

# Carbamoyl-Phosphate Synthase Ammonia

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## Recent Publications on Carbamoyl-Phosphate Synthase Ammonia:



- [Changes of activity and mRNA expression of urea cycle enzymes in the liver of developing Holstein calves.](#)  
*Urea is an important reutilizable nitrogen source for the ruminant and is...*20th September, 2008  
Department of Animal Physiology, Graduate School of Agricultural Science,- J Anim Sci. 2008 Jul;86(7):1526-32. Epub 2008 Mar 14. ([DOI Direct Link](#))
- [Proteomic analysis of fructose-induced fatty liver in hamsters.](#)  
*High fructose consumption is associated with the development of fatty...*5th September, 2008  
Division of Immunogenetics, Department of Pediatrics, Children's Hospital- Metabolism. 2008 Aug;57(8):1115-24. ([DOI Direct Link](#))
- [Utility of oligonucleotide array-based comparative genomic hybridization for detection of target gene deletions.](#)  
*BACKGROUND: direct DNA sequencing is the primary clinical technique for...*9th August, 2008  
Molecular and Human Genetics, Baylor College of Medicine, Houston, TX- Clin Chem. 2008 Jul;54(7):1141-8. Epub 2008 May 16. ([DOI Direct Link](#))
- [3-isobutylmethylxanthine inhibits hepatic urea synthesis: protection by agmatine.](#)  
*We previously showed that agmatine stimulated hepatic ureagenesis. In this...*18th July, 2008  
Children's Hospital of Philadelphia, Division of Child Development,- J Biol Chem. 2008 May 30;283(22):15063-71. Epub 2008 Mar 28. ([DOI Direct Link](#))
- [Mechanism for the transport of ammonia within carbamoyl phosphate synthetase determined by molecular dynamics simulations.](#)  
*Carbamoyl phosphate synthetase (CPS) is a member of the amidotransferase...*5th June, 2008  
Department of Chemistry, Texas A&M University, College Station, Texas- Biochemistry. 2008 Mar 4;47(9):2935-44. Epub 2008 Jan 26. ([DOI Direct Link](#))
- [Contrasting features of urea cycle disorders in human patients and knockout mouse models.](#)  
*The urea cycle exists for the removal of excess nitrogen from the body....*11th April, 2008  
Department of Pathology and Laboratory Medicine, David Geffen School of- Mol Genet Metab. 2008 Jan;93(1):7-14. Epub 2007 Oct 22. ([DOI Direct Link](#))
- [Zonal expression of hepatocytic marker enzymes during liver repopulation.](#)  
*Hepatocytes are metabolically specialised cells displaying distinctive...*7th February, 2008  
Department of General Surgery, Faculty of Medicine and University- Histochem Cell Biol. 2007 Aug;128(2):105-14. Epub 2007 Jun 19. ([DOI Direct Link](#))
- [The antigen for Hep Par 1 antibody is the urea cycle enzyme carbamoyl phosphate synthetase 1.](#)  
*Hepatocyte paraffin 1 (Hep Par 1), a murine monoclonal antibody, is widely...*10th January, 2008

Department of Pathology, Immunology and Laboratory Medicine, University of- Lab Invest. 2008 Jan;88(1):78-88. Epub 2007 Nov 19. ([DOI Direct Link](#))

- [Rat liver 10-formyltetrahydrofolate dehydrogenase, carbamoyl phosphate synthetase 1 and betaine homocysteine S-methyltransferase were co-purified on Kunitz-type soybean trypsin inhibitor-coupled sepharose CL-4B.](#)  
*An Asp/His catalytic site of 10-formyltetrahydrofolate dehydrogenase (FDH)...*20th September, 2007  
College of Pharmacy, Pusan National University, Jangjeon Dong, Kumjeong- J Biochem Mol Biol. 2007 Jul 31;40(4):604-9.
- [Carbamoyl phosphate synthetase polymorphisms as a risk factor for necrotizing enterocolitis. A C-to-A nucleotide transversion \(T1405N\) in the gene that encodes...](#)20th September, 2007  
Department of Pediatrics, University Hospital of Maastricht, 6202 AZ- Pediatr Res. 2007 Aug;62(2):188-90. ([DOI Direct Link](#))
- [The phylogenetic relationships of flies in the superfamily Empidoidea \(Insecta: Diptera\).](#)  
*We conducted a molecular phylogenetic study of the Empidoidea, a diverse...*21st August, 2007  
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- [Air-breathing catfish, Clarias batrachus upregulates glutamine synthetase and carbamyl phosphate synthetase III during exposure to high external ammonia.](#)  
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Biochemical Adaptation Laboratory, Department of Zoology, North-Eastern- Comp Biochem Physiol B Biochem Mol Biol. 2007 Jul;147(3):520-30. Epub 2007 ([DOI Direct Link](#))
- [cyclicAMP and glucocorticoid responsiveness of the rat carbamoylphosphate synthetase gene requires the interplay of upstream regulatory units.](#)  
*Many genes involved in metabolic processes are regulated by...*28th July, 2007  
University of Amsterdam, AMC Liver Center, Meibergdreef 69-71, 1105- Biochimie. 2007 May;89(5):574-80. Epub 2007 Feb 20. ([DOI Direct Link](#))
- [Assessing the functional characteristics of synonymous and nonsynonymous mutation candidates by use of large DNA constructs.](#)  
*As we identify more and more genetic changes, either through mutation...*19th July, 2007  
Program in Translational Genetics, Center for Human Genetic Research,- Am J Hum Genet. 2007 Apr;80(4):740-50. Epub 2007 Mar 8. ([DOI Direct Link](#))
- [Sequence, expression and evolutionary relationships of carbamoyl phosphate synthetase I in the toad Xenopus laevis.](#)  
*The sequence of carbamoyl phosphate synthetase I (CPSase I) cDNA and...*27th April, 2007  
Department of Biochemistry and Molecular Biology, University of- J Exp Zool Part A Ecol Genet Physiol. 2007 Mar 1;307(3):163-75. ([DOI Direct Link](#))

#### Carbamoyl-Phosphate Synthase Ammonia Patents:



- 7273614- [Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides useful for treating aids](#)
- 6017536- [Simian immunodeficiency virus peptides with antifusogenic and antiviral activities](#)
- 6054265- [Screening assays for compounds that inhibit membrane fusion-associated events](#)
- 6060065- [Compositions for inhibition of membrane fusion-associated events, including influenza virus transmission](#)

- 6068973- [Methods for inhibition of membrane fusion-associated events, including influenza virus](#)
- 6093794- [Isolated peptides derived from the Epstein-Barr virus containing fusion inhibitory domains](#)
- 6228983- [Human respiratory syncytial virus peptides with antifusogenic and antiviral activities](#)
- 6479055- [Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission](#)
- 6518013- [Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission](#)
- 6824783- [Methods for inhibition of membrane fusion-associated events, including HIV transmission](#)
- 6951717- [Methods and compositions for inhibition of membrane fusion-associated events, including HIV transmission](#)
- 6013263- [Measles virus peptides with antifusogenic and antiviral activities](#)

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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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