

Glyceraldehyde-3-Phosphate Dehydrogenases

View the current [Glyceraldehyde-3-Phosphate Dehydrogenases InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Glyceraldehyde-3-Phosphate_Dehydrogenases.html) (PDF) (http://www.bioportfolio.com/indepth/Glyceraldehyde-3-Phosphate_Dehydrogenases.html) - Regularly Updated.

Recent Publications on Glyceraldehyde-3-Phosphate Dehydrogenases:



- [Comprehensive analysis of the pseudogenes of glycolytic enzymes in vertebrates: the anomalously high number of GAPDH pseudogenes highlights a recent burst of retrotrans-positional activity.](#)
*BACKGROUND: Pseudogenes provide a record of the molecular evolution of...*17th November, 2009
Department of Surgery, Beth Israel Deaconess Medical Center, Harvard- BMC Genomics. 2009 Oct 16;10:480. ([DOI Direct Link](#))
- [Proteomic analysis of the differential protein expression reveals nuclear GAPDH in activated T lymphocytes.](#)
*Despite the important role of T cell activation in the adaptive immunity,...*11th November, 2009
Department of Molecular and Cellular Biology, Chang Gung University,- PLoS One. 2009 Jul 21;4(7):e6322. ([DOI Direct Link](#))
- [Molecular characterization of tumor associated glyceraldehyde-3-phosphate dehydrogenase.](#)
*Here we describe the purification of glyceraldehyde-3-phosphate...*10th November, 2009
Department of Biological Chemistry, Indian Association for the Cultivation- Biochemistry (Mosc). 2009 Jul;74(7):717-27.
- [TFIIH-associated Cdk7 kinase functions in phosphorylation of C-terminal domain Ser7 residues, promoter-proximal pausing, and termination by RNA polymerase II.](#)
*The function of human TFIIH-associated Cdk7 in RNA polymerase II (Pol II)...*5th November, 2009
Department of Biochemistry and Molecular Genetics, University of Colorado- Mol Cell Biol. 2009 Oct;29(20):5455-64. Epub 2009 Aug 10. ([DOI Direct Link](#))
- [The transcription elongation factors NELF, DSIF and P-TEFb control constitutive transcription in a gene-specific manner.](#)
*We examined whether transcription elongation factors control constitutive...*23rd October, 2009
Fondation pour Recherches Medicales, Faculty of Medicine of the University- FEBS Lett. 2009 Sep 3;583(17):2893-8. Epub 2009 Aug 3. ([DOI Direct Link](#))
- [Oxidative modifications of glyceraldehyde-3-phosphate dehydrogenase play a key role in its multiple cellular functions.](#)
*Knowledge of the cellular targets of ROS (reactive oxygen species) and...*14th October, 2009
Center for Cell Signaling & Drug Discovery Research, College of Pharmacy- Biochem J. 2009 Sep 25;423(2):253-64. ([DOI Direct Link](#))
- [Glyceraldehyde 3-phosphate dehydrogenase depletion induces cell cycle arrest and resistance to antimetabolites in human carcinoma cell lines.](#)

- Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) is a multifunctional...* 14th October, 2009
Temple University School of Pharmacy, Philadelphia, PA 19140, USA.- J Pharmacol Exp Ther. 2009 Oct;331(1):77-86. Epub 2009 Jul 23. ([DOI Direct Link](#))
- [Adaptations to high-intensity intermittent exercise in rodents.](#)
In humans, exercise-induced plasma volume (PV) expansion is typically... 6th October, 2009
Department of Exercise Sciences, Brigham Young University, Provo, Utah- J Appl Physiol. 2009 Sep;107(3):749-54. Epub 2009 Jul 16. ([DOI Direct Link](#))
 - [Expression profiling of stationary and migratory intestinal epithelial cells after in vitro wounding: restitution is accompanied by cell differentiation.](#)
Rapid repair by cell migration, a process called "restitution", is... 6th October, 2009
Institut für Molekularbiologie und Medizinische Chemie,- Cell Physiol Biochem. 2009;24(1-2):125-32. Epub 2009 Jul 1. ([DOI Direct Link](#))
 - [Lanthanum chloride impairs memory, decreases pCaMK IV, pMAPK and pCREB expression of hippocampus in rats.](#)
Surveys have reported that rare-earth elements (REEs) could impair... 29th September, 2009
Department of Toxicology, School of Public Health, China Medical- Toxicol Lett. 2009 Oct 28;190(2):208-14. Epub 2009 Jul 28. ([DOI Direct Link](#))
 - [Subapoptogenic oxidative stress strongly increases the activity of the glycolytic key enzyme glyceraldehyde 3-phosphate dehydrogenase.](#)
We have previously shown that oxidative stress induced by an apoptogenic... 24th September, 2009
Laboratoire de Biologie Moléculaire et Cellulaire du Cancer, Hôpital- Ann N Y Acad Sci. 2009 Aug;1171:583-90. ([DOI Direct Link](#))
 - [Proteomic characterization of differentially expressed proteins associated with no stress in retinal ganglion cells.](#)
Proteomic analyses of differentially expressed proteins in rat retinal... 3rd September, 2009
Department of Medical Biotechnology, Soonchunhyang University, Asan- BMB Rep. 2009 Jul 31;42(7):456-61.
 - [A selected pre-amplification strategy for genetic analysis using limited DNA targets.](#)
BACKGROUND: Limited DNA resources or limited DNA targets in predominant... 27th August, 2009
Women's Hospital, Department of Biomedicine, University of Basel, Basel,- Clin Chem Lab Med. 2009;47(3):288-93.
 - [GOSPEL: a neuroprotective protein that binds to GAPDH upon S-nitrosylation.](#)
We recently reported a cell death cascade whereby cellular stressors... 12th August, 2009
Solomon H. Snyder Department of Neuroscience, Johns Hopkins University- Neuron. 2009 Jul 16;63(1):81-91. ([DOI Direct Link](#))
 - [According to GOSPEL: filling in the GAP\(DH\) of NO-mediated neurotoxicity.](#)
In addition to its role in glycolysis, GAPDH has been implicated as a... 12th August, 2009
Center for Neuroscience, Aging, and Stem Cell Research, Burnham Institute- Neuron. 2009 Jul 16;63(1):3-6. ([DOI Direct Link](#))

BioNews Results for Glyceraldehyde-3-Phosphate Dehydrogenases

- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Trea](#)
Pharma Live: Oct 27 2009 10:14AM Matching: 3 phosphate
- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Trea](#)
Montana's News Station: Oct 26 2009 11:27PM Matching: 3 phosphate
- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Trea](#)
Pharmacy Choice: Oct 26 2009 9:48PM Matching: 3 phosphate

- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Treatment of Hyperphosphatemia at the Upcoming American Society of Nephrology Renal Week Meeting in San Diego](#)
SmartBrief: Oct 26 2009 4:28PM Matching: 3 phosphate
- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Treatment of Hyperphosphatemia at the Upcoming American Society of Nephrology Renal Week Meeting in San Diego](#)
Red Orbit: Oct 26 2009 2:57PM Matching: 3 phosphate
- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Treatment of Hyperphosphatemia at the Upcoming](#)
Yahoo! Canada: Oct 26 2009 1:22PM Matching: 3 phosphate
- [Relation Between Alkaline Phosphatase, Serum Phosphate, and All-Cause or Cardiovascular Mortality](#)
MDLinx: Oct 21 2009 10:30AM Matching: 3 phosphate
- [Keryx Biopharmaceuticals, Inc. Announces Upcoming Poster Presentation of Zerenex \(ferric citrate\) for the Treatment](#)
PR Newswire: Oct 28 2009 12:35PM Matching: 3 phosphate

Glyceraldehyde-3-Phosphate Dehydrogenases Patents:



- 7592011- [Genes and proteins, and their use](#)
- 7566553- [Microorganism of Escherichia Sp, or Corynebacterium Sp, comprising foreign NADP dependent glyceraldehyde-3-phosphate dehydrogenase gene and method for producing L-lysine using the same](#)
- 7517680- [Production of clavulanic acid by genetic engineering of Streptomyces clavuligerus](#)
- 7183105- [Eubacterial minicells and their use as vectors for nucleic acid delivery and expression](#)
- 7141410- [Methods and materials for the production of organic products in cells of Candida species](#)
- 7109010- [Methods and materials for the synthesis of organic products](#)
- 5723301- [Method to screen compounds that affect GAPDH binding to polyglutamine](#)
- 5686249- [Test for determining frost hardiness of conifer seedlings and protein and antibody related thereto](#)

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.

