

# Ageusia

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Ageusia is the loss of taste functions of the tongue, particularly the inability to detect sweetness, sourness, bitterness, saltiness, and umami . It is sometimes confused for anosmia - a loss of the sense of smell. Because the tongue can only indicate texture and differentiate between sweet, sour, bitter, salty, and umami most of what is perceived as the sense of taste is actually derived from smell. True aguesia is relatively rare compared to the milder forms of taste loss: hypogeusia and dysgeusia. Hypogeusia represents a partial loss of taste whereas dysgeusia denotes a distortion or alteration of taste. ( [From the Wikipedia article Ageusia](#) .)

## Recent Publications on Ageusia:



- [Sour ageusia in two individuals implicates ion channels of the ASIC and PKD families in human sour taste perception at the anterior tongue.](#)  
*BACKGROUND: The perception of sour taste in humans is incompletely...*9th October, 2009  
Monell Chemical Senses Center, Philadelphia, Pennsylvania, United States- PLoS One. 2009 Oct 8;4(10):e7347. ([DOI Direct Link](#))
- [Nonsynonymous single nucleotide polymorphisms in human tas1r1, tas1r3, and mGluR1 and individual taste sensitivity to glutamate.](#)  
*Several studies indicate an essential role of the heterodimer...*30th September, 2009  
NBS-NOPA, Institut National de la Recherche Agronomique, Jouy-en-Josas,- Am J Clin Nutr. 2009 Sep;90(3):789S-799S. Epub 2009 Jul 1. ([DOI Direct Link](#))
- [Gustatory alteration evaluation in patients with chronic otitis media.](#)  
*Many studies have shown the consequent gustatory alteration caused by ear...*29th September, 2009  
Federal University of Rio de Janeiro - Hospital Universitario Clementino- Braz J Otorhinolaryngol. 2009 Jul-Aug;75(4):550-5.
- [Bilateral limbic system destruction in man.](#)  
*We report here a case study of a rare neurological patient with bilateral...*19th September, 2009  
Department of Neurology, Division of Cognitive Neuroscience, University of- J Clin Exp Neuropsychol. 2009 Sep 17:1-19. ([DOI Direct Link](#))
- [Reversible ageusia as an adverse effect of hydroxychloroquine treatment.](#)  
*OBJECTIVE: To elaborate normative values for a clinical psychophysical...*6th August, 2009  
- J Eur Acad Dermatol Venereol. 2009 May;23(5):604-5. Epub 2008 Aug 21. ([DOI Direct Link](#))
- ["Taste Strips" - a rapid, lateralized, gustatory bedside identification test based on impregnated filter papers.](#)  
*OBJECTIVE: To elaborate normative values for a clinical psychophysical...*15th July, 2009  
Departement des Neurosciences cliniques, Unite de Rhinologie-Olfactologie,- J Neurol. 2009 Feb;256(2):242-8. Epub 2009 Feb 7. ([DOI Direct Link](#))
- [\[The specific features of the pathological morphology and pathogenesis of scleroma: morphological,](#)

[histochemical, and electron microscopic studies\]](#)

*The specific features of the pathological histology of scleroma have been...*8th July, 2009

- Arkh Patol. 2009 Mar-Apr;71(2):47-51.

• [Evidence-based management of a patient with anosmia.](#)

*OBJECTIVE: To elaborate normative values for a clinical psychophysical...*28th February, 2009

Department of Otorhinolaryngology, Head and Neck Surgery, Queen Alexandra- Clin Otolaryngol. 2008 Oct;33(5):466-9. ([DOI Direct Link](#))

• [Construction of a taste-blind medaka fish and quantitative assay of its preference-aversion behavior.](#)

*In vertebrates, the taste system provides information used in the...*28th February, 2009

Department of Applied Biological Chemistry, Graduate School of- Genes Brain Behav. 2008 Nov;7(8):924-32. Epub 2008 Aug 12. ([DOI Direct Link](#))

• [\[Reversible hypogeusia during bilateral thalamic stimulation for essential tremor\]](#)

*Deep brain stimulation of ventral intermediate nucleus (VIM-DBS) has...*19th June, 2008

Klinik fur Neurologie, Johann-Wolfgang-Goethe-Universitat, Schleusenweg- Nervenarzt. 2008 Apr;79(4):454-6. ([DOI Direct Link](#))

• [\[Sensory injury to the lingual nerve after nerve block at the lingula mandibulae\]](#)

*Prolonged and possibly permanent change in sensation due to lingual nerve...*18th June, 2008

Universite catholique- Rev Belge Med Dent. 2007;62(3):125-9.

• [\[From the expert's office: bilateral high-frequency hearing loss with C5-Senke following explosion\]](#)

*Deep brain stimulation of ventral intermediate nucleus (VIM-DBS) has...*10th April, 2008

Institut- Laryngorhinootologie. 2008 Jan;87(1):49-51. ([DOI Direct Link](#))

• [Loss of taste with clopidogrel.](#)

*Prolonged and possibly permanent change in sensation due to lingual nerve...*28th March, 2008

Department of Family Medicine, 901 College Plaza, University of Alberta,- Can Fam Physician. 2008 Feb;54(2):195-6.

• [\[Hypogeusia in a 9-year-old girl with multiple sclerosis\]](#)

*We reported a case of hypogeusia in a 9-year-old girl with multiple...*31st October, 2007

Department of Pediatrics, Mie National Hospital, Tsu, Mie.- No To Hattatsu. 2007 Sep;39(5):387-91.

• [Bilateral Ageusia in a Patient with a Left Ventroposteromedial Thalamic Infarct: Cortical Localization of Taste Sensation by Statistical Parametric Mapping Analysis of PET Images.](#)

*Unilateral taste loss is usually observed on the side contralateral to a...*1st September, 2007

Department of Neurology, Konyang University College of Medicine, Daejeon,- J Clin Neurol. 2007 Sep;3(3):161-4. Epub 2007 Sep 20. ([DOI Direct Link](#))

**Ageusia Patents:**



- 6472512- [Keratinocyte derived interferon](#)
- 6926898- [Albumin fusion proteins](#)
- 6936688- [Human chemokine beta-10 mutant polypeptides](#)
- 6936691- [Secreted protein HCE3C63](#)
- 6946134- [Albumin fusion proteins](#)
- 6951924- [Antibodies against secreted protein HTEBYII](#)
- 6994857- [Albumin fusion proteins](#)
- 7026447- [53 human secreted proteins](#)

- 7041803- [Galectin 11](#)
- 7078186- [Apoptosis related polynucleotides, polypeptides, and antibodies](#)
- 7091315- [Protein HDPBQ71](#)
- 6919433- [Antibodies to protein HPMBQ91](#)
- 6905688- [Albumin fusion proteins](#)
- 6878806- [Human secreted protein HTEEB42](#)
- 6593112- [Polynucleotides encoding fibroblast growth factor 15](#)
- 6605441- [Antibodies against fibroblast growth factor 11](#)
- 6605592- [Protein HOFNF53](#)
- 6605699- [Galectin-11 polypeptides](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6743613- [Lysyl-oxidase HOHEC84 polynucleotides](#)
- 6753164- [Nucleic acids encoding human serpin polypeptide HMCIS41](#)
- 6770466- [Human protein tyrosine phosphatase polynucleotides, polypeptides, and antibodies](#)
- 6815534- [Tissue plasminogen activator-like protease](#)
- 6824993- [Antibodies that bind human prostate specific G-protein receptor HPRAJ70](#)
- 7141547- [Albumin fusion proteins comprising GLP-1 polypeptides](#)
- 7163797- [50 human secreted proteins](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7446176- [12 human secreted proteins](#)
- 7459531- [50 Human secreted proteins](#)
- 7482013- [Albumin fusion proteins](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7514079- [Antibodies that specifically bind to neurokinin B](#)
- 7521424- [Albumin fusion proteins](#)
- 7569384- [Albumin fusion proteins](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7390637- [Keratinocyte derived interferon](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7175988- [Human G-protein Chemokine Receptor \(CCR5\) HDGNR10](#)
- 7189690- [Albumin fusion proteins](#)
- 7196164- [Secreted protein HHTLF25](#)
- 7205139- [Tissue plasminogen activator-like protease](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7235529- [Brain-associated inhibitor of tissue-type plasminogen activator](#)
- 7238660- [Albumin fusion proteins](#)
- 7238667- [Albumin fusion proteins](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7592010- [Albumin fusion proteins](#)

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