

Schwann Cells

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Recent Publications on Schwann Cells:

- [Up-regulation of matrix metalloproteinase-3 in the dorsal root ganglion of rats with paclitaxel-induced neuropathy.](#)
*Paclitaxel-induced painful peripheral neuropathy is a major dose-limiting...*30th August, 2008
Department of Clinical Pharmacy and Pharmacology, Graduate School of- Cancer Sci. 2008 Aug;99(8):1618-25. ([DOI Direct Link](#))
- [C-type natriuretic peptide is a Schwann cell-derived factor for development and function of sensory neurones.](#)
*Cyclic GMP (cGMP) is known to play important roles for neuronal...*30th August, 2008
Department of Biochemistry, National Cardiovascular Center Research- J Neuroendocrinol. 2008 Aug 22. ([DOI Direct Link](#))
- [Delayed implantation of intramedullary chitosan channels containing nerve grafts promotes extensive axonal regeneration after spinal cord injury.](#)
*OBJECTIVE: We describe a new strategy to promote axonal regeneration after...*30th August, 2008
Toronto Western Research Institute, Toronto Western Hospital, Toronto,- Neurosurgery. 2008 Jul;63(1):127-41; discussion 141-3. ([DOI Direct Link](#))
- [Nerve repair: Experimental and clinical evaluation of neurotrophic factors in peripheral nerve regeneration.](#)
*Neurotrophic factors are a family of polypeptides required for survival of...*30th August, 2008
Department of Anatomy, Histology & Embryology, University of Ioannina,- Injury. 2008 Aug 22. ([DOI Direct Link](#))
- [Vestibular schwannoma quantitative polymerase chain reaction expression of estrogen and progesterone receptors.](#)
*OBJECTIVES/HYPOTHESIS: Determine the role of estrogen receptor (ER) and...*21st August, 2008
Department of Surgery, Division of Otolaryngology, Head and Neck Surgery,- Laryngoscope. 2008 Aug;118(8):1458-63. ([DOI Direct Link](#))
- [Hypothesis of double polarization.](#)
*Mutations in a large number of genes that encode ubiquitously expressed...*19th August, 2008
Department of Neurology, John D. Dingell VA Medical Center, Wayne State- J Neurol Sci. 2008 Aug 13. ([DOI Direct Link](#))
- [Schwann cells modulate short-term plasticity of cholinergic autaptic synapses.](#)
*Nicotinic synapses in the autonomous nervous system display use-dependent...*16th August, 2008
IDIBELL-Universitat de Barcelona.- J Physiol. 2008 Aug 14. ([DOI Direct Link](#))
- [Topology of Schwann Cells and Sympathetic Innervation along Preglomerular vessels. A Confocal](#)

[Microscopic Study in Protein S100B / EGFP Transgenic Mice.](#)

*Schwann cells (Sc), associated axons, and nearby vascular endothelium...*15th August, 2008
Groupe Rein et Hypertension (EA3127 Institut Universitaire de Recherche- Am J Physiol Renal Physiol. 2008 Aug 13. ([DOI Direct Link](#))

- [Magnetic resonance imaging evaluation of acute crush injury of rabbit sciatic nerve: correlation with histology.](#)

*OBJECTIVE: To investigate the relation between the quantitative assessment...*14th August, 2008
Department of Radiology, the First Affiliated Hospital of Guangzhou- Can Assoc Radiol J. 2008 Jun;59(3):123-30.

- [Expression and localization of Ski determine cell type-specific TGFbeta signaling effects on the cell cycle.](#)

*Transforming growth factor beta (TGFbeta) promotes epithelial cell...*13th August, 2008
Department of Biology, Institute of Cell Biology, ETH Zurich, CH-8093- J Cell Biol. 2008 Aug 11;182(3):519-30. ([DOI Direct Link](#))

- [The effects of FGF-2 gene therapy combined with voluntary exercise on axonal regeneration across peripheral nerve gaps.](#)

*Studies were conducted to determine the possibility that voluntary...*12th August, 2008
Hannover Medical School, Institute of Neuroanatomy and Center for Systems- Neurosci Lett. 2008 Aug 3. ([DOI Direct Link](#))

- [Vasoactive intestinal peptide inhibits toll-like receptor 3-induced nitric oxide production in Schwann cells and subsequent sensory neuronal cell death in vitro.](#)

*We have previously reported that polyinosinic-polycytidylic acids...*7th August, 2008
Program in Molecular and Cellular Neuroscience, DRI, and Department of- J Neurosci Res. 2008 Aug 5. ([DOI Direct Link](#))

- [\[Mechanism of rat sciatic nerve regeneration induced by human hair keratin.\]](#)

*OBJECTIVE: To evaluate the effect of human hair keratin (HHK) in...*5th August, 2008
Key Laboratory of Hepatopathy, 458 Hospital of PLA, Guangzhou 510602,- Nan Fang Yi Ke Da Xue Xue Bao. 2008 Jul;28(7):1136-40.

- [Reduced NGF secretion by Schwann cells under the high glucose condition decreases neurite outgrowth of DRG neurons.](#)

*BACKGROUND: Schwann cells (SCs) have been supposed to play prominent roles...*5th August, 2008
Division of Endocrinology and Diabetes, Department of Internal Medicine,- Exp Neurol. 2008 Jul 9. ([DOI Direct Link](#))

- [Brain-derived neurotrophic factor suppresses anoikis-induced death of Schwann cells.](#)

*Anoikis is a type of apoptosis due to the detachment from the...*2nd August, 2008
Department of Orthopaedic Surgery, Chiba Aoba Municipal Hospital, 1273-2- Neurosci Lett. 2008 Jul 24. ([DOI Direct Link](#))

Schwann Cells Patents:



- 7361505- [Multipotent neural stem cell compositions](#)
- 7371741- [Estradiol derivatives and pharmaceutical compositions using same](#)
- 7374774- [Electroprocessed material made by simultaneously electroprocessing a natural protein polymer and two synthetic polymers](#)

- 7381413- [Methods and products related to metabolic interactions in disease](#)
- 7381745- [Ligands for metabotropic glutamate receptors and inhibitors of NAALADase](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7381809- [Compositions and methods for the treatment of immune related diseases](#)
- 7381840- [Tetrahydro-naphthalene derivatives](#)
- 7381848- [Estrogenic compounds as anti-mitotic agents](#)
- 7384756- [Methods for treating muscle diseases and disorders](#)
- 7385034- [Complementary DNAs encoding proteins with signal peptides](#)
- 7371734- [Oligonucleotide compositions and their use for the modulation of immune responses](#)
- 7371719- [Self-assembly of peptide-amphiphile nanofibers under physiological conditions](#)
- 7371576- [CD56 positive human adult pancreatic endocrine progenitor cells](#)
- 7361506- [Differentiation of specialized dermal and epidermal cells into neuronal cells](#)
- 7364865- [Antibodies to myeloid progenitor inhibitory factor-1 \(MPIF-1\)](#)
- 7364906- [Products and methods for single parameter and multiparameter phenotyping of cells](#)
- 7365157- [PRO9912 polypeptides](#)
- 7367988- [Use of electromagnetic fields in cancer and other therapies](#)
- 7368115- [Method of enhancing neural stem cell proliferation, differentiation, and survival using pituitary adenylate cyclase activating polypeptide \(PACAP\)](#)
- 7368284- [Porcine CMP-N-Acetylneuraminic acid hydroxylase gene](#)
- 7369900- [Neural bridge devices and methods for restoring and modulating neural activity](#)
- 7371376- [Anti-ErbB2 antibodies](#)
- 7371559- [Peptides and related molecules that modulate nerve growth factor activity](#)
- 7387885- [Growth factor homolog zveg3 polynucleotides](#)
- 7388124- [Non-traumatic model for neurogenic pain](#)
- 7402319- [Cell-free tissue replacement for tissue engineering](#)
- 7402726- [Methods and compositions for screening for modulators of Parkinson's disease](#)
- 7405053- [Materials and methods relating to G-protein coupled receptor oligomers](#)
- 7405300- [Substituted indoles as inhibitors of poly \(ADP-ribose\) polymerase \(PARP\)](#)
- 7407763- [Systems and methods for detecting and regulating metastasis](#)
- 7408028- [Peptides, antibodies thereto, and their use in treatment of central nervous system, damage](#)
- 7408029- [Peptide epitopes recognized by disease promoting CD4+ T lymphocytes](#)
- 7408031- [Peptide epitopes recognized by disease promoting CD4+ T lymphocytes](#)
- 7410797- [Meningeal-derived stem cells](#)
- 7413734- [Treatment of retinitis pigmentosa with human umbilical cord cells](#)
- 7399634- [Method of preparing basement membrane, method of constructing basement membrane specimen, reconstituted artificial tissue using the basement membrane specimen and process for producing the same](#)
- 7399599- [Ion channel assay methods](#)
- 7396908- [OAF065alpha and OAF065beta polypeptides](#)
- 7390526- [Methods and materials for nanocrystalline surface coatings and attachment of peptide amphiphile nanofibers thereon](#)
- 7390619- [Optimization of immunomodulatory properties of genetic vaccines](#)
- 7390632- [Soluble ErbB3 receptor isoforms](#)
- 7390659- [Methods for inducing differentiation of embryonic stem cells and uses thereof](#)
- 7390782- [Methods and products related to metabolic interactions in disease](#)
- 7392140- [Cellular fibronectin as a diagnostic marker in stroke and methods of use thereof](#)
- 7393532- [Modulation of T cell differentiation for the treatment of T helper cell mediated diseases](#)
- 7393657- [Diagnosis and treatment of cancer: I](#)
- 7396654- [Neural proteins as biomarkers for traumatic brain injury](#)
- 7396848- [Neurotrophin production/secretion promoting agent](#)
- 7416885- [Proliferated cell lines and uses thereof](#)

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