoma - Oral sorafenib 400 mg twice d](#)  
*Pharmacist.com: Oct 4 2008 1:58AM Matching: n*
- [Role of enzymatic N-hydroxylation and reduction in flutamide metabolite-induced liver toxicity](#)  
*Drug Metabolism And Disposition: Oct 3 2008 1:50AM Matching: n*
- [A Comparison Between a Retrograde Interference Screw, Suture Button, and Combined Fixation on the Tibial Side](#)  
*American Journal of Sports Medicine: Oct 3 2008 5:34AM Matching: n*
- [Efficacy and safety of lisinopril for mild childhood IgA nephropathy: a pilot study](#)  
*MDLinx: Oct 3 2008 4:07AM Matching: n*
- [Extensively drug-resistant TB can be cured if managed aggressively](#)  
*Pharmacist.com: Oct 3 2008 4:10PM Matching: n*
- [Treating hypertension in the elderly: Expected and unexpected benefits](#)  
*MedWire News: Oct 3 2008 2:05PM Matching: n*
- [Bayer's Novel Oral Anticoagulant Xarelto \(Rivaroxaban\) Gets European Licence](#)  
*Drugs.com: Oct 3 2008 7:34AM Matching: n*

- [Alzheimer's - Still Searching for the Cure](#)  
*Bradenton Herald: Oct 3 2008 6:20AM Matching: n*
- [Bayer's Novel Oral Anticoagulant Xarelto \(Rivaroxaban\) Gets European Licence](#)  
*Pharma Live: Oct 3 2008 5:42AM Matching: n*
- [Cyclical Loading of Coracoclavicular Ligament Reconstructions: A Comparative Biomechanical Study](#)  
*American Journal of Sports Medicine: Oct 2 2008 8:16PM Matching: n*
- [Trochlear Contact Pressures After Straight Anteriorization of the Tibial Tuberosity](#)  
*American Journal of Sports Medicine: Oct 2 2008 8:26PM Matching: n*
- [Methods for treating bone cancer pain by administering a nerve growth factor antagonist](#)  
*PharmCast: Oct 2 2008 9:00PM Matching: n*
- [ADHD in Young Adults](#)  
*Clinician Reviews: Oct 2 2008 3:35AM Matching: n*
- [Antibody composition-producing cell](#)  
*PharmCast: Oct 1 2008 8:20PM Matching: n*

## N-Acetylgalactosaminyltransferases Patents:



- 6235510- [ppGaNtase-T6](#)
- 7097994- [UDP-N-acetylglucosamine:galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R/ \(GlcNAc to GalNAc\) .beta.1-6 N-acetylglucosaminyltransferase, C2GnT3](#)
- 7125843- [Glycoconjugates including more than one peptide](#)
- 7129333- [Glycoprotein synthesis](#)
- 7138371- [Remodeling and glycoconjugation of peptides](#)
- 7153941- [Antibodies that bind PRO4994 polypeptides](#)
- 7157277- [Factor VIII remodeling and glycoconjugation of Factor VIII](#)
- 7173003- [Granulocyte colony stimulating factor: remodeling and glycoconjugation of G-CSF](#)
- 7179617- [Factor IX: remodeling and glycoconjugation of Factor IX](#)
- 7183082- [Glycoprotein synthesis](#)
- 7189807- [PRO4994 polypeptides](#)
- 7094887- [UDP-N-acetylglucosamine: galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R\(GlcNAc to GalNAc\) .beta.1,6-N-acetylglucosaminyltransferase, C2GnT3](#)
- 7078206- [UDP-N-acetylglucosamine: galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R/ \(GlcNAc to GalNAc\) .beta.1,6N-acetylglucosaminyltransferase, C2GnT3](#)
- 6995004- [UDP-N-ACETYLGLUCOSAMINE: GALACTOSE-.beta.1,3-N-ACETYLGLACTOSAMINE-.alpha.-R / N-ACETYLGLUCOSAMINE-.beta.1,3.-N-ACETYLGLACTOSAMINE-.alpha.-R \(GLCNAC TO GALNAC\) .beta.1,6-N-ACETYLGLUCOSAMINYLTRANSFERASE, C2/4GNT](#)
- 6239266- [ZAP-3 tumor associated genes and their uses](#)
- 6268193- [Methods and products for the synthesis of oligosaccharide structures on glycoproteins, glycolipids, or as free molecules, and for the isolation of cloned genetic sequences that determine these structures](#)
- 6319695- [Production of fucosylated carbohydrates by enzymatic fucosylation synthesis of sugar nucleotides; and in situ regeneration of GDP-fucose](#)
- 6413935- [Induction of immune response against desired determinants](#)

- 6461863- [Modifying insect cell glycosylation pathways with baculovirus expression vectors](#)
- 6635461- [UDP-N-acetylglucosamine: galactose-.beta.1, 3-N-acetylgalactosamine-.alpha.-R/\(GlcNAc to GalNAc\) .beta.1,6-N-acetylglucosaminyltransferase, C2GnT3](#)
- 6794169- [UDP-N-acetylglucosamine: galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R / \(GlcNAc to GalNAc\) .beta.1,6-N-acetylglucosaminyltransferase, C2GnT3](#)
- 6800468- [UDP-galactose: .beta.-N-acetyl-glucosamine .beta.1,3galactosyltransferases, .beta.3Gal-T5](#)
- 6833130- [Recombinant microorganisms expressing an oligosaccharide receptor mimic](#)
- 6927042- [Glycoprotein synthesis](#)
- 7199222- [Glycoprotein synthesis](#)
- 7214660- [Erythropoietin: remodeling and glycoconjugation of erythropoietin](#)
- 7332355- [Method and compositions for the detection of protein glycosylation](#)
- 7335500- [Production of fucosylated carbohydrates by enzymatic fucosylation synthesis of sugar nucleotides; and in situ regeneration of GDP-fucose](#)
- 7338932- [Methods of modulating functions of polypeptide GalNAc-transferases and of screening test substances to find agents herefor, pharmaceutical compositions comprising such agents and the use of such agents for preparing medicaments](#)
- 7338933- [O-linked glycosylation of peptides](#)
- 7368108- [Glycopeptide remodeling using amidases](#)
- 7378263- [In vivo site-specific incorporation of N-acetyl-galactosamine amino acids in eubacteria](#)
- 7381544- [Nucleic acid that encodes a fusion protein](#)
- 7381554- [UDP-N-acetylglucosamine: galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R/N-acetylglucosamine-.beta.1,3-N-acetylgalactosamine-.alpha.-R \(GlcNAc to GalNAc\) .beta.1,6-N-acetylglucosaminyltransferase, C2/4GnT](#)
- 7399613- [Sialic acid nucleotide sugars](#)
- 7405198- [Glycopegylated erythropoietin](#)
- 7332279- [UDP-galactose: .beta.-N-acetyl-glucosamine .beta.1,3 galactosyltransferases, .beta.3gal-T5](#)
- 7326770- [H. pylori fucosyltransferases](#)
- 7323316- [Glycosyltransferase inhibitors](#)
- 7217809- [Glycoprotein synthesis](#)
- 7223571- [Targeted glycosaminoglycan polymers by polymer grafting and methods of making and using same](#)
- 7226903- [Interferon beta: remodeling and glycoconjugation of interferon beta](#)
- 7238510- [Glycoprotein synthesis](#)
- 7244601- [Fusion proteins for use in enzymatic synthesis of oligosaccharides](#)
- 7262040- [Glycoprotein synthesis](#)
- 7265084- [Glycopegylation methods and proteins/peptides produced by the methods](#)
- 7265085- [Glycoconjugation methods and proteins/peptides produced by the methods](#)
- 7276475- [Remodeling and glycoconjugation of peptides](#)
- 7297511- [Interferon alpha: remodeling and glycoconjugation of interferon alpha](#)
- 7416858- [Pharmaceutical compositions of glycoconjugates](#)

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