

N-Acylneuraminate Cytidylyltransferase

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Recent Publications on N-Acylneuraminate Cytidylyltransferase:



- [Chemo-enzymatic synthesis of C-9 acetylated sialosides.](#)
A chemo-enzymatic synthesis of... 13th September, 2008
Complex Carbohydrate Research Center, University of Georgia, Athens, GA- Carbohydr Res. 2008 Jul 21;343(10-11):1605-11. Epub 2008 May 8. ([DOI Direct Link](#))
- [Construction of a functional CMP-sialic acid biosynthesis pathway in Arabidopsis.](#)
Previous studies have reported that plants contain negligible amounts of... 4th September, 2008
Institute of Applied Genetics and Cell Biology, University of Natural- Plant Physiol. 2008 May;147(1):331-9. Epub 2008 Mar 7. ([DOI Direct Link](#))
- [Genetic engineering of Escherichia coli for the economical production of sialylated oligosaccharides.](#)
We have previously described a microbiological process for the conversion... 13th August, 2008
Centre de Recherches sur les Macromolécules Végétales (CERMAV - CNRS),- J Biotechnol. 2008 Apr 30;134(3-4):261-5. Epub 2008 Mar 10. ([DOI Direct Link](#))
- [Site-specific immobilization of CMP-sialic acid synthetase on magnetic nanoparticles and its use in the synthesis of CMP-sialic acid.](#)
Through the native chemical ligation, CMP-sialic acid synthetase (CSS) was... 29th May, 2008
Department of Chemistry, National Tsing Hua University, Hsinchu, Taiwan.- Chem Commun (Camb). 2008 Mar 21;(11):1308-10. Epub 2008 Jan 23. ([DOI Direct Link](#))
- [Cloning and characterization of a heat-stable CMP-N-acylneuraminic acid synthetase from Clostridium thermocellum.](#)
In this study, we report the cloning, recombinant expression, and... 14th November, 2007
Department of Chemistry and The Plant Sciences Institute, Iowa State- Appl Microbiol Biotechnol. 2007 Sep;76(4):827-34. Epub 2007 Jun 30. ([DOI Direct Link](#))
- [The rainbow trout CMP-sialic acid synthetase utilises a nuclear localization signal different from that identified in the mouse enzyme.](#)
The terminal sugar sialic acid (Sia) plays a pivotal role in cell-cell... 10th November, 2007
Institute for Glycomics, Griffith University (Gold Coast Campus), PMB 50- Glycobiology. 2007 Sep;17(9):945-54. Epub 2007 Jun 19. ([DOI Direct Link](#))
- [Direct detection of ligand binding to Sepharose-immobilised protein using saturation transfer double difference \(STDD\) NMR spectroscopy.](#)
We report an easy and direct application of 'Saturation Transfer Double... 24th August, 2007
Institute for Glycomics, Griffith University (Gold Coast Campus), PMB 50- Biochem Biophys Res Commun. 2007 Aug 10;359(4):866-70. Epub 2007 Jun 6. ([DOI Direct Link](#))
- [Addition of neuA, the gene encoding N-acylneuraminate cytidylyl transferase, increases the](#)

[discriminatory ability of the consensus sequence-based scheme for typing Legionella pneumophila serogroup 1 strains.](#)

The standard sequence-based method for the typing of Legionella... 26th July, 2007

Institut für Medizinische Mikrobiologie und Hygiene, TU Dresden,- J Clin Microbiol. 2007 Jun;45(6):1965-8. Epub 2007 Apr 4. ([DOI Direct Link](#))

- [Identification of the nuclear export signals that regulate the intracellular localization of the mouse CMP-sialic acid synthetase.](#)

The CMP-sialic acid synthetase (CSS) catalyzes the activation of sialic... 11th April, 2007

Graduate School of Bioagricultural Sciences, Nagoya University, Nagoya- Biochem Biophys Res Commun. 2007 Mar 30;355(1):174-80. Epub 2007 Feb 2. ([DOI Direct Link](#))

- [Expression of a functional Drosophila melanogaster CMP-sialic acid synthetase. Differential localization of the Drosophila and human enzymes.](#)

CMP-N-acetylneuraminic acid is a critical metabolite in the generation of... 24th August, 2006

Department of Chemical and Biomolecular Engineering, The Johns Hopkins- J Biol Chem. 2006 Jun 9;281(23):15929-40. Epub 2006 Mar 14. ([DOI Direct Link](#))

- [Characterization of a bifunctional cytidine 5'-monophosphate N-acetylneuraminic acid synthetase cloned from Streptococcus agalactiae.](#)

Recombinant CMP-sialic acid synthetase, cloned from Streptococcus... 23rd June, 2006

Department of Chemistry, University of California, Davis, 95616, USA.- Biotechnol Lett. 2006 Jan;28(2):107-13. ([DOI Direct Link](#))

- [Expression of human CMP-N-acetylneuraminic acid synthetase and CMP-sialic acid transporter in tobacco suspension-cultured cell.](#)

Plant cells have no beta 1,4-galactosylated and sialylated glycan, which... 24th February, 2006

The International Center for Biotechnology, Osaka University, Yamada-oka- Biochem Biophys Res Commun. 2006 Jan 27;339(4):1184-9. Epub 2005 Dec 5. ([DOI Direct Link](#))

- [Enzymatic synthesis of cytidine 5'-monophospho-N-acetylneuraminic acid.](#)

We have established an efficient method for enzymatic production of... 25th January, 2006

Biochemicals Division, Yamasa Corporation.- Biosci Biotechnol Biochem. 2005 Oct;69(10):1944-50.

- [Identification and characterization of NeuB3 from Campylobacter jejuni as a pseudaminic acid synthase.](#)

Campylobacter jejuni and Campylobacter coli are the main causes of... 5th January, 2006

Department of Chemistry, University of British Columbia, Vancouver,- J Biol Chem. 2005 Oct 28;280(43):35922-8. Epub 2005 Aug 24. ([DOI Direct Link](#))

- [Engineering intracellular CMP-sialic acid metabolism into insect cells and methods to enhance its generation.](#)

Previous studies have reported that insect cell lines lack the capacity to... 5th August, 2005

Department of Chemical and Biomolecular Engineering, Johns Hopkins- Biochemistry. 2005 May 24;44(20):7526-34. ([DOI Direct Link](#))

BioNews Results for N-Acylneuraminic Acid Cytidyltransferase

- [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
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- [Antibody composition-producing cell](#)
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