

Efferent Pathways

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Recent Publications on Efferent Pathways:

- [Altered gravity affects ventral root activity during fictive swimming and the static vestibuloocular reflex in young tadpoles \(*Xenopus laevis*\).](#)
*During early periods of life, modifications of the gravitational...*4th October, 2008
Gravitational Physiology, Institute of Neurobiology, Ulm University, Ulm,- Arch Ital Biol. 2008 Mar;146(1):1-20.
- [Participation of mu-opioid, GABA\(B\), and NK1 receptors of major pain control medullary areas in pathways targeting the rat spinal cord: implications for descending modulation of nociceptive transmission.](#)
*Several brain areas modulate pain transmission through direct projections...*3rd October, 2008
Institute of Histology and Embryology, Faculdade de Medicina, Universidade- J Comp Neurol. 2008 Sep 10;510(2):175-87. ([DOI Direct Link](#))
- [Bypassing Spinal Cord Injury: Surgical Reconstruction of Afferent and Efferent Pathways to the Urinary Bladder after Conus Medullaris Injury in a Rat Model.](#)
*Afferent and efferent nerve function in the atonic bladder caused by conus...*1st October, 2008
Department of Orthopedic Surgery, Changzheng Hospital, The Second Military- J Reconstr Microsurg. 2008 Sep 29. ([DOI Direct Link](#))
- [Transcriptional mechanisms controlling motor neuron diversity and connectivity.](#)
*The control of movement relies on the precision with which motor circuits...*1st October, 2008
Biozentrum, Department of Cell Biology, University of Basel, Basel,- Curr Opin Neurobiol. 2008 Feb;18(1):36-43. Epub 2008 Jun 2. ([DOI Direct Link](#))
- [Delayed death of identified reticulospinal neurons after spinal cord injury in lampreys.](#)
*There is controversy about whether axotomized neurons undergo death or...*25th September, 2008
Department of Neurology, University of Pennsylvania School of Medicine,- J Comp Neurol. 2008 Sep 20;510(3):269-82. ([DOI Direct Link](#))
- [Do children with autism 'switch off' to speech sounds? An investigation using event-related potentials.](#)
*Autism is a disorder characterized by a core impairment in social...*25th September, 2008
Department of Experimental Psychology, Oxford University, UK.- Dev Sci. 2008 Jul;11(4):516-24. ([DOI Direct Link](#))
- [Descending pathways in motor control.](#)
*Each of the descending pathways involved in motor control has a number of...*20th September, 2008
Sobell Department of Motor Neuroscience and Movement Disorders, Institute- Annu Rev Neurosci. 2008;31:195-218. ([DOI Direct Link](#))
- [Clinical features of dystonia: a pathophysiological revisit.](#)

- PURPOSE OF REVIEW: To elucidate the pathophysiology of some clinical...* 19th September, 2008
Dipartimento di Neuroscienze, Scienze Psichiatriche ed Anestesiologiche,- Curr Opin Neurol. 2008 Aug;21(4):484-90. ([DOI Direct Link](#))
- [Accurate reaching after active but not passive movements of the hand: evidence for forward modeling.](#)
Converging behavioral findings support recent models of motor control... 17th September, 2008
University of Pennsylvania, Philadelphia, PA 19104, USA.- Behav Neurol. 2008;19(3):117-25.
 - [Structural and diffusion tensor imaging of the fornix in childhood- and adolescent-onset schizophrenia.](#)
OBJECTIVE: There is emerging evidence that aberrations in the integrity of... 3rd September, 2008
University of Minnesota, Minneapolis, MN 55454, USA.- J Am Acad Child Adolesc Psychiatry. 2008 Jul;47(7):826-32. ([DOI Direct Link](#))
 - [Collapsin response mediator protein-4 \(CRMP-4\) expression in posthatching development of song control nuclei in Bengalese finches.](#)
CRMP-4 is regarded to play a role in neuronal differentiation, neurite... 20th August, 2008
Key Laboratory for Cell Proliferation and Regulation Biology, Ministry of- Brain Res Bull. 2008 Aug 15;76(6):551-8. Epub 2008 Jun 2. ([DOI Direct Link](#))
 - [Coincident activity of converging pathways enables simultaneous long-term potentiation and long-term depression in hippocampal CA1 network in vivo.](#)
Memory is believed to depend on activity-dependent changes in the strength... 7th August, 2008
Key Laboratory of Animal Models and Human Disease Mechanisms, Kunming- PLoS ONE. 2008 Aug 6;3(8):e2848. ([DOI Direct Link](#))
 - [Evaluation of genitofemoral nerve motor conduction in inguinoscrotal pathologies.](#)
AIM: Inguinoscrotal pathologies are commonly seen in childhood. The... 5th August, 2008
Kirikkale University Medical Faculty, Department of Pediatric Surgery,- J Pediatr Surg. 2008 Aug;43(8):1540-2. ([DOI Direct Link](#))
 - [Direct and indirect striatal efferent pathways are differentially influenced by low and high dyskinetic drugs: behavioural and biochemical evidence.](#)
Clinical evidence suggests that stimulation of the D(1) rather than D(2)... 28th June, 2008
Department of Toxicology, University of Cagliari, via Ospedale 72,- Parkinsonism Relat Disord. 2008;14 Suppl 2:S165-8. Epub 2008 Jun 25. ([DOI Direct Link](#))
 - [Selective motor imagery defect in patients with locked-in syndrome.](#)
Recent studies indicate that motor imagery is subserved by activation of... 6th June, 2008
Neuropsychology Laboratory, Department of Psychology, Second University of- Neuropsychologia. 2008 Sep;46(11):2622-8. Epub 2008 Apr 30. ([DOI Direct Link](#))

BioNews Results for Efferent Pathways

- [Pathway Medical Technologies Demonstrates Commitment to Atherectomy Innovation at Transcatheter Cardiovascular](#)
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- [Human Orbital Sympathetic Nerve Pathways](#)

- MDLinx: Sep 29 2008 9:37PM Matching: pathways
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LabTechnologist.com: Sep 28 2008 5:55PM Matching: pathways
 - [Cancer victim's cash battle CANCER victim Keith Arden ' who may only have less than a year to live ' i](#)
Pontefract & Castleford Express: Sep 27 2008 12:25PM Matching: pathways
 - [\[RESEARCH ARTICLES\] Core Signaling Pathways in Human Pancreatic Cancers Revealed by Global Genomic Analyses](#)
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 - [Independent Brain Pathways Generate Positive Or Negative Reappraisals Of Emotional Events](#)
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 - [Elias A. Zerhouni to End Tenure as Director of the National Institutes of Health](#)
Pharma Live: Sep 24 2008 4:05PM Matching: pathways
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Efferent Pathways Patents:



- 7403819- [Parasympathetic nerve stimulation for control of AV conduction](#)
- 6668191- [Apparatus and method for electrical stimulation adjunct \(add-on\) therapy of atrial fibrillation, inappropriate sinus tachycardia, and refractory hypertension with an external stimulator](#)
- 6662052- [Method and system for neuromodulation therapy using external stimulator with wireless communication capabilities](#)
- 6615081- [Apparatus and method for adjunct \(add-on\) treatment of diabetes by neuromodulation with an external stimulator](#)
- 6611715- [Apparatus and method for neuromodulation therapy for obesity and compulsive eating disorders using an implantable lead-receiver and an external stimulator](#)
- 6564102- [Apparatus and method for adjunct \(add-on\) treatment of coma and traumatic brain injury with neuromodulation using an external stimulator](#)
- 6380176- [Method for inhibiting non-intentional behavior with a running neuron inhibitory substance](#)
- 6366814- [External stimulator for adjunct \(add-on\) treatment for neurological, neuropsychiatric, and urological disorders](#)
- 6356788- [APPARATUS AND METHOD FOR ADJUNCT \(ADD-ON\) THERAPY FOR DEPRESSION, MIGRAINE, NEUROPSYCHIATRIC DISORDERS, PARTIAL COMPLEX EPILEPSY, GENERALIZED EPILEPSY AND INVOLUNTARY MOVEMENT DISORDERS UTILIZING AN EXTERNAL STIMULATOR](#)
- 6213956- [Methods and apparatus for diagnosing and remediating reading disorders](#)
- 6045515- [Methods and apparatus for diagnosing and remediating reading disorders](#)
- 5147294- [Therapeutic method for reducing chronic pain in a living subject](#)

- 5061234- [Magnetic neural stimulator for neurophysiology](#)
- 4837049- [Method of making an electrode array](#)
- 6706704- [Method of inducing opioid analgesia and anesthesia without respiratory suppression](#)
- 6760626- [Apparatus and method for treatment of neurological and neuropsychiatric disorders using programmerless implantable pulse generator system](#)
- 6775573- [Electrical method to control autonomic nerve stimulation of gastrointestinal tract](#)
- 7369897- [Method and system of remotely controlling electrical pulses provided to nerve tissue\(s\) by an implanted stimulator system for neuromodulation therapies](#)
- 7313442- [Method of treating mood disorders and/or anxiety disorders by brain stimulation](#)
- 7277761- [Vagal stimulation for improving cardiac function in heart failure or CHF patients](#)
- 7225017- [Parasympathetic nerve stimulation for ICD and/or ATP patients](#)
- 7199110- [Method of treatment for spinal cord injury](#)
- 7162303- [Renal nerve stimulation method and apparatus for treatment of patients](#)
- 7139607- [Arrhythmia discrimination](#)
- 7123961- [Stimulation of autonomic nerves](#)
- 7076307- [Method and system for modulating the vagus nerve \(10th cranial nerve\) with electrical pulses using implanted and external components, to provide therapy neurological and neuropsychiatric disorders](#)
- 7022476- [Human Fc.gamma.RIIB gene polymorphisms for assessing development of systemic lupus erythematosus and compositions for use thereof](#)
- 6973350- [Diagnosis of atrial fusion, atrial pseudofusion and/or native atrial activity](#)
- 6937896- [Sympathetic nerve stimulator and/or pacemaker](#)
- 6879859- [External pulse generator for adjunct \(add-on\) treatment of obesity, eating disorders, neurological, neuropsychiatric, and urological disorders](#)
- 4432787- [Concentrated emetic herbicidal composition and method for the preparation thereof](#)

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