

Alcohol Oxidoreductases

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Recent Publications on Alcohol Oxidoreductases:



- [C-terminal binding proteins \(CtBPs\) attenuate KLF4-mediated transcriptional activation.](#)
We aimed to examine the physical interaction between CtBPs and KLF4 and... 17th November, 2009
Department of Pathology, Microbiology and Immunology, University of South- FEBS Lett. 2009 Oct 6;583(19):3127-32. Epub 2009 Sep 12. ([DOI Direct Link](#))
- [Structure and function of the l-threonine dehydrogenase \(TkTDH\) from the hyperthermophilic archaeon Thermococcus kodakaraensis.](#)
The X-ray structure of the holo-form of l-threonine dehydrogenase (TDH)... 17th November, 2009
University of Southampton, UK.- J Struct Biol. 2009 Nov;168(2):294-304. Epub 2009 Jul 16. ([DOI Direct Link](#))
- [eNOS uncoupling and endothelial dysfunction in aged vessels.](#)
Endothelial nitric oxide synthase (eNOS) uncoupling is a mechanism that... 13th November, 2009
Department of Physiology, New York Medical College, Valhalla, NY 10595,- Am J Physiol Heart Circ Physiol. 2009 Nov;297(5):H1829-36. Epub 2009 Sep ([DOI Direct Link](#))
- [Caenorhabditis elegans F09E10.3 encodes a putative 3-oxoacyl-thioester reductase of mitochondrial type 2 fatty acid synthase FASII that is functional in yeast.](#)
Caenorhabditis elegans F09E10.3 (dhs-25) was identified as encoding a... 13th November, 2009
Section of Physiology of Lipid Metabolism, Institute of Physiology, Center- J Biomed Biotechnol. 2009;2009:235868. Epub 2009 Sep 7. ([DOI Direct Link](#))
- [Aldo-keto reductase \(AKR\) superfamily: genomics and annotation.](#)
Aldo-keto reductases (AKRs) are phase I metabolising enzymes that catalyse... 10th November, 2009
Department of Pharmacology, Center for Excellence in Environmental- Hum Genomics. 2009 Jul;3(4):362-70.
- [Interaction of ZEB and histone deacetylase with the PLDLS-binding cleft region of monomeric C-terminal binding protein 2.](#)
BACKGROUND: Proteins of the C-terminal binding protein (CtBP) family,... 5th November, 2009
Institute for Molecular Virology, Saint Louis University Health Sciences- BMC Mol Biol. 2009 Sep 15;10:89. ([DOI Direct Link](#))
- [SUMO association with repressor complexes, emerging routes for transcriptional control.](#)
Covalent attachment of the small ubiquitin-like modifier (SUMO) to... 31st October, 2009
Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER),- Biochim Biophys Acta. 2009 Jun-Aug;1789(6-8):451-9. Epub 2009 Jul 17. ([DOI Direct Link](#))
- [Induction of neoplastic transformation by ectopic expression of human aldo-keto reductase 1C isoforms in NIH3T3 cells.](#)

- We have shown previously that chronic low-dose arsenic exposure induces...*27th October, 2009
Graduate Institute of Life Sciences, National Defense Medical Center,- Carcinogenesis. 2009
Oct;30(10):1813-20. Epub 2009 Aug 20. ([DOI Direct Link](#))
- [The essential mycobacterial genes, fabG1 and fabG4, encode 3-oxoacyl-thioester reductases that are functional in yeast mitochondrial fatty acid synthase type 2.](#)
*Mycobacterium tuberculosis represents a severe threat to human health...*21st October, 2009
Section of Physiology of Lipid Metabolism, Institute of Physiology, Center- Mol Genet Genomics. 2009
Oct;282(4):407-16. Epub 2009 Aug 14. ([DOI Direct Link](#))
 - [Role of plant glyoxylate reductases during stress: a hypothesis.](#)
*Molecular modelling suggests that a group of proteins in plants known as...*6th October, 2009
Department of Plant Agriculture, University of Guelph, ON, Canada.- Biochem J. 2009 Sep
14;423(1):15-22. ([DOI Direct Link](#))
 - [Effect of a conservative mutation of an active site residue involved in substrate binding on the hydride tunneling reaction catalyzed by choline oxidase.](#)
*The reaction of alcohol oxidation catalyzed by choline oxidase was...*30th September, 2009
Department of Chemistry, Georgia State University, Atlanta, GA 30302-4098,- Arch Biochem Biophys.
2009 Sep;489(1-2):10-4. Epub 2009 Aug 3. ([DOI Direct Link](#))
 - [Partial purification and characterization of a new human membrane-bound carbonyl reductase playing a role in the deactivation of the anticancer drug oracin.](#)
*Carbonyl reducing enzymes play important roles in the biotransformation...*24th September, 2009
Department of Biochemical Sciences, Faculty of Pharmacy, Charles- Toxicology. 2009 Oct
1;264(1-2):52-60. Epub 2009 Jul 25. ([DOI Direct Link](#))
 - [Characterization of two novel aldo-keto reductases from Arabidopsis: expression patterns, broad substrate specificity, and an open active-site structure suggest a role in toxicant metabolism following stress.](#)
*Aldo-keto reductases (AKRs) are widely distributed in nature and play...*15th September, 2009
School of Biosciences, University of Birmingham, Edgbaston, Birmingham,- J Mol Biol. 2009 Sep
18;392(2):465-80. Epub 2009 Jul 15. ([DOI Direct Link](#))
 - [Eos mediates Foxp3-dependent gene silencing in CD4+ regulatory T cells.](#)
*CD4+ regulatory T cells (Tregs) maintain immunological self-tolerance and...*10th September, 2009
Immunology and Hematopoiesis Division, Sidney Kimmel Comprehensive Cancer- Science. 2009 Aug
28;325(5944):1142-6. Epub 2009 Aug 20. ([DOI Direct Link](#))
 - [Backbone assignments of the 34 kDa ketopantoate reductase from E. coli.](#)
*Ketopantoate reductase is an essential enzyme for pantothenate (vitamin...*27th August, 2009
Medicinal Chemistry and Drug Action, Monash Institute of Pharmaceutical- Biomol NMR Assign. 2008
Jun;2(1):93-6. Epub 2008 Apr 26. ([DOI Direct Link](#))

BioNews Results for Alcohol Oxidoreductases

- [Older adults with alcohol dependence problems drink more than younger counterparts](#)
News-Medical.Net: Nov 21 2009 7:21AM Matching: alcohol
- [Alkermes Begins Phase 2 Clinical Study of ALKS 33 for the Treatment of Alcohol Dependence](#)
TradingMarkets: Nov 21 2009 4:02AM Matching: alcohol
- [Don't lose your head over beer claim](#)
Nursing Times: Nov 21 2009 7:29AM Matching: alcohol
- [Alkermes Begins Phase 2 Clinical Study of ALKS 33 for the Treatment of Alcohol Dependence](#)
Individual.com: Nov 21 2009 6:40AM Matching: alcohol
- [Alkermes Begins Phase 2 Clinical Study of ALKS 33 for the Treatment of Alcohol Dependence](#)
Individual.com: Nov 21 2009 6:38AM Matching: alcohol

- [Climate Change Bad News For Winemakers](#)
MedIndia: Nov 21 2009 6:16AM Matching: alcohol
- [Popular Science Top Health Innovations 2009](#)
Malaysian Medical Resources: Nov 21 2009 5:17AM Matching: alcohol
- [Older Problem Drinkers Use More Alcohol Than Do Their Younger Counterparts](#)
Newswise: Nov 20 2009 7:37PM Matching: alcohol
- [Older problem drinkers use more alcohol than do their younger counterparts](#)
Genetic Engineering News: Nov 20 2009 5:24PM Matching: alcohol
- [Medical News: Mathematical Abilities Examined In Children With Fetal Alcohol Spectrum Disorder](#)
BioFind: Nov 20 2009 3:57PM Matching: alcohol
- [Medical News: Mathematical Abilities Examined In Children With Fetal Alcohol Spectrum Disorder](#)
BioFind: Nov 20 2009 3:55PM Matching: alcohol
- [Alcohol Reduces Heart Disease Risk in Men: Study](#)
MedIndia: Nov 20 2009 6:34AM Matching: alcohol
- [Mathematical Abilities Examined In Children With Fetal Alcohol Spectrum Disorder](#)
Medical News Today: Nov 20 2009 4:59PM Matching: alcohol
- [Intervention Cuts Risky Drinking in DWI Offenders](#)
MedPage Today: Nov 20 2009 1:21AM Matching: alcohol
- [Flu vaccination clinics planned for this week](#)
Chadron Record: Nov 20 2009 11:14PM Matching: alcohol

Alcohol Oxidoreductases Patents:



- 6166290- [Glutathione-S-conjugate transport in plants](#)
- 5846813- [DszD utilization in desulfurization of DBT by rhodococcus sp. IGTS8](#)
- 5811285- [DSZD utilization in desulfurization of DBT by rhodococcus sp. IGTS8](#)
- 5002886- [Oxidoreductase and the preparation thereof](#)

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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)

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