

# Olfactory Mucosa

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## Recent Publications on Olfactory Mucosa:



- [Expression patterns of odorant receptors and response properties of olfactory sensory neurons in aged mice.](#)  
*The sense of smell deteriorates in normal aging, but the underling...*18th November, 2009  
Department of Neuroscience, University of Pennsylvania School of Medicine,- Chem Senses. 2009 Oct;34(8):695-703. ([DOI Direct Link](#))
- [Detection of explosives by olfactory sensory neurons.](#)  
*The response of olfactory sensory neurons to TNT and RDX as well as to...*17th November, 2009  
Department of Medical Biochemistry, Medical Biology and Medical Physics,- J Hazard Mater. 2009 Oct 23. ([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](#))
- [Conserved repertoire of orthologous vomeronasal type 1 receptor genes in ruminant species.](#)  
*BACKGROUND: In mammals, pheromones play an important role in social and...*3rd November, 2009  
Laboratory of Frontier Science, Tokyo Metropolitan Institute of Medical- BMC Evol Biol. 2009 Sep 15;9:233. ([DOI Direct Link](#))
- [Endothelin evokes distinct calcium transients in neuronal and non-neuronal cells of rat olfactory mucosa primary cultures.](#)  
*The olfactory system is regulated by several nervous and hormonal factors,...*29th October, 2009  
INRA, UMR1197 Neurobiologie de l'Olfaction et de la Prise Alimentaire,- Neuroscience. 2009 Oct 25. ([DOI Direct Link](#))
- [Response of the hammerhead shark olfactory epithelium to amino acid stimuli.](#)  
*Sharks and rays are highly sensitive to chemical stimuli in their natural...*16th October, 2009  
Department of Zoology, Hawaii Institute of Marine Biology, University of- J Comp Physiol A Neuroethol Sens Neural Behav Physiol. 2009 ([DOI Direct Link](#))
- [THE OLFACTORY SYSTEM IS AFFECTED BY STEROID AEROSOL TREATMENT IN MICE.](#)  
*Asthma needs continuous treatment often for years. In humans, some drugs...*6th October, 2009  
University of Padova, Italy.- Am J Physiol Lung Cell Mol Physiol. 2009 Oct 2. ([DOI Direct Link](#))
- [A novel biosynthetic hybrid scaffold seeded with olfactory ensheathing cells for treatment of spinal cord injuries.](#)  
*BACKGROUND: Implantation of tissue-engineered scaffolds is one of the most...*29th September, 2009

Department of Gastroenterology, People's Hospital of Jiangyin, Wuxi,- Chin Med J (Engl). 2009 Sep 5;122(17):2032-40.

- [\[Allografted olfactory mucosa gliocytes repair Wistar rats' sciatic nerve long defect.\]](#)  
*OBJECTIVE: To investigate whether or not allografted olfactory mucosa...*29th September, 2009  
Department of Orthopedics, Zhongshan Hospital Affiliated Fudan University,- Zhonghua Wai Ke Za Zhi. 2009 Aug 15;47(16):1253-6.
- [\[Immunolocalization of G-protein alpha subunits in the olfactory system of the cartilaginous fish Scyliorhinus canicula.\]](#)  
*In the olfactory and vomeronasal systems of vertebrates, the morphology of...*22nd September, 2009  
Department of Biology, University of Genoa, Genoa, Italy.- Anat Rec (Hoboken). 2009 Nov;292(11):1771-9. ([DOI Direct Link](#))
- [\[Electrical stimulation of the olfactory mucosa: An alternative treatment for the temporal lobe epilepsy?\]](#)  
*Epilepsy threatens the health of more than 50million people all over the...*19th September, 2009  
Department of Internal Neurology, Huashan Hospital Affiliated to Fudan- Med Hypotheses. 2009 Sep 15. ([DOI Direct Link](#))
- [\[Evidence for developmentally regulated local translation of odorant receptor mRNAs in the axons of olfactory sensory neurons.\]](#)  
*Odorant receptor mRNAs are transported within axons of olfactory sensory...*12th September, 2009  
Avenir/Inserm and Fondation pour la Recherche Medicale Team Development- J Neurosci. 2009 Aug 19;29(33):10184-90. ([DOI Direct Link](#))
- [\[PACS-1 mediates phosphorylation-dependent ciliary trafficking of the cyclic-nucleotide-gated channel in olfactory sensory neurons.\]](#)  
*Impaired ciliary protein transport in olfactory sensory neurons (OSNs)...*11th September, 2009  
Department of Pharmacology, University of Michigan, Ann Arbor, Michigan- J Neurosci. 2009 Aug 26;29(34):10541-51. ([DOI Direct Link](#))
- [\[The human olfactory mucosa.\]](#)  
*Studies of the tissues of the human olfactory mucosa have been performed...*29th August, 2009  
Faculdade de Ciencias Medicas, Hospital de Egas Moniz, Centro Hospitalar- Eur Arch Otorhinolaryngol. 2009 Nov;266(11):1675-80. ([DOI Direct Link](#))
- [\[Comparison of rat olfactory mucosal responses to carcinogenic and non-carcinogenic chloracetanilides.\]](#)  
*Alachlor and butachlor are chloracetanilide herbicides that induce...*28th August, 2009  
Department of Environmental Health and Center for Environmental Genetics- Food Chem Toxicol. 2009 Jan 28. ([DOI Direct Link](#))

## Olfactory Mucosa Patents:



- 6140316- [Estrene steroids as neurochemical initiators of change in human hypothalamic function and related pharmaceutical compositions](#)
- 6606567- [Methods for characterizing, classifying, and identifying unknowns in samples](#)
- 6646109- [Cloning and expression of a novel acetylcholine-gated ion channel receptor subunit](#)
- 6647980- [Method for administration of active substances to the olfactory region](#)
- 6649618- [Substituted amidoalkyl-uracils and their use](#)
- 6663857- [In vivo gene transfer using implanted retroviral producer cells](#)
- 6663858- [In Vivo gene transfer using implanted retroviral producer cells](#)

- 6678553- [Device for enhanced delivery of biologically active substances and compounds in an organism](#)
- 6713293- [Encapsulated cells containing an amplified expression vector as a drug delivery device](#)
- 6741954- [Selection method for odorants](#)
- 6753323- [Topical administration of amifostine and related compounds](#)
- 6506801- [Methods of treating anosmia and repopulating olfactory nerves with retinoids](#)
- 6506378- [Vesicular monoamine transporter gene therapy in Parkinson's disease](#)
- 6451306- [Methods for therapy of neurodegenerative disease of the brain](#)
- 6167888- [Method for inducing partial recovery of lost voluntary motor function after spinal cord injury in a mammal](#)
- 6171575- [Method of radioisotopic assessment of the integrity and function of the nose-brain barrier](#)
- 6192882- [Formulation and devices for monitoring the efficacy of the delivery of aerosols](#)
- 6331534- [Steroids as neurochemical stimulators of the VNO to alleviate pain](#)
- 6344210- [Composition for freshening nostrils and sinus cavities](#)
- 6349719- [Formulation and devices for monitoring the efficacy of the delivery of aerosols](#)
- 6352980- [Estrenes for inducing hypothalamic effects](#)
- 6408250- [Methods for characterizing, classifying, and identifying unknowns in samples](#)
- 6410046- [Administering pharmaceuticals to the mammalian central nervous system](#)
- 6420337- [Highly purified cytokine activating factor and methods of use](#)
- 6924357- [Lipid binding protein 4](#)
- 6949245- [Humanized anti-ErbB2 antibodies and treatment with anti-ErbB2 antibodies](#)
- 7427417- [Aromatherapy delivery system](#)
- 7435407- [Inhibition of olfactory neurosensory function to treat eating disorders and obesity](#)
- 7485302- [Treatment with anti-ErbB2 antibodies and chemotherapeutic agents](#)
- 7485619- [Antimicrobial agent](#)
- 7498030- [Treatment with anti-ErbB2 antibodies and anti-hormonal compounds](#)
- 7501122- [Treatment with anti-ErbB2 antibody combinations](#)
- 7537931- [Humanized anti-ERBB2 antibodies and treatment with anti-ERBB2 antibodies](#)
- 7557092- [Purinergic modulation of smell](#)
- 7604795- [Nanoparticles for protein drug delivery](#)
- 7604949- [Methods and compositions that affect melanogenesis](#)
- 7400927- [Method and system for psychological treatment by brain stimulation of the psychologically disordered object](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7329745- [Single-chain antibodies against human insulin-like growth factor I receptor: expression, purification, and effect on tumor growth](#)
- 6994671- [Apparatus and method for screening, olfactory mucosa stimulating compound found by the screening method, and therapeutic apparatus and electrode section for measurement](#)
- 7033598- [Methods and apparatus for enhanced and controlled delivery of a biologically active agent into the central nervous system of a mammal](#)
- 7041292- [Treating prostate cancer with anti-ErbB2 antibodies](#)
- 7087430- [Human VNO cDNA libraries](#)
- 7115258- [Vesicular monoamine transporter gene therapy in parkinson's disease](#)
- 7125995- [Substituted amidoalkyl uracils and their use as inhibitors of the poly\(adp-ribose\) synthetase \(PARS\)](#)
- 7138107- [Inhibition of olfactory neurosensory function to treat eating disorders and obesity](#)
- 7200432- [Device for enhanced delivery of biologically active substances and compounds in an organism](#)
- 7202035- [Genetic markers for skatole metabolism](#)
- 7319138- [Human DRG11-Responsive Axonal Guidance and Outgrowth of Neurite \(DRAGON\) proteins and variants thereof](#)
- 7618631- [Treatment with anti-ErbB2 antibodies and EGFR-targeted drugs](#)

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