

Merkel Cells

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Recent Publications on Merkel Cells:



- [Epidermal progenitors give rise to Merkel cells during embryonic development and adult homeostasis.](#)
*Merkel cells (MCs) are located in the touch-sensitive area of the...*18th November, 2009
Institut de Recherche Interdisciplinaire en Biologie Humaine et- J Cell Biol. 2009 Oct 5;187(1):91-100.
Epub 2009 Sep 28. ([DOI Direct Link](#))
- [Rat Merkel cells are mechanoreceptors and osmoreceptors.](#)
*Merkel cells (MCs) associated with nerve terminals constitute MC-neurite...*10th November, 2009
University of Brest, European University of Brittany, Laboratory on- PLoS One. 2009 Nov 9;4(11):e7759. ([DOI Direct Link](#))
- [Chronic lymphocytic leukaemia patients have a high risk of Merkel-cell polyomavirus DNA-positive Merkel-cell carcinoma.](#)
*BACKGROUND: Immunosuppression and Merkel-cell polyomavirus (MCPyV)...*29th October, 2009
Department of Plastic Surgery, Helsinki University Central Hospital,- Br J Cancer. 2009 Oct 20;101(8):1444-7. Epub 2009 Sep 15. ([DOI Direct Link](#))
- [Development and neuronal dependence of cutaneous sensory nerve formations: Lessons from neurotrophins.](#)
*Null mutations of genes from the NGF family of NTs and their receptors...*20th October, 2009
Departamento de Ciencias de la Salud, Universidad Catolica "San Antonio,"- Microsc Res Tech. 2009 Oct 16. ([DOI Direct Link](#))
- [Distribution and ultrastructure of Merkel cell of the fishing bat \(Myotis ricketti\).](#)
*The distribution and ultrastructure of Merkel cells were described in...*6th October, 2009
Institute of Zoology, Chinese Academy of Sciences, Beijing 100101, China.- Sci China C Life Sci. 2009 Sep;52(9):802-6. Epub 2009 Oct 6. ([DOI Direct Link](#))
- [An organotypic culture system of Merkel cells using isolated epidermal sheets.](#)
*Summary Background Merkel cells (MCs) exist in the epidermal basal layer,...*3rd October, 2009
Department of Pathology and Microbiology, Faculty of Medicine, Saga- Br J Dermatol. 2009 Jul 18. ([DOI Direct Link](#))
- [Mammalian Merkel cells are descended from the epidermal lineage.](#)
*Merkel cells are specialized cells in the skin that are important for...*29th September, 2009
Department of Pediatrics, Case Western Reserve University, Cleveland, OH- Dev Biol. 2009 Dec 1;336(1):76-83. Epub 2009 Sep 25. ([DOI Direct Link](#))
- [The cutaneous intrinsic visceral afferent nervous system: a new model for acupuncture analgesia.](#)
*The mechanism of acupuncture, whilst not known with certainty, has...*22nd September, 2009
Department of Imaging and Applied Physics, Curtin University of- J Theor Biol. 2009 Dec

- 21;261(4):637-42. Epub 2009 Sep 16. ([DOI Direct Link](#))
- [Merkel cell carcinoma: recent progress and current priorities on etiology, pathogenesis, and clinical management.](#)
*PURPOSE: To expedite improved understanding, diagnosis, treatment, and...*4th September, 2009 - J Clin Oncol. 2009 Aug 20;27(24):4021-6. Epub 2009 Jul 13. ([DOI Direct Link](#))
 - [Merkel cell polyomavirus strains in patients with merkel cell carcinoma.](#)
*We investigated whether Merkel cell carcinoma (MCC) patients in France...*3rd September, 2009 Institut National de la Sante et de la Recherche Medicale, Unit 618,- Emerg Infect Dis. 2009 Jun;15(6):960-2.
 - [Merkel cell polyomavirus DNA in tumor-free tonsillar tissues and upper respiratory tract samples: implications for respiratory transmission and latency.](#)
*BACKGROUND: Merkel cell polyomavirus (MCPyV) was discovered recently. It...*3rd September, 2009 Department of Virology, Haartman Institute, University of Helsinki, P.O.- J Clin Virol. 2009 Aug;45(4):292-5. Epub 2009 May 22. ([DOI Direct Link](#))
 - [Evidence for distinct populations of human Merkel cells.](#)
*Merkel cells (MCs) are neuroendocrine cells of unknown origin located in...*1st September, 2009 Department of Dermatology and Venerology, University Hospital- Histochem Cell Biol. 2009 Jul;132(1):83-93. Epub 2009 Mar 25. ([DOI Direct Link](#))
 - [Merkel cells as putative regulatory cells in skin disorders: an in vitro study.](#)
*Merkel cells (MCs) are involved in mechanoreception, but several lines of...*12th August, 2009 University of Brest, EA4326, Brest, France.- PLoS One. 2009 Aug 11;4(8):e6528. ([DOI Direct Link](#))
 - [Non-competitive metabotropic glutamate 1 receptor antagonists block activity of slowly adapting type I mechanoreceptor units in the rat sinus hair follicle.](#)
*Previous studies suggested that Group I metabotropic glutamate (mGlu)...*15th July, 2009 Department of Psychology, University of Stirling, Stirling FK9 4LA,- Neuroscience. 2009 Oct 20;163(3):933-41. Epub 2009 Jul 28. ([DOI Direct Link](#))
 - [Merkel cells are essential for light-touch responses.](#)
*The peripheral nervous system detects different somatosensory stimuli,...*1st July, 2009 Department of Pediatrics, Baylor College of Medicine, Houston, TX 77030,- Science. 2009 Jun 19;324(5934):1580-2. ([DOI Direct Link](#))

Merkel Cells Patents:



- 6689351- [Use of GM-CSF to promote accelerated wound healing](#)
- 7053200- [Compositions and methods for the therapeutic use of an atonal-associated sequence for deafness, osteoarthritis, and abnormal cell proliferation](#)
- 7064186- [Cytokine zcytor17 ligand](#)
- 7091315- [Protein HDPBQ71](#)
- 7115582- [HoxD3 and HoxA3 compositions and methods for improved wound healing](#)
- 7157439- [HoxD3, HoxA3, and HoxB3 compositions and methods for improved wound healing](#)
- 7163797- [50 human secreted proteins](#)
- 7183057- [Tape stripping methods for analysis of skin disease and pathological skin state](#)
- 7192586- [Methods and compositions for treating or preventing skin disorders using binding agents specific for prostate specific membrane antigen](#)

- 7196164- [Secreted protein HHTLF25](#)
- 7206623- [Optical sampling interface system for in vivo measurement of tissue](#)
- 6974679- [Support with collagen base for tissue engineering and manufacture of biomaterials](#)
- 6953667- [Antibodies against human protein HUVDJ43](#)
- 6953662- [Follistatin-3](#)
- 6738652- [Classification and screening of test subjects according to optical thickness of skin](#)
- 6759396- [Compositions based on a synergistic mixture of at least one VDR ligand and a retinoid](#)
- 6774216- [Antibodies to secreted protein HCEJQ69](#)
- 6790454- [Processes for the preparation of novel collagen-based supports for tissue engineering, and biomaterials obtained](#)
- 6806351- [Secreted protein HBJFE12](#)
- 6838444- [Compositions and methods for the therapeutic use of an atonal-associated sequence for deafness, osteoarthritis, and abnormal cell proliferation](#)
- 6921644- [Follistatin-3](#)
- 6930590- [Modular electrotactile system and method](#)
- 6936691- [Secreted protein HCE3C63](#)
- 6951924- [Antibodies against secreted protein HTEBYII](#)
- 7208470- [Method of treating reproductive system cancer by administering follistatin-3](#)
- 7233816- [Optical sampling interface system for in vivo measurement of tissue](#)
- 7459531- [50 Human secreted proteins](#)
- 7470673- [Composition and methods for the therapeutic use of an atonal-associated sequence for deafness, osteoarthritis and abnormal cell proliferation](#)
- 7494804- [Polynucleotide encoding cytokine receptor zcytor17 multimer](#)
- 7507795- [Murine ZCYTOR17 ligand polypeptides](#)
- 7531636- [Antibodies to murine zcytor17 ligand](#)
- 7544670- [HoxD3, HoxA3 and HoxB3 compositions and methods for improved wound healing](#)
- 7560275- [Compositions and methods for generating skin](#)
- 7569215- [Mutant interleukin-2 \(IL-2\) polypeptides](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7601525- [Alginate gel scaffold having a plurality of continuous parallel microtubular copper capillaries](#)
- 7459293- [Cytokine zcytor17 ligand polynucleotides](#)
- 7452326- [User-friendly vibrostimulation device](#)
- 7442688- [Composition and methods for the therapeutic use of an atonal-associated sequence for deafness, osteoarthritis and abnormal cell proliferation](#)
- 7247442- [Antibodies to HHPEN62 polypeptide](#)
- 7297480- [Method for detection of melanoma](#)
- 7319138- [Human DRG11-Responsive Axonal Guidance and Outgrowth of Neurite \(DRAGON\) proteins and variants thereof](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7425325- [Cytokine zcytor17 ligand polypeptides](#)
- 7427595- [Use of proepithelin to promote wound repair and reduce inflammation](#)
- 7427602- [Sustained DNA delivery from structural matrices](#)
- 7606608- [Optical sampling interface system for in-vivo measurement of tissue](#)

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