

Perforant Pathway

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Recent Publications on Perforant Pathway:



- [Effects of thyroid hormone replacement on associative learning and hippocampal synaptic plasticity in adult hypothyroid rats.](#)
Activity-dependent changes taking place at the hippocampal perforant... 18th November, 2009
Department of Nervous System and Endocrine Pathophysiology, Instituto de- Eur J Neurosci. 2009 Aug;30(4):679-92. Epub 2009 Aug 3. ([DOI Direct Link](#))
- [LTD induction suppresses LTP-induced hippocampal adult neurogenesis.](#)
Neurogenesis persists in certain adult brain regions including the dentate... 31st October, 2009
Neuroscience Laboratory, Institute for Medical Sciences, Ajou University- Neuroreport. 2009 Sep 23;20(14):1279-83. ([DOI Direct Link](#))
- [Effects of carnosine on long-term plasticity of medial perforant pathway/dentate gyrus synapses in urethane-anesthetized rats: an in vivo model.](#)
The objective of this study was to examine the effect of carnosine on the... 16th October, 2009
Faculty of Medicine, Department of Physiology, University of Erciyes,- Exp Brain Res. 2009 Aug;197(2):135-42. Epub 2009 Jun 24. ([DOI Direct Link](#))
- [Activation of metabotropic glutamate receptor type 2/3 supports the involvement of the hippocampal mossy fiber pathway on contextual fear memory consolidation.](#)
Elucidating the functional properties of the dentate gyrus (DG), CA3, and... 15th October, 2009
Universite de Toulouse, France.- Learn Mem. 2009 Jul 28;16(8):504-7. Print 2009. ([DOI Direct Link](#))
- [The Synaptic Remodeling Between Regenerated Perforant Pathway and Granule Cells in Slice Culture.](#)
In order to understand the synaptic remodeling in the course of axonal... 17th September, 2009
Institute of Neurobiology and Laboratory of Neurobiology, Henan- Cell Mol Neurobiol. 2009 Sep 16. ([DOI Direct Link](#))
- [Enhanced microglial clearance of myelin debris in T cell-infiltrated central nervous system.](#)
Acute multiple sclerosis lesions are characterized by accumulation of T... 2nd September, 2009
Medical Biotechnology Center, University of Southern Denmark,- J Neuropathol Exp Neurol. 2009 Aug;68(8):845-56. ([DOI Direct Link](#))
- [Correlational relationships between the hippocampus and medial septal area and their changes during epileptogenesis.](#)
EEG traces were recorded from the hippocampus and medial septal area of... 1st September, 2009
Institute of Theoretical and Experimental Biophysics, Russian Academy of- Neurosci Behav Physiol. 2009 Sep;39(7):619-23. Epub 2009 Jul 21. ([DOI Direct Link](#))
- [Recruitment of N-Type Ca\(2+\) channels during LTP enhances low release efficacy of hippocampal CA1 perforant path synapses.](#)

- The entorhinal cortex provides both direct and indirect inputs to...* 29th August, 2009
Department of Neuroscience, Columbia University, New York, NY 10032, USA.- *Neuron*. 2009 Aug 13;63(3):372-85. ([DOI Direct Link](#))
- [Modulation of extracellular monoamine transmitter concentrations in the hippocampus after weak and strong tetanization of the perforant path in freely moving rats.](#)
Hippocampal long-term potentiation (LTP) is considered as a cellular model... 15th August, 2009
Department of Neurophysiology, Leibniz-Institute for Neurobiology,- *Brain Res*. 2009 Jun 1;1273:29-38. Epub 2009 Apr 2. ([DOI Direct Link](#))
 - [Synaptogenesis in adult-generated hippocampal granule cells is affected by behavioral experiences.](#)
Adult-generated hippocampal immature neurons play a functional role after... 23rd July, 2009
Dipartimento di Scienze dell'Uomo, dell'Ambiente e della Natura (DiSUAN),- *Hippocampus*. 2009 Jul 21. ([DOI Direct Link](#))
 - [Hippocampal injury, atrophy, synaptic reorganization, and epileptogenesis after perforant pathway stimulation-induced status epilepticus in the mouse.](#)
Prolonged dentate granule cell discharges produce hippocampal injury and... 16th July, 2009
Departments of Pharmacology and Neurology, University of Arizona College- *J Comp Neurol*. 2009 Jul 10;515(2):181-96. ([DOI Direct Link](#))
 - [Uncinate fasciculus abnormalities in recent onset schizophrenia and affective psychosis: a diffusion tensor imaging study.](#)
Two of the most frequently investigated regions in diffusion tensor... 8th July, 2009
Clinical Neuroscience Division, Laboratory of Neuroscience, Department of- *Schizophr Res*. 2009 May;110(1-3):119-26. Epub 2009 Mar 28. ([DOI Direct Link](#))
 - [Effects of N-acetylaspartylglutamate \(NAAG\) at group II mGluRs and NMDAR.](#)
A group II metabotropic glutamate receptor (mGluR) agonist was recently... 8th July, 2009
Psychiatry Discovery Technology Group, GlaxoSmithKline, New Frontiers- *Neuropharmacology*. 2009 May-Jun;56(6-7):1060-7. Epub 2009 Mar 12. ([DOI Direct Link](#))
 - [Axonal plasticity elicits long-term changes in oligodendroglia and myelinated fibers.](#)
Axons are linked to induction of myelination during development and to the... 21st May, 2009
Medical Biotechnology Center, University of Southern Denmark-Odense,- *Glia*. 2010 Jan 1;58(1):29-42. ([DOI Direct Link](#))
 - [\[Return of excitatory waves from the field CA1 to the hippocampal formation is facilitated after Schaffer collateral tetanization and during sleep\]](#)
In agreement with existing notion, in a waking animal, novel information... 7th May, 2009
- *Zh Vyssh Nerv Deiat Im I P Pavlova*. 2009 Jan-Feb;59(1):87-97.

BioNews Results for Perforant Pathway

- [Navigenics, 23andMe Respond To DTC Genetics Opinion Paper](#)
GenomeWeb: Nov 20 2009 7:50AM Matching: pathway
- [Medical News: Millennium Initiates First Clinical Trial With The First Oral Proteasome Inhibitor](#)
BioFind: Nov 19 2009 5:49PM Matching: pathway
- [Neuroprotection Against Hypoxic-Ischemic Brain Injury by Inhibiting the Apoptotic Protease Activating Factor-1 Pathway](#)
MDLinx: Nov 19 2009 12:06PM Matching: pathway
- [The Hedgehog Pathway and Pancreatic Cancer](#)
New England Journal of Medicine: Nov 19 2009 6:37AM Matching: pathway
- [Pancreatic Endocrine Tumors: Expression Profiling Evidences a Role for AKT-mTOR Pathway \[Gastrointestinal Canc](#)
Journal of Clinical Oncology: Nov 19 2009 6:30AM Matching: pathway

- [Millennium Initiates First Clinical Trial with the First Oral Proteasome Inhibitor](#)
SmartBrief: Nov 19 2009 6:17AM Matching: pathway
- [Millennium Initiates First Clinical Trial with the First Oral Proteasome Inhibitor](#)
Pharmacy Choice: Nov 19 2009 4:37AM Matching: pathway
- [Paloma Pharmaceuticals Presents at the AACR-NCI-EORTC International Conference Molecular Targets and Cancer Th](#)
PharmiWeb: Nov 19 2009 1:40AM Matching: pathway
- [Changing the CRT Clinical Pathway with 3D Ultrasound](#)
Diagnostic & Invasive Cardiology: Nov 19 2009 1:07AM Matching: pathway
- [Pathway's Deal with OptumHealth Yields Lowest-Priced Gene Scans in DTC Genomics Industry](#)
GenomeWeb: Nov 18 2009 12:40AM Matching: pathway
- [Millennium Initiates First Clinical Trial with The First Oral Proteasome Inhibitor](#)
Pharma Live: Nov 18 2009 7:44PM Matching: pathway
- [Millennium Initiates First Clinical Trial with the First Oral Proteasome Inhibitor](#)
Yahoo! Canada: Nov 18 2009 7:36PM Matching: pathway
- [Millennium Initiates First Clinical Trial with the First Oral Proteasome Inhibitor](#)
Genetic Engineering News: Nov 18 2009 4:40PM Matching: pathway
- [New NICE programme to evaluate medical technologies established](#)
PharmiWeb: Nov 18 2009 4:19AM Matching: pathway
- [2009/068 New NICE Programme To Evaluate Medical Technologies Established](#)
Medical News Today: Nov 17 2009 4:46PM Matching: pathway

Perforant Pathway Patents:



- 4761405- [Antagonists of specific excitatory amino acid neurotransmitter receptors having increased potency](#)
- 6761888- [Passive immunization treatment of Alzheimer's disease](#)
- 6787138- [Prevention and treatment of amyloidogenic disease](#)
- 6787139- [Prevention and treatment of amyloidogenic disease](#)
- 6787140- [Prevention and treatment of amyloidogenic disease](#)
- 6787143- [Prevention and treatment of amyloidogenic disease](#)
- 6787144- [Prevention and treatment of amyloidogenic disease](#)
- 6787523- [Prevention and treatment of amyloidogenic disease](#)
- 6787637- [N-Terminal amyloid-.beta. antibodies](#)
- 6808712- [Prevention and treatment of amyloidogenic disease](#)
- 6818218- [Prevention and treatment of amyloidogenic disease](#)
- 6750324- [Humanized and chimeric N-terminal amyloid beta-antibodies](#)
- 6743427- [Prevention and treatment of amyloidogenic disease](#)
- 6717031- [Method for selecting a transgenic mouse model of alzheimer's disease](#)
- 5109868- [Method for diagnosing senile dementia of the Alzheimer's type](#)
- 5972634- [Diagnostic assay for Alzheimer's disease: assessment of A.beta. abnormalities](#)
- 6054293- [Semaphorin receptors](#)
- 6365414- [Vitro system for determining formation of A.beta. amyloid](#)
- 6376494- [Cycloalkyl-substituted aryl-piperazines, piperidines and tetrahydropyridines as serotonergic](#)

[agents](#)

- 6490472- [MRI system and method for producing an index indicative of alzheimer's disease](#)
- 6518272- [Cycloalkyl-substituted aryl-piperazines, piperidines and tetrahydropyridines as serotonergic agents](#)
- 6597954- [System and method for controlling epileptic seizures with spatially separated detection and stimulation electrodes](#)
- 6623738- [Semaphorin receptors](#)
- 6710226- [Transgenic mouse assay to determine the effect of A.beta. antibodies and A.beta. Fragments on alzheimer's disease characteristics](#)
- 6866849- [Prevention and treatment of amyloidogenic disease](#)
- 6866850- [Prevention and treatment of amyloidogenic disease](#)
- 7014855- [Prevention and treatment of amyloidogenic disease](#)
- 7049330- [Cycloalkyl-substituted aryl-piperazines, piperidines and tetrahydropyridines as serotonergic agents](#)
- 7089059- [Predicting susceptibility to neurological dysfunction based on measured neural electrophysiology](#)
- 7101540- [Targeted retrograde gene delivery to motor neurons](#)
- 7174325- [Neural processor](#)
- 7179813- [Bicyclic indolyl derivatives and methods for their use as serotonergic agents](#)
- 7186881- [Testing compounds for effects on synaptophysin in transgenic mice expressing an Alzheimer's disease FAD DNA sequence](#)
- 7575880- [Method of screening an antibody for activity in clearing an amyloid deposit](#)
- 7577472- [MRI method for producing an index indicative of brain disorders](#)
- 7588766- [Treatment of amyloidogenic disease](#)
- 6998118- [Targeted retrograde gene delivery for neuronal protection](#)
- 6982084- [Prevention and treatment of amyloidogenic disease](#)
- 6972127- [Prevention and treatment of amyloidogenic disease](#)
- 6875434- [Methods of treatment of Alzheimer's disease](#)
- 6882881- [Techniques using heat flow management, stimulation, and signal analysis to treat medical disorders](#)
- 6890535- [Pharmaceutical compositions and methods for treatment of amyloid diseases](#)
- 6890727- [Diagnostic assay for Alzheimer's disease: assessment of A.beta. abnormalities](#)
- 6905686- [Active immunization for treatment of alzheimer's disease](#)
- 6913745- [Passive immunization of Alzheimer's disease](#)
- 6923964- [Active immunization of AScr for prion disorders](#)
- 6936246- [Passive immunization of ASCR for prion disorders](#)
- 6946135- [Prevention and treatment of amyloidogenic disease](#)
- 6962707- [Prevention and treatment of amyloidogenic disease](#)
- 7603174- [Stimulation of the amygdalohippocampal complex to treat neurological conditions](#)

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