

Lysosomal Storage

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

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

Recent Publications on Lysosomal Storage:



- [Evaluation of heparin cofactor II-thrombin complex as a biomarker on blood spots from mucopolysaccharidosis I, IIIA and IIIB mice.](#)
Mucopolysaccharide (MPS) diseases are lysosomal storage disorders caused... 21st November, 2009
MPS Stem Cell Research Group, Faculty of Medical and Human Sciences,- Mol Genet Metab. 2009 Oct 23. ([DOI Direct Link](#))
- [Psychological aspects of patients with Fabry disease.](#)
The Minnesota Multiphasic Personality Inventory (MMPI-2) is widely used in... 20th November, 2009
Pacific Graduate School of Psychology at Palo Alto University, 1791- J Inherit Metab Dis. 2009 Oct 31. ([DOI Direct Link](#))
- [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](#))
- [A Sensitive Fluorescence-Based Assay for Monitoring GM2 Ganglioside Hydrolysis in Live Patient Cells and Their Lysates.](#)
Enzyme enhancement therapy, utilizing small molecules as pharmacological... 18th November, 2009
The Hospital for Sick Children, Toronto, Canada M5G 1 x 8.- Glycobiology. 2009 Nov 16. ([DOI Direct Link](#))
- [GM1-ganglioside accumulation at the mitochondria-associated ER membranes links ER stress to Ca\(2+\)-dependent mitochondrial apoptosis.](#)
Mitochondria-associated ER membranes, or MAMs, define the sites of... 18th November, 2009
Department of Genetics and Tumor Cell Biology, St. Jude Children's- Mol Cell. 2009 Nov 13;36(3):500-11. ([DOI Direct Link](#))
- [Vasculopathy in patients with Fabry disease: Current controversies and research directions.](#)
Fabry disease is an X-linked lysosomal storage disorder due to deficiency... 11th November, 2009
Department of Endocrinology and Metabolism, Academic Medical Center,- Mol Genet Metab. 2009 Oct 13. ([DOI Direct Link](#))
- [Miglustat therapy in juvenile Sandhoff disease.](#)
GM(2)-gangliosidosis is a rare and heterogeneous inherited metabolic... 10th November, 2009
Department of Neurology, Ullevål University Hospital, Oslo and Faculty of- J Inherit Metab Dis. 2009 Nov 4. ([DOI Direct Link](#))
- [Substrate deprivation therapy in juvenile Sandhoff disease.](#)

- Substrate deprivation therapy has been successfully applied in a number of...* 10th November, 2009
Department of Paediatrics, Radboud University Nijmegen Medical Centre,- J Inherit Metab Dis. 2009
Nov 4. ([DOI Direct Link](#))
- [Repeated intrathecal injections of recombinant human 4-sulphatase remove dural storage in mature mucopolysaccharidosis VI cats primed with a short-course tolerisation regimen.](#)
All MPS-VI cats treated thus far with weekly intravenous enzyme... 10th November, 2009
Lysosomal Diseases Research Unit, SA Pathology (at Women's and Children's- Mol Genet Metab.
2009 Oct 13. ([DOI Direct Link](#))
 - [Functional multimerization of mucolipin channel proteins.](#)
MCOLN1 encodes mucolipin-1 (TRPML1), a member of the transient receptor... 4th November, 2009
Center for Human Genetic Research, Massachusetts General Hospital and- J Cell Physiol. 2009 Nov 2.
([DOI Direct Link](#))
 - [Lack of Niemann-Pick type C1 induces age-related degeneration in the mouse retina.](#)
Niemann-Pick type C (NPC) disease is an inherited lysosomal storage... 4th November, 2009
CNRS UPR 3212, University of Strasbourg, Institute of Cellular and- Mol Cell Neurosci. 2009 Oct 31. ([DOI Direct Link](#))
 - [ABC transporter A3 facilitates lysosomal sequestration of imatinib and modulates susceptibility of chronic myeloid leukemia cell lines to this drug.](#)
BACKGROUND: Inhibition of BCR-ABL tyrosine kinase activity has evolved as... 3rd November, 2009
Department Hematology and Oncology, Georg-August-University, Goettingen- Haematologica. 2009
Nov;94(11):1528-36. ([DOI Direct Link](#))
 - [A case of minimal change disease in a Fabry patient.](#)
Fabry disease is an X-linked lysosomal storage disorder caused by... 31st October, 2009
Division of Human Genetics, Cincinnati Children's Hospital Medical Center,- Pediatr Nephrol. 2009 Oct
30. ([DOI Direct Link](#))
 - [Site specific analysis of N-linked oligosaccharides of recombinant lysosomal arylsulfatase A produced in different cell lines.](#)
Metachromatic leukodystrophy (MLD) is a lysosomal storage disease caused... 30th October, 2009
Rheinische Friedrich-Wilhelms Universitat, Institut fur Biochemie und- Glycobiology. 2009 Oct 28. ([DOI Direct Link](#))
 - [Identification of the penta-EF-hand protein ALG-2 as a CA²⁺-dependent interactor of mucolipin-1.](#)
Loss of function mutations in mucolipin-1 (MCOLN1) have been linked to... 30th October, 2009
National Institutes of Health, United States.- J Biol Chem. 2009 Oct 28. ([DOI Direct Link](#))

BioNews Results for Lysosomal Storage

- [Medical News: Scientists Successfully Reprogram Blood Cells To Correct Lysosomal Storage Disease](#)
BioFind: Nov 10 2009 2:01PM Matching: lysosomal storage
- [Scientists Successfully Reprogram Blood Cells To Correct Lysosomal Storage Disease](#)
Medical News Today: Nov 10 2009 10:58AM Matching: lysosomal storage
- [Glycosaminoglycans Contribute To Skeletal Abnormalities In Patients With Lysosomal Storage Diseases](#)
Science Daily: Oct 22 2009 2:41PM Matching: lysosomal storage
- [ZyStor Therapeutics, Inc. Cleared to Begin Clinical Trial for Targeted Protein Therapeutic for the Treatment o](#)
Pharma Live: Oct 18 2009 3:17AM Matching: lysosomal storage
- [ZyStor Therapeutics, Inc. Cleared To Begin Clinical Trial For Targeted Protein Therapeutic For The Treatment O](#)
Medical News Today: Oct 15 2009 2:02PM Matching: lysosomal storage

- [ZyStor Therapeutics, Inc. Cleared to Begin Clinical Trial for Targeted Protein Therapeutic for the Treatment of Pompe Disease](#)
Montana's News Station: Oct 15 2009 5:06AM Matching: lysosomal storage
- [ZyStor Therapeutics, Inc. Cleared to Begin Clinical Trial for Targeted Protein Therapeutic for the Treatment o](#)
Pharmacy Choice: Oct 15 2009 12:02AM Matching: lysosomal storage
- [Medical News: ZyStor Therapeutics, Inc. Cleared To Begin Clinical Trial For Targeted Protein Therapeutic For The Treatment Of Pompe Disease](#)
Medical News Today: Oct 15 2009 1:50PM Matching: lysosomal storage
- [FDA approves ZyStor Therapeutics' ZC-701 for Phase I human safety trial](#)
News-Medical.Net: Oct 14 2009 1:36PM Matching: lysosomal storage

Lysosomal Storage Patents:



- 7449308- [Combinatorial DNA library for producing modified N-glycans in lower eukaryotes](#)
- 7501439- [Tartrate salt of isofagomine and methods of use](#)
- 7507570- [Recombinant chondroitinase ABC I and uses thereof](#)
- 7507859- [Functional synthetic molecules and macromolecules for gene delivery](#)
- 7510843- [Use of a polypeptide for detecting, preventing or treating a pathological condition associated with a degenerative, neurological or autoimmune disease](#)
- 7514453- [Method for enhancing mutant protein activity](#)
- 7521475- [Chondropsin-class antitumor V-ATPase inhibitor compounds, compositions and methods of use thereof](#)
- 7524491- [Non human animals with human-glial chimeric brains](#)
- 7524818- [Prosaposin as a neurotrophic factor](#)
- 7527934- [Labeled substrate conjugates for identifying enzyme inhibitors](#)
- 7527936- [Modulators of angiogenesis](#)
- 7498171- [Modulation of stem and progenitor cell differentiation, assays, and uses thereof](#)
- 7495103- [Modulators of ATP-binding cassette transporters](#)
- 7488721- [Real time methylumbelliferone-based assay](#)
- 7449570- [Use of nucleoside compounds for nonsense suppression and the treatment of genetic diseases](#)
- 7452716- [Expression vectors containing hybrid ubiquitin promoters](#)
- 7452875- [Amidomethyl-substituted 1-\(carboxyalkyl\) cyclopentyl-carboxylamino-benzazepine-N-acetic acid compounds, process and intermediate products for their preparation and pharmaceutical compositions containing them](#)
- 7465581- [ANKTM1, a cold-activated TRP-like channel expressed in nociceptive neurons](#)
- 7468276- [Placental stem cells](#)
- 7470777- [Compositions and methods related to modified retroviral vectors for restricted, site specific integration](#)
- 7473527- [Compounds promoting delivery of genes](#)
- 7473680- [Remodeling and glycoconjugation of peptides](#)
- 7482147- [Ubiquitin protease](#)
- 7485314- [Induction of antigen specific immunologic tolerance](#)

- [7527956- Modified human acid sphingomyelinase having increased activity, and methods for making the same](#)
- [7528153- Deoxynojirimycin analogues and their uses as glucosylceramidase inhibitors](#)
- [7579324- Conjugates of biologically active compounds, methods for their preparation and use, formulation and pharmaceutical applications thereof](#)
- [7592152- Chondroitinase ABC I and methods of analyzing therewith](#)
- [7592321- Methods of treating lysosomal storage related diseases by gene therapy](#)
- [7595430- Methods and animal model for analyzing age-related macular degeneration](#)
- [7598055- N-acetylglucosaminyltransferase III expression in lower eukaryotes](#)
- [7598412- Modulators of ATP-binding cassette transporters](#)
- [7608422- Simian immunodeficiency virus \(SIV\) molecular clone encoding mutant gag gene lacking inhibitory/instability regions](#)
- [7612093- Compositions of treating hepatitis virus infections with N-substituted-1,5-dideoxy-1,5-imino-D-glucitol compounds in combination therapy](#)
- [7612107- Treatment and inhibition of disease conditions using flexible heteroarotinoids](#)
- [7615217- Artificial proteins with reduced immunogenicity](#)
- [7576065- Enhancing neurotrophin-induced neurogenesis by endogenous neural progenitor cells by concurrent overexpression of brain derived neurotrophic factor and an inhibitor of a pro-gliogenic bone morphogenetic protein](#)
- [7575924- Methods and compositions relating to improved lentiviral vectors and their applications](#)
- [7569544- Methods of increasing delivery of active agents to brain comprising administering receptor associated protein \(RAP\) fragments conjugated to active agents](#)
- [7531354- Neuronal progenitors from feeder-free human embryonic stem cell culture](#)
- [7544518- Rapid quantitative analysis of proteins or protein function in complex mixtures](#)
- [7547766- Anti-tango294 antibodies and uses thereof](#)
- [7553653- Variants and chemically-modified variants of phenylalanine ammonia-lyase](#)
- [7553855- Compositions of N-\[2,4-bis\(1,1-dimethylethyl\)-5-hydroxyphenyl\]-1,4-dihydro-4-oxoquinoline-3-carboxamide](#)
- [7553950- Chondroitinase ABC I polynucleotides](#)
- [7560424- Targeted therapeutic proteins](#)
- [7560431- Methods of increasing delivery of active agents to brain comprising administering receptor associated protein \(RAP\) fragments conjugated to active agents](#)
- [7563591- Method for assaying the activity of lysosomal enzymes](#)
- [7569384- Albumin fusion proteins](#)
- [7615224- Multiplex-bead complex for determination of lysosomal storage disorders](#)

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,

