

Imp Dehydrogenase

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Recent Publications on Imp Dehydrogenase:



- [Mycophenolate pharmacokinetics and pharmacodynamics in belatacept treated renal allograft recipients - a pilot study.](#)
*BACKGROUND: Mycophenolic acid (MPA) is widely used as part of...*5th November, 2009
Department of Medical Biochemistry, Rikshospitalet University Hospital,- J Transl Med. 2009 Jul 27;7:64. ([DOI Direct Link](#))
- [GuaA and GuaB are essential for Borrelia burgdorferi survival in the tick-mouse infection cycle.](#)
*Pathogens lacking the enzymatic pathways for de novo purine biosynthesis...*3rd November, 2009
Laboratory of Zoonotic Pathogens, Rocky Mountain Laboratories, National- J Bacteriol. 2009 Oct;191(20):6231-41. Epub 2009 Aug 7. ([DOI Direct Link](#))
- [Ribavirin analogs.](#)
*Ribavirin is ineffective against hepatitis C virus as mono-therapy but is...*14th October, 2009
Department of Gastroenterology and Hepatology, Naval Medical Center San- Clin Liver Dis. 2009 Aug;13(3):419-27. ([DOI Direct Link](#))
- [IMP dehydrogenase: structure, mechanism, and inhibition.](#)
*We previously described a putative role for inosine monophosphate...*1st October, 2009
Department of Biology, Brandeis University, MS009, 415 South Street,- Chem Rev. 2009 Jul;109(7):2903-28. ([DOI Direct Link](#))
- [The necrotic signal induced by mycophenolic acid overcomes apoptosis-resistance in tumor cells.](#)
*BACKGROUND: The amount of inosine monophosphate dehydrogenase (IMPDH), a...*26th September, 2009
CNRS UMR 5164, Bordeaux, France.- PLoS One. 2009;4(5):e5493. Epub 2009 May 11. ([DOI Direct Link](#))
- [Improved assay for the nonradioactive determination of inosine 5'-monophosphate dehydrogenase activity in peripheral blood mononuclear cells.](#)
*Mycophenolic acid (MPA) inhibits the enzyme inosine 5'-monophosphate...*26th September, 2009
Department of Internal Medicine, Nephrology, Campus Mitte,- Ther Drug Monit. 2009 Jun;31(3):351-9. ([DOI Direct Link](#))
- [Triazole inhibitors of Cryptosporidium parvum inosine 5'-monophosphate dehydrogenase.](#)
*Cryptosporidium parvum is an important human pathogen and potential...*22nd September, 2009
Department of Biology, Brandeis University, MS009, 415 South Street,- J Med Chem. 2009 Aug 13;52(15):4623-30. ([DOI Direct Link](#))
- [Identification and characterization of inosine 5-monophosphate dehydrogenase in Streptococcus suis](#)

[type 2.](#)

Streptococcus suis type 2 is a swine pathogen responsible for diverse...12th September, 2009

Institute of Veterinary Medicine, Jiangsu Academy of Agricultural- Microb Pathog. 2009

Nov;47(5):267-73. Epub 2009 Sep 8. ([DOI Direct Link](#))

- [Interpatient variability in IMPDH activity in MMF-treated renal transplant patients is correlated with IMPDH type II 3757T > C polymorphism.](#)

*OBJECTIVES: The active metabolite of mycophenolate mofetil (MMF),...*12th September, 2009

Department of Hospital Pharmacy, Erasmus University Medical Center,- Pharmacogenet Genomics.

2009 Aug;19(8):626-34. ([DOI Direct Link](#))

- [Molecular Formal Concept Analysis for compound selectivity profiling in biologically annotated databases.](#)

*Molecular Formal Concept Analysis (MolFCA), an adaptation of formal...*15th August, 2009

Department of Life Science Informatics, B-IT, LIMES Program Unit Chemical- J Chem Inf Model. 2009

Jun;49(6):1359-68. ([DOI Direct Link](#))

- [Pharmacodynamic evaluation of the first dose of mycophenolate mofetil before kidney transplantation.](#)

*BACKGROUND AND OBJECTIVES: The effect of mycophenolate mofetil (MMF) on T...*14th August, 2009

Department of Nephrology, Charite-Universitaetsmedizin Berlin, Berlin,- Clin J Am Soc Nephrol. 2009

May;4(5):936-42. Epub 2009 Apr 1. ([DOI Direct Link](#))

- [Inhibition of inosine monophosphate dehydrogenase reduces adipogenesis and diet-induced obesity.](#)

*We previously described a putative role for inosine monophosphate...*28th July, 2009

Diamantina Institute for Cancer, Immunology and Metabolic Medicine,- Biochem Biophys Res

Commun. 2009 Aug 21;386(2):351-5. Epub 2009 Jun 11. ([DOI Direct Link](#))

- [Borrelia burgdorferi bb0426 encodes a 2'-deoxyribosyltransferase that plays a central role in purine salvage.](#)

*Borrelia burgdorferi is an obligate parasite with a limited genome that...*22nd July, 2009

Laboratory of Zoonotic Pathogens, Rocky Mountain Laboratories, National- Mol Microbiol. 2009

Jun;72(6):1517-29. Epub 2009 May 15. ([DOI Direct Link](#))

- [Depletion of guanine nucleotides leads to the Mdm2-dependent proteasomal degradation of nucleostemin.](#)

*Nucleostemin is a positive regulator of cell proliferation and is highly...*3rd June, 2009

Department of Medicine, Division of Oncology, and the Stanford Cancer- Cancer Res. 2009 Apr

1;69(7):3004-12. Epub 2009 Mar 24. ([DOI Direct Link](#))

- [Characterization of rationally attenuated Francisella tularensis vaccine strains that harbor deletions in the quaA and quaB genes.](#)

*Francisella tularensis, the etiologic agent of tularemia, can cause severe...*13th May, 2009

Center for Vaccine Development, University of Maryland, Baltimore, 21201,- Vaccine. 2009 Apr

21;27(18):2426-36. Epub 2009 Mar 3. ([DOI Direct Link](#))

Imp Dehydrogenase Patents:



- 7335799- [Hydroxyl compounds and compositions for cholesterol management and related uses](#)
- 7407967- [Cyclopamine analogues and methods of use thereof](#)
- 7423116- [Pentapeptide compounds and uses related thereto](#)

- [7425553- Triheterocyclic compounds, compositions, and methods for treating cancer or viral diseases](#)
- [7429599- Methods for treating or preventing an inflammatory or metabolic condition or inhibiting JNK](#)
- [7432290- Inhibitors of IMPDH enzyme](#)
- [7432369- Pyridyl-substituted porphyrin compounds and methods of use thereof](#)
- [7435560- Method for producing purine nucleoside by fermentation](#)
- [7439347- Hepatitis C virus non-structural NS3/4A fusion gene](#)
- [7442523- Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics](#)
- [7442699- Anilinopyrimidine derivatives as IKK inhibitors and compositions and methods related thereto](#)
- [7407784- L-amino acid oxidase with cytotoxic activity from Aplysia punctata](#)
- [7405226- Cycloalkyl-hydroxyl compounds and compositions for cholesterol management and related uses](#)
- [7388016- Dibenzonaphthyridine derivatives and methods of use thereof](#)
- [7341717- Therapeutic targets for treatment of HCV infections, methods of treating HCV infections and compounds useful therefor](#)
- [7351399- Prodrugs for phosphorus-containing compounds](#)
- [7365057- Modified 2' and 3'-nucleoside prodrugs for treating Flaviviridae infections](#)
- [7365178- Acyl-nucleotide probes and methods of their synthesis and use in proteomic analysis](#)
- [7371372- Compositions comprising IMPDH inhibitors and uses thereof for treating HCV infection](#)
- [7378258- Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics](#)
- [7378422- Inhibitors of serine proteases, particularly HCV NS3-NS4A protease](#)
- [7378514- Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics](#)
- [7381722- Tetracyclic amino and carboxamido compounds and methods of use thereof](#)
- [7384924- Modified 2' and 3'-nucleoside prodrugs for treating Flaviviridae infections](#)
- [7456155- 2'-C-methyl-3'-O-L-valine ester ribofuranosyl cytidine for treatment of flaviviridae infections](#)
- [7459472- Aryl and heteroaryl compounds, compositions, and methods of use](#)
- [7566812- Transgenic mouse models of hepatitis C virus \(HCV\) and identification of HCV therapeutics](#)
- [7575901- Method for producing nucleotide by fermentation](#)
- [7576130- Dihydroxyl compounds and compositions for cholesterol management and related uses](#)
- [7582282- Methods for optimizing clinical responsiveness to methotrexate therapy using metabolite profiling and pharmacogenetics](#)
- [7582618- 2'-C-methyl-3'-O-L-valine ester ribofuranosyl cytidine for treatment of flaviviridae infections](#)
- [7598373- Process for the production of 2-C-methyl-D-ribonolactone](#)
- [7601519- Method for producing purine nucleoside by fermentation](#)
- [7605270- Polymorphic forms of \(S\)-tetrahydrofuran-3-yl-3-\(3-\(3-methoxy-4-\(oxazol-5-yl\) phenyl\) ureido\) benzylcarbamate](#)
- [7608432- Method for producing purine nucleoside by fermentation](#)
- [7608597- Methods and compositions for treating hepatitis C virus](#)
- [7553816- p-amidobenzylethers in drug delivery agents](#)
- [7550578- Rice promoters for regulation of plant expression](#)
- [7547704- Modified 2' and 3'-nucleoside prodrugs for treating Flaviviridae infections](#)
- [7491745- Pyrrole-Type compounds, compositions and methods for treating cancer or viral disease](#)
- [7498298- Monomethylvaline compounds capable of conjugation to ligands](#)
- [7504515- Polymorphic forms of \(S\)-1-cyanobutan-2-yl \(S\)-1-\(3-\(3-\(3-methoxy-4-\(oxazol-5-yl\)phenyl\) ureido\)phenyl\) ethylcarbamate](#)
- [7507579- Apparatus and methods for simultaneous operation of miniaturized reactors](#)
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- [7507828- Histone deacetylase inhibitors and methods of use thereof](#)
- [7521193- Human diabetes-mediating proteins](#)
- [7524831- Treatments for Flaviviridae virus infection](#)
- [7527952- Crystals of inosine monophosphate dehydrogenase/oxidized inosine monophosphate](#)

[thiomidate intermediate/mycophenolic acid \(IIMPDH/XMP*/MPA\)](#)

- 7537896- [Androgen-regulated PMEPA1 gene and polypeptides](#)
- 7608600- [Modified 2' and 3'-nucleoside prodrugs for treating Flaviviridae infections](#)

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