

# Gangliosidoses Gm2

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## Recent Publications on Gangliosidoses Gm2:

- [Serial 1H-MRS in GM2 gangliosidoses.](#)  
*GM2 gangliosidoses are a group of neuronal storage disorders caused by...* 8th August, 2008  
Division of Neurology, University of Medicine and Dentistry of New Jersey,- *Eur J Pediatr.* 2008 Mar;167(3):347-52. Epub 2007 Mar 27. ([DOI Direct Link](#))
- [Juvenile-onset G\(M2\)-gangliosidosis in an African-American child with nystagmus.](#)  
*G(M2)-gangliosidosis is a neurodegenerative lysosomal disease with several...* 11th July, 2008  
Division of Human Genetics, Department of Genetics and Developmental- *Pediatr Neurol.* 2008 Apr;38(4):284-6. ([DOI Direct Link](#))
- [Lending a helping hand, screening chemical libraries for compounds that enhance beta-hexosaminidase A activity in GM2 gangliosidosis cells.](#)  
*Enzyme enhancement therapy is an emerging therapeutic approach that has...* 19th December, 2007  
Research Institute, SickKids, Toronto, Ontario, Canada.- *FEBS J.* 2007 Oct;274(19):4951-61. ([DOI Direct Link](#))
- [Developmental analysis of CNS pathology in the lysosomal storage disease alpha-mannosidosis.](#)  
*The lysosomal storage disease alpha-mannosidosis is due to absence or...* 30th October, 2007  
Lysosomal Diseases Research Unit, Department of Genetic Medicine,- *J Neuropathol Exp Neurol.* 2007 Aug;66(8):687-97. ([DOI Direct Link](#))
- [Clinical and molecular analysis of GM2 gangliosidosis in two apparent littermate kittens of the Japanese domestic cat.](#)  
*This case report documents clinical and molecular findings in two...* 20th September, 2007  
School of Veterinary Medicine, Nippon Veterinary and Life Science- *J Feline Med Surg.* 2007 Jun;9(3):232-7. Epub 2007 Jan 2. ([DOI Direct Link](#))
- [A patient with GM2 gangliosidosis presenting with motor neuron disease symptom in his forties](#)  
*Here, we report a Japanese man with adult Sandhoff disease who presented...* 20th June, 2007  
Department of Neurology, Akita Red Cross Hospital.- *Rinsho Shinkeigaku.* 2007 Jan;47(1):37-41.
- [Pyrimethamine as a potential pharmacological chaperone for late-onset forms of GM2 gangliosidosis.](#)  
*Late-onset GM2 gangliosidosis is composed of two related, autosomal...* 3rd May, 2007  
Division of Clinical and Metabolic Genetics, Department of Pediatrics,- *J Biol Chem.* 2007 Mar 23;282(12):9150-61. Epub 2007 Jan 21. ([DOI Direct Link](#))
- [Development of quantitative polymerase chain reaction assays for allelic discrimination of gangliosidoses in cats.](#)  
*OBJECTIVE: To develop quantitative PCR (qPCR) assays with allele-specific...* 2nd May, 2007  
Scott-Ritchey Research Center, College of Veterinary Medicine, Auburn- *Am J Vet Res.* 2007

- Mar;68(3):231-5. ([DOI Direct Link](#))
- [Therapeutic evaluation of GM2 gangliosidoses by ELISA using anti-GM2 ganglioside antibodies.](#)  
*BACKGROUND: GM2 gangliosidoses, including Tay-Sachs disease, Sandhoff...*18th April, 2007  
Department of Medicinal Biotechnology, Institute for Medicinal Resources,- Clin Chim Acta. 2007  
Mar;378(1-2):38-41. Epub 2006 Oct 24. ([DOI Direct Link](#))
  - [The natural history of juvenile or subacute GM2 gangliosidosis: 21 new cases and literature review of 134 previously reported.](#)  
*OBJECTIVE: Juvenile GM2 gangliosidosis is a group of inherited...*15th November, 2006  
Division of Clinical and Metabolic Genetics, Hospital for Sick Children,- Pediatrics. 2006  
Nov;118(5):e1550-62. Epub 2006 Oct 2. ([DOI Direct Link](#))
  - [Mutation of the GM2 activator protein in a feline model of GM2 gangliosidosis.](#)  
*The G(M2) activator protein is required for successful degradation of...*25th August, 2006  
Scott-Ritchey Research Center, College of Veterinary Medicine, Auburn- Acta Neuropathol. 2005  
Nov;110(5):443-50. Epub 2005 Oct 1. ([DOI Direct Link](#))
  - [Crystallographic structure of human beta-hexosaminidase A: interpretation of Tay-Sachs mutations and loss of GM2 ganglioside hydrolysis.](#)  
*Lysosomal beta-hexosaminidase A (Hex A) is essential for the degradation...*11th August, 2006  
CIHR Group in Protein Structure and Function, Department of Biochemistry,- J Mol Biol. 2006 Jun  
16;359(4):913-29. Epub 2006 Apr 27. ([DOI Direct Link](#))
  - [Establishment of immortalized Schwann cells from Sandhoff mice and corrective effect of recombinant human beta-hexosaminidase A on the accumulated GM2 ganglioside.](#)  
*We have established spontaneously immortalized Schwann cell lines from...*4th May, 2006  
CREST, JST, Kawaguchi, Japan.- J Hum Genet. 2005;50(9):460-7. Epub 2005 Sep 23. ([DOI Direct Link](#))
  - [MR imaging and proton spectroscopy of neuronal injury in late-onset GM2 gangliosidosis.](#)  
*BACKGROUND AND PURPOSE: Despite the ubiquity of G(M2) gangliosides...*13th December, 2005  
Department of Radiology, New York University, New York, NY 10016, USA.- AJNR Am J Neuroradiol.  
2005 Sep;26(8):2037-42.

## BioNews Results for Gangliosidoses Gm2

- [LV hypertrophy not sufficient for HCM diagnosis](#)  
*MedWire News: Aug 14 2008 10:18PM Matching: gm2*

## Gangliosidoses Gm2 Clinical Trials:



- [Pharmacokinetics and Tolerability of Zavesca® \(Miglustat\) In Patients With Juvenile GM2 Gangliosidosis](#)  
*Gangliosidoses GM2*

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