

## Neural Crest

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### Recent Publications on Neural Crest:

- [A novel study of Copy Number Variations in Hirschsprung disease using the Multiple Ligation-dependent Probe Amplification \(MLPA\) technique.](#)  
*ABSTRACT: BACKGROUND: Hirschsprung disease (HSCR) is a congenital...* 21st November, 2009  
- BMC Med Genet. 2009 Nov 19;10(1):119. ([DOI Direct Link](#))
- [Development of the viscerocranial skeleton during embryogenesis of the sea lamprey, \*Petromyzon Marinus\*.](#)  
*Evolution of the skeleton was a key transition in early vertebrates....* 20th November, 2009  
Department of Zoology, University of Oklahoma, Norman, Oklahoma.- Dev Dyn. 2009 Nov 18;238(12):3126-3138. ([DOI Direct Link](#))
- [Reprogramming of melanoma cells by embryonic microenvironments.](#)  
*In recent years, the reversion of the cancer phenotype of human melanoma...* 20th November, 2009  
Laboratory of Stem Cells, Development and Cancer. Department of Cell- Int J Dev Biol. 2009;53(8-9-10):1563-1568. ([DOI Direct Link](#))
- [Neuropilin ligands in vascular and neuronal patterning.](#)  
*Blood vessels and neurons share guidance cues and cell-surface receptors...* 17th November, 2009  
UCL Institute of Ophthalmology, 11-43 Bath Street, London EC1V 9EL, U.K.- Biochem Soc Trans. 2009 Dec;37(Pt 6):1228-32. ([DOI Direct Link](#))
- [Embryonic stem cells as a model for studying melanocyte development.](#)  
*Melanocytes are neural crest-derived pigment-producing cells that reside...* 13th November, 2009  
The Wistar Institute, Philadelphia, PA, USA.- Methods Mol Biol. 2010;584:301-16. ([DOI Direct Link](#))
- [Generation of neural crest cells and peripheral sensory neurons from human embryonic stem cells.](#)  
*Peripheral somatic sensory neurons (PSNs) are responsible for the critical...* 13th November, 2009  
Gonda Research Center, Faculty of Life Sciences, Bar-Ilan University,- Methods Mol Biol. 2010;584:283-300. ([DOI Direct Link](#))
- [The human nose harbours a niche of olfactory ecto-mesenchymal stem cells displaying neurogenic and osteogenic properties.](#)  
*We previously identified multipotent stem cells within the lamina propria...* 13th November, 2009  
NICN CNRS UMR 6184, IFR Jean Roche, Faculte de Medecine, Bd P Dramard,- Stem Cells Dev. 2009 Nov 11. ([DOI Direct Link](#))
- [Evaluating the differentiation of mouse Neuro 2A cells into dopamine neurons.](#)  
*Neuro 2A (N2a) is a mouse neural crest-derived cell line that has been...* 12th November, 2009  
Neurogenesis and Brain Repair Group, Neurobiology Program, Institute for- J Neurosci Methods. 2009 Nov 7. ([DOI Direct Link](#))

- [Plasticity of stem cells derived from adult periodontal ligament.](#)  
*BACKGROUND: The neural crest contains pluripotent cells that can give rise...*12th November, 2009  
Department of Biomedical Engineering, University of Miami, Coral Gables,- Regen Med. 2009  
Nov;4(6):809-21. ([DOI Direct Link](#))
- [Dynamic expression of Six family genes in the dental mesenchyme and the epithelial ameloblast stem/progenitor cells during murine tooth development.](#)  
*Abstract Six family transcription factor genes play multiple and crucial...*11th November, 2009  
Division of Orthodontics and Dentofacial Orthopedics, Tohoku University- J Anat. 2009 Nov 9. ([DOI Direct Link](#))
- [Multipotent skin-derived precursors: from biology to clinical translation.](#)  
*Skin-derived precursor cells (SKPs) are a novel population of neural...*10th November, 2009  
Euan MacDonald Centre, Centre for Clinical Brain Sciences, University of- Curr Opin Biotechnol. 2009  
Nov 5. ([DOI Direct Link](#))
- [FoxO genes are dispensable during gastrulation but required for late embryogenesis in Xenopus laevis.](#)  
*Forkhead box (Fox) transcription factors of subclass O are involved in...*10th November, 2009  
Institute of Biochemistry, University of Ulm, Albert-Einstein-Allee 11,- Dev Biol. 2009 Nov 3. ([DOI Direct Link](#))
- [Characterization of molecular markers to assess cardiac cushions formation in Xenopus.](#)  
*The valves and septa of the mature heart are derived from the cardiac...*6th November, 2009  
Department of Oral Anatomy, School of Dentistry, Chonbuk National- Dev Dyn. 2009 Nov  
3;238(12):3257-3265. ([DOI Direct Link](#))
- [Neuroembryology and functional anatomy of craniofacial clefts.](#)  
*The master plan of all vertebrate embryos is based on neuroanatomy. The...*4th November, 2009  
Division of Plastic and Reconstructive Surgery, Department of Surgery at- Indian J Plast Surg. 2009  
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- [Allelic loss of chromosomes 8 and 19 in MENX-associated rat pheochromocytoma.](#)  
*Pheochromocytomas are neoplasias of neural crest origin that arise from...*31st October, 2009  
Institute of Pathology, Helmholtz Zentrum Munchen-German Research Center- Int J Cancer. 2009 Oct  
28. ([DOI Direct Link](#))

## BioNews Results for Neural Crest

- [Self-regulation of Stat3 activity coordinates cell-cycle progression and neural crest specification](#)  
*EMBO Journal: Oct 22 2009 3:06PM Matching: neural crest*
- [Stem Cells with Neural Crest Characteristics Derived from the Bulge Region of Cultured Human Hair Follicles](#)  
*MDLinx: Oct 19 2009 11:18AM Matching: neural crest*
- [Stem Cells with Neural Crest Characteristics Derived from the Bulge Region of Cultured Human Hair Follicles](#)  
*Nature Chemical Biology: Oct 15 2009 9:28AM Matching: neural crest*
- [Generating teeth from bone marrow cells](#)  
*PharmCast: Oct 2 2009 4:13AM Matching: neural crest*



## Neural Crest Patents:

- 7553484- [Modulating neuronal outgrowth via the major histocompatibility complex class I \(MHC I\) molecule](#)
- 7572829- [Pharmaceutical compositions useful in prevention and treatment of Beta-amyloid protein-induced disease](#)
- 7575881- [Modulation of nitric oxide signaling through signaling through specific regulation by arginylation and the N-end rule pathway](#)
- 7576065- [Enhancing neurotrophin-induced neurogenesis by endogenous neural progenitor cells by concurrent overexpression of brain derived neurotrophic factor and an inhibitor of a pro-gliogenic bone morphogenetic protein](#)
- 7576084- [Reverse-turn mimetics and method relating thereto](#)
- 7576186- [Compositions and methods for stem cell delivery](#)
- 7579168- [Human Dickkopf-related nucleic acid molecules](#)
- 7579313- [Transglutaminase inhibitors and methods of use thereof](#)
- 7582313- [Methods of organ regeneration using Hox 11-expressing pluripotent cells](#)
- 7582438- [EphB receptor-binding peptides](#)
- 7585501- [Compositions and methods for treating kidney disease](#)
- 7572580- [Promoter variants of the alpha-7 nicotinic acetylcholine receptor](#)
- 7566711- [Reverse-turn mimetics and method relating thereto](#)
- 7566566- [Materials and methods involving hybrid vascular endothelial growth factor DNAs and proteins](#)
- 7553659- [CHD5 encoding nucleic acids, polypeptides, antibodies and methods of use thereof](#)
- 7556801- [Human cord blood derived unrestricted somatic stem cells \(USSC\)](#)
- 7557078- [Morphogen-induced nerve regeneration and repair](#)
- 7557187- [Purified SR-p70 protein](#)
- 7557192- [Anti-PRO335 antibodies](#)
- 7557196- [hGC-1, a gene encoding a member of the olfactomedin-related protein family](#)
- 7560253- [HLS-5 tumor suppressor factor](#)
- 7560280- [Human cord blood derived unrestricted somatic stem cells \(USSC\)](#)
- 7563278- [Drug-eluting intravascular prostheses and methods of use](#)
- 7566536- [WNT-regulated cytokine-like polypeptide and nucleic acids encoding same](#)
- 7585653- [Oncokinase fusion polypeptides associated with hyperproliferative and related disorders, nucleic acids encoding the same and methods for detecting and identifying the same](#)
- 7585671- [Hedgehog interacting proteins and uses related thereto](#)
- 7604944- [Oncokinase fusion polypeptides associated with hyperproliferative and related disorders, nucleic acids encoding the same and methods for detecting and identifying the same](#)
- 7605167- [Use of cyclopamine in the treatment of psoriasis](#)
- 7605185- [Treatment of arrhythmia by retinoids affecting signal transduction](#)
- 7608259- [Methods of cancer diagnosis and therapy targeted against a cancer stem line](#)
- 7610074- [Multi-functional plasmon-resonant contrast agents for optical coherence tomography](#)
- 7611708- [Methods of therapy for B-cell malignancies using antagonist anti-CD40 antibodies](#)
- 7611711- [VEGFR-3 inhibitor materials and methods](#)
- 7611832- [Human G protein-coupled receptor and modulators thereof for the treatment of ischemic heart disease and congestive heart failure](#)
- 7612164- [Cardiac muscle function and manipulation](#)
- 7619062- [PRO214 polypeptides](#)

- 7601740- [Selective serotonin 2A/2C receptor inverse agonists as therapeutics for neurodegenerative diseases](#)
- 7601532- [Microarray for predicting the prognosis of neuroblastoma and method for predicting the prognosis of neuroblastoma](#)
- 7601352- [Monoclonal antibodies and antigen binding fragments thereof capable of binding TrkA and inhibiting the functional activation of TrkA](#)
- 7585862- [Reverse-turn mimetics and method relating thereto](#)
- 7585962- [Multimerized enhancer domains for cell-specific expression](#)
- 7588901- [Modulation of angiogenesis through targeting of arginyl transferase \(ATE1\)](#)
- 7588936- [Generating teeth from bone marrow cells](#)
- 7589112- [Methylene urea derivatives](#)
- 7592319- [Uses of DNA-PK](#)
- 7595044- [Artery-and vein-specific proteins and uses therefor](#)
- 7595194- [Isolation of mammalian CNS glial-restricted precursor cells](#)
- 7597886- [Tumor necrosis factor-gamma](#)
- 7598275- [Nicotine in therapeutic angiogenesis and vasculogenesis](#)
- 7619065- [Cystine-knot fold protein](#)

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