

Mucopolysaccharidosis Vii

[View the current Mucopolysaccharidosis Vii InDepth page on BioPortfolio.com \(PDF\)](#)

(http://www.bioportfolio.com/indepth/Mucopolysaccharidosis_Vii.html) - Regularly Updated.

Recent Publications on Mucopolysaccharidosis Vii:



- [Altered lumbar spine structure, biochemistry, and biomechanical properties in a canine model of mucopolysaccharidosis type VII.](#)
*Mucopolysaccharidosis VII (MPS VII) is a lysosomal storage disorder...*18th November, 2009
McKay Orthopaedic Research Laboratory, Department of Orthopedic Surgery,- J Orthop Res. 2009 Nov 13. ([DOI Direct Link](#))
- [Mechanism of shortened bones in mucopolysaccharidosis VII.](#)
*Mucopolysaccharidosis VII (MPS VII) is a lysosomal storage disease in...*13th August, 2009
Department of Medicine, Washington University School of Medicine, Campus- Mol Genet Metab. 2009 Jul;97(3):202-11. Epub 2009 Mar 25. ([DOI Direct Link](#))
- [Mutations and polymorphisms in GUSB gene in mucopolysaccharidosis VII \(Sly Syndrome\).](#)
*Mucopolysaccharidosis VII (MPS VII; Sly syndrome) is an autosomal...*7th July, 2009
Department of Pediatrics, Saint Louis University School of Medicine, St.- Hum Mutat. 2009 Apr;30(4):511-9. ([DOI Direct Link](#))
- [Histopathological diagnosis of a type vii mucopolysaccharidosis after pregnancy termination.](#)
*Type VII mucopolysaccharidosis is a very rare recessive lysosomal storage...*4th March, 2009
Department of Pathology, CHU, University of Liege, Belgium.- Fetal Pediatr Pathol. 2009;28(1):1-8. ([DOI Direct Link](#))
- [Identification of new markers for neurodegeneration process in the mouse model of Sly disease as revealed by expression profiling of selected genes.](#)
*Sly disease (MPS VII) is an autosomal-recessive lysosomal storage disorder...*23rd January, 2009
Inserm U640, CNRS UMR 8151, Universite Paris Descartes, Chemical and- J Neurosci Res. 2008 Nov 15;86(15):3285-94. ([DOI Direct Link](#))
- [Sly Disease: Mucopolysaccharidosis Type VII.](#)
*A 6 month-old infant presenting with severe mitral regurgitation was found...*14th January, 2009
Department of Pediatric Genetics, Pediatric Cardiology, and Pathology,- Indian Pediatr. 2008 Oct;45(10):859-61.
- [Lentiviral-transduced human mesenchymal stem cells persistently express therapeutic levels of enzyme in a xenotransplantation model of human disease.](#)
*Bone marrow-derived mesenchymal stem cells (MSCs) are a promising platform...*19th November, 2008
Washington University School of Medicine, Department of Internal Medicine,- Stem Cells. 2008 Jul;26(7):1713-22. Epub 2008 Apr 24. ([DOI Direct Link](#))
- [Transplantation and magnetic resonance imaging of canine neural progenitor cell grafts in the postnatal](#)

[dog brain.](#)

Cellular transplantation in the form of bone marrow has been one of the... 24th October, 2008

W. F. Goodman Center for Comparative Medical Genetics, School of- J Neuropathol Exp Neurol. 2008 Oct;67(10):954-62. ([DOI Direct Link](#))

- [Acidic amino acid tag enhances response to enzyme replacement in mucopolysaccharidosis type VII mice.](#)

We have tested an acidic oligopeptide-based targeting system for delivery... 31st July, 2008

Department of Pediatrics, Saint Louis University, 1100 South Grand- Mol Genet Metab. 2008 Jun;94(2):178-89. Epub 2008 Mar 21. ([DOI Direct Link](#))

- [Infused Fc-tagged beta-glucuronidase crosses the placenta and produces clearance of storage in utero in mucopolysaccharidosis VII mice.](#)

Glycosaminoglycan storage begins in prenatal life in patients with... 19th July, 2008

Edward A. Doisy Department of Biochemistry and Molecular Biology, Saint- Proc Natl Acad Sci U S A. 2008 Jun 17;105(24):8375-80. Epub 2008 Jun 10. ([DOI Direct Link](#))

- [Immune system irregularities in lysosomal storage disorders.](#)

Lysosomal storage disorders (LSDs) are genetically inherited diseases... 22nd May, 2008

Center for Aging and Developmental Biology, University of Rochester School- Acta Neuropathol. 2008 Feb;115(2):159-74. Epub 2007 Oct 9. ([DOI Direct Link](#))

- [Widespread nonhematopoietic tissue distribution by transplanted human progenitor cells with high aldehyde dehydrogenase activity.](#)

Transplanted adult progenitor cells distribute to peripheral organs and... 8th May, 2008

Hematopoietic Development and Malignancy Group, Division of Oncology,- Stem Cells. 2008 Mar;26(3):611-20. Epub 2007 Nov 29. ([DOI Direct Link](#))

- [Chemically modified beta-glucuronidase crosses blood-brain barrier and clears neuronal storage in murine mucopolysaccharidosis VII.](#)

Enzyme replacement therapy has been used successfully in many lysosomal... 14th March, 2008

Edward A. Doisy Department of Biochemistry and Molecular Biology and- Proc Natl Acad Sci U S A. 2008 Feb 19;105(7):2616-21. Epub 2008 Feb 11. ([DOI Direct Link](#))

- [Abnormalities in neural progenitor cells in a dog model of lysosomal storage disease.](#)

Lysosomal storage disorders constitute a large group of genetic diseases,... 30th October, 2007

W F Goodman Center for Comparative Medical Genetics, and Department of- J Neuropathol Exp Neurol. 2007 Aug;66(8):760-9. ([DOI Direct Link](#))

- [A single injection of an adeno-associated virus vector into nuclei with divergent connections results in widespread vector distribution in the brain and global correction of a neurogenetic disease.](#)

Neurogenetic disorders typically affect cells throughout the brain.... 12th October, 2007

Walter Flato Goodman Center for Comparative Medical Genetics, School of- J Neurosci. 2007 Sep 12;27(37):9928-40. ([DOI Direct Link](#))

Mucopolysaccharidosis Vii Patents:



- 7592321- [Methods of treating lysosomal storage related diseases by gene therapy](#)
- 6852544- [Rapid quantitative analysis of proteins or protein function in complex mixtures](#)
- 6828135- [Phosphodiester .alpha.-GlcNAcase of the lysosomal targeting pathway](#)
- 6800472- [Expression of lysosomal hydrolase in cells expressing](#)

- [pro-N-acetylglucosamine-1-phosphodiester .alpha.-N-acetyl glucosimanidase](#)
- 6787644- [Metalloprotease-disintegrin ADAM23 \(SVPH3-17\) nucleic acids](#)
- 6770468- [Phosphodiester-a-GlcNAcase of the lysosomal targeting pathway](#)
- 6730297- [Use of recombinant gene delivery vectors for treating or preventing lysosomal storage disorders](#)
- 6670194- [Rapid quantitative analysis of proteins or protein function in complex mixtures](#)
- 6670165- [Methods for producing highly phosphorylated lysosomal hydrolases](#)
- 6642038- [GlcNAc phosphotransferase of the lysosomal targeting pathway](#)
- 6582692- [Recombinant adeno-associated virus virions for the treatment of lysosomal disorders](#)
- 6537785- [Methods of treating lysosomal storage diseases](#)
- 6534300- [Methods for producing highly phosphorylated lysosomal hydrolases](#)
- 6489305- [Methods and compositions for the treatment of ocular diseases](#)
- 6861242- [Methods for producing highly phosphorylated lysosomal hydrolases](#)
- 6905856- [Soluble GlcNAc phosphotransferase](#)
- 6998118- [Targeted retrograde gene delivery for neuronal protection](#)
- 7560424- [Targeted therapeutic proteins](#)
- 7465442- [Reduction of dermal scarring](#)
- 7402308- [Method of delivering genes to the central nervous system of a mammal](#)
- 7399832- [Metalloprotease-disintegrin ADAM23 \(SVPH3-17\)](#)
- 7396811- [Subcellular targeting of therapeutic proteins](#)
- 7371366- [GlcNAc phosphotransferase of the lysosomal targeting pathway](#)
- 7312050- [Nucleic acids encoding interphotoreceptor matrix proteins](#)
- 7196168- [Metalloprotease-disintegrin ADAM23 \(SVPH3-17\)](#)
- 7135322- [Expression of lysosomal hydrolase in cells expressing pro-N-acetylglucosamine-1-phosphodiester .alpha.-N-acetyl glucosimanidase](#)
- 7101540- [Targeted retrograde gene delivery to motor neurons](#)
- 7067127- [GlcNAc phosphotransferase of the lysosomal targeting pathway](#)
- 7034010- [Use of recombinant gene delivery vectors for treating or preventing lysosomal storage disorders](#)
- 7022321- [Use of marrow-derived glial progenitor cells as gene delivery vehicles into the central nervous system](#)
- 4749570- [Targeting conjugates of albumin and therapeutic agents](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

