

Acetylcholinesterase

[View the current Acetylcholinesterase InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Acetylcholinesterase.html)

(<http://www.bioportfolio.com/indepth/Acetylcholinesterase.html>)



Recent Publications on Acetylcholinesterase:

- [Synthesis and biological evaluation of novel flavonoid derivatives as dual binding acetylcholinesterase inhibitors.](#)
A new series of flavonoid derivatives have been designed, synthesised and... 3rd October, 2008
College of Pharmaceutical Sciences, Zhejiang University, Hangzhou, P.R.- J Enzyme Inhib Med Chem. 2008 Oct 1:1. ([DOI Direct Link](#))
- [In vitro reactivation of trichlorfon-inhibited butyrylcholinesterase using HI-6, obidoxime, pralidoxime and K048.](#)
Trichlorfon is a specific inhibitor of cholinesterases. It was typically... 1st October, 2008
Faculty of Military Health Sciences, Center of Advanced Studies,- J Enzyme Inhib Med Chem. 2008 Sep 29:1. ([DOI Direct Link](#))
- [Acetylcholinesterase/Butyrylcholinesterase inhibition activity of some new carbacylamidophosphate derivatives.](#)
Eight newly synthesized carbacylamidophosphates with the general formula... 1st October, 2008
Department of Chemistry, Faculty of Science, Tarbiat Modares University,- J Enzyme Inhib Med Chem. 2008 Sep 29:1. ([DOI Direct Link](#))
- [Morphological and quantitative study of ganglionated plexus of Calomys callosus trachea.](#)
Calomys callosus is a wild, native forest rodent found in South America.... 1st October, 2008
Department of Anatomy, Institute of Biomedical Sciences, University of Sao- Auton Neurosci. 2008 Sep 26. ([DOI Direct Link](#))
- [Potentiation by cholinesterase inhibitors of cholinergic activity in rat isolated stomach and colon.](#)
Acetylcholinesterase (AChE) inhibitors stimulate gastrointestinal (GI)... 1st October, 2008
Neuroscience Centre of Excellence for Drug Discovery, GlaxoSmithKline,- Pharmacol Res. 2008 Sep 9. ([DOI Direct Link](#))
- [A pre-intervention study of malaria vector abundance in Rio Muni, Equatorial Guinea: their role in malaria transmission and the incidence of insecticide resistance alleles.](#)
ABSTRACT: BACKGROUND: Following the success of the malaria control... 1st October, 2008
- Malar J. 2008 Sep 29;7(1):194. ([DOI Direct Link](#))
- [\[Experimental study on peripheral nerve plasticity in rats\]](#)
OBJECTIVE: To observe the plastic changes of sensory nerve in terms of... 1st October, 2008
Department of Orthopedics, Xuhui Central Hospital, Shanghai, 200031, P.R.- Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2008 Sep;22(9):1073-6.
- [\[Preliminary research of 3D reconstruction of short-segment common peroneal nerve functional fascicles\]](#)

- OBJECTIVE: To investigate the feasibility of building the 3D...1st October, 2008*
Department of Microsurgery, First Affiliated Hospital of Sun Yat-sen- Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2008 Sep;22(9):1031-5.
- [\[3D visualization research on microstructure of human ulnar nerve\]](#)
OBJECTIVE: To explore the application of 3D nerve visualization system in...1st October, 2008
Department of Orthopedics, Zhongshan Hospital, Fudan University, Shanghai,- Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2008 Sep;22(9):1026-30.
 - [Topography and chemoarchitecture of the striatum and pallidum in a monotreme, the short-beaked echidna \(Tachyglossus aculeatus\).](#)
The topography and chemoarchitecture of the striatum and pallidum in a...30th September, 2008
Department of Anatomy, School of Medical Sciences, The University of New- Somatosens Mot Res. 2008 Sep;25(3):171-87. ([DOI Direct Link](#))
 - [Tidal influence on the distribution of hydrophobic organic contaminants in the Seine Estuary and biomarker responses on the copepod Eurytemora affinis.](#)
To elucidate tidally related variations of hydrophobic organic contaminant...30th September, 2008
Universite Bordeaux 1, CNRS, ISM-LPTC-UMR 5255 (Laboratory of Physico- and- Environ Pollut. 2008 Sep 24. ([DOI Direct Link](#))
 - [\[Alzheimer's disease: therapeutic perspectives\]](#)
Current treatments for Alzheimer's disease aim to compensate for...30th September, 2008
Centre des Maladies Cognitives et Comportementales et Inserm U 610,- Bull Acad Natl Med. 2008 Feb;192(2):333-42; discussion 343-4.
 - [\[Temperature dependence of the acetylcholinesterase activity in synaptic membranes of the rat brain\]](#)
The temperature dependence (5-40 degrees C) of the acetylcholinesterase...30th September, 2008
- Biofizika. 2008 Jul-Aug;53(4):613-7.
 - [Acetylcholinesterase inhibitor in combination with cognitive training in older adults.](#)
To determine if donepezil, an acetylcholinesterase (AChE) inhibitor,...27th September, 2008
Department of Psychiatry and Behavioral Sciences, Stanford University- J Gerontol B Psychol Sci Soc Sci. 2008 Sep;63(5):P288-94.
 - [The influence of simvastatin, atorvastatin and high-cholesterol diet on acetylcholinesterase activity, amyloid beta and cholesterol synthesis in rat brain.](#)
OBJECTIVE: There is evidence to suppose that cholesterol-lowering medicine...27th September, 2008
2nd Department of Medicine, Charles University in Prague, Medical Faculty- Steroids. 2008 Sep 5. ([DOI Direct Link](#))

BioNews Results for Acetylcholinesterase

- [TopAbstracts in Stroke 09/04/2008](#)
Doctors Guide: Sep 5 2008 7:13PM Matching: acetylcholinesterase
- [Learn about the World CNS Therapeutics Market](#)
Prudent Press Agency: Sep 5 2008 1:11PM Matching: acetylcholinesterase
- [Learn about the World CNS Therapeutics Market](#)
Macro World Investor: Sep 4 2008 11:09PM Matching: acetylcholinesterase
- [Learn about the World CNS Therapeutics Market](#)
TMC Net: Sep 4 2008 11:07PM Matching: acetylcholinesterase
- [Learn about the World CNS Therapeutics Market](#)
MarketWatch: Sep 4 2008 11:02PM Matching: acetylcholinesterase
- [The target site of anti-Alzheimer drugs observed 'live'](#)
Commissariat a l'Energie Atomique: Aug 31 2008 11:56AM Matching: acetylcholinesterase

Acetylcholinesterase Clinical Trials:



- [Acetylcholinesterase Inhibitors to Improve Cognitive Function and Overall Rehabilitation After a Stroke Cerebrovascular Accident](#)

Acetylcholinesterase Patents:



- 7410785- [ACTR-1, a novel human acyltransferase and uses thereof](#)
- 7419996- [Parenteral and oral formulations of benzimidazoles](#)
- 7420044- [Nucleic acid and protein homologs and uses thereof](#)
- 7421347- [Identifying oligonucleotides for in vitro recombination](#)
- 7422742- [Methods for using human monoclonal antibodies to interleukin-5](#)
- 7422860- [Optoelectronic detection system](#)
- 7422863- [Molting hormone receptor and method for screening ligand to the receptor](#)
- 7422892- [Enzyme-based device for environmental monitoring](#)
- 7422903- [Multi-analyte reference solutions](#)
- 7423011- [Therapeutic chemokine receptor antagonists](#)
- 7423018- [Kinesin-like proteins and methods of use](#)
- 7419806- [Immunogenic Mycoplasma hyopneumoniae polypeptides](#)
- 7419784- [Methods, systems and apparatus for separation and isolation of one or more sample components of a sample biological material](#)
- 7417121- [Human G-protein coupled receptor, HGPRBMY39](#)
- 7410787- [Diagnosis of Whipple's disease](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7411052- [Methods and materials relating to stem cell growth factor-like polypeptides and polynucleotides](#)
- 7411054- [25869, 25934, 26335, 50365, 21117, 38692, 46508, 16816, 16839, 49937, 49931 and 49933 molecules and uses therefor](#)
- 7413882- [Methods for degrading or converting plant cell wall polysaccharides](#)
- 7414040- [Thrombopoietin mimetics](#)
- 7414067- [Ophthalmic compositions for treating ocular hypertension](#)
- 7416729- [Methods of treating rheumatoid arthritis with anti-TNF antibodies](#)
- 7416849- [HBM variants that modulate bone mass and lipid levels](#)
- 7416850- [Cytochrome c and leucine-rich alpha-2-glycoprotein-1 assays, methods and antibodies](#)
- 7423037- [Morpholine derivatives as norepinephrine reuptake inhibitors](#)
- 7423066- [Methods, compounds, and compositions for reducing body fat and modulating fatty acid metabolism](#)
- 7427681- [Pyrazole compounds useful as protein kinase inhibitors](#)
- 7427683- [c-fms kinase inhibitors](#)
- 7429382- [Antibodies that bind cell-associated CA 125/O772P and methods of use thereof](#)

- 7429387- [Use of botulinum toxin therapy for treatment of recalcitrant voiding dysfunction](#)
- 7429448- [Therapeutic use of the SMR1 protein and active derivatives thereof](#)
- 7429459- [Methods for identifying a compound that inhibits the procession of amyloid-beta protein production in a mammalian cell expressing APP and overexpressing a G-protein coupled receptor in the cell](#)
- 7429463- [Method for diagnosing a transmissible spongiform subacute encephalopathy caused by an unconventional transmissible agent strain in a biological sample](#)
- 7429482- [Screening tools for discovery of novel anabolic agents](#)
- 7429603- [C-fms kinase inhibitors](#)
- 7429646- [Antibodies to human tumor necrosis factor receptor-like 2](#)
- 7427600- [Active agent delivery systems and methods for protecting and administering active agents](#)
- 7427468- [Anti-TSG101 antibodies and their uses for treatment of viral infections](#)
- 7425622- [Antibodies against C3a receptor](#)
- 7423068- [Control of parasitic mites of honey bees](#)
- 7425328- [Tissue factor antibodies and uses thereof](#)
- 7425330- [Methods of inhibiting TNF.alpha. activity in the blood of a patient](#)
- 7425334- [Methods of making antibodies that bind Nogo](#)
- 7425420- [Identification of ligands by selective amplification of cells transfected with a 5HT2A receptor](#)
- 7425424- [Kinases and uses thereof](#)
- 7425610- [Methods and materials relating to CD84-like polypeptides and polynucleotides](#)
- 7425618- [Stabilized anti-respiratory syncytial virus \(RSV\) antibody formulations](#)
- 7425619- [Fc.gamma.RIIB specific antibodies and methods of use thereof](#)
- 7425620- [Fc.gamma.RIIB-specific antibodies and methods of use thereof](#)
- 7430477- [Methods of populating data structures for use in evolutionary simulations](#)

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 Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

