

Positions / awards

Stuff

[upcoming symposium](#) on chemosensory biology and immunology -- see link below.



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Non-corona-associated literature

[Accounting For Subjectivity In Experimental Research On Human Olfaction](#)

M Mantel, JM Roy, M Bensafi - Chemical Senses, 2021

[PDF] [The Social Odor Scale: development and validation of a new scale for the assessment of Social Odor Awareness](#)

E Dal Bò, C Gentili, A Castellani, FPS Fischmeister... - 2021

[HTML] [What's that smell? A pictorial review of the olfactory pathways and imaging assessment of the myriad pathologies that can affect them](#)

G Lie, A Wilson, T Campion, A Adams - Insights into Imaging, 2021

[Effect of the rs2890498 polymorphism of the OBPIIa gene on the human ability to smell single molecules](#)

M Melis, IT Barbarossa, T Hummel, R Crnjar, G Sollai - Behavioural Brain Research

Non-invasive recording from the human olfactory bulb

B Iravani, A Arshamian, K Ohla, DA Wilson, JN Lundström

Nature communications, 2020

[Data-science based analysis of patient subgroup structures suggest effects of rhinitis on all chemosensory perceptions in the upper airways](#)

J Lötsch, T Hummel - Chemical Senses, 2021

[PDF] [Flavor Disorder Is Associated with Obstructive Sleep Apnea: A Nationwide Population-Based Cohort Study](#)

CH Tsao, HH Huang, YM Hung, YT Hung, JCC Wei...

[HTML] [The importance of the olfactory system in human well-being, through nutrition and social behavior](#)

S Boesveldt, V Parma - Cell and Tissue Research

[Olfactory impairment as an early marker of Parkinson's disease in REM sleep behaviour disorder: a systematic review and meta-analysis](#)

Z Lyu, S Zheng, X Zhang, Y Mai, J Pan, T Hummel... - Journal of Neurology ...

[Mucosal Eosinophilia and Neutrophilia Are Not Associated With QOL or Olfactory Function in Chronic Rhinosinusitis](#)

NF Farrell, JC Mace, DA Sauer, AJ Thomas... - American Journal of Rhinology & ...

The sniffing bead system, an **olfactory** dysfunction screening tool for geriatric subjects: a cross-sectional study.

Min HJ, Kim SM, Han DH, Kim KS. BMC Geriatr. 2021 Jan 14;21(1):54.

Parosmia in Right-lateralized Semantic Variant Primary Progressive Aphasia: A Case Report.

Joo JY, Kim HG, Lee KM, Ko SH, Rhee HY, Park KC, Lee JS. Alzheimer Dis Assoc Disord. 2021 Jan 11.

The association between **olfactory** dysfunction and cardiovascular disease and its risk factors in middle-aged and older adults.

Roh D, Lee DH, Kim SW, Kim SW, Kim BG, Kim DH, Shin JH. Sci Rep. 2021 Jan 13;11(1):1248.

Delayed Puberty and Anosmia in CHARGE Syndrome: A Case Report.

Lee YL, Toh L, Yap F. J ASEAN Fed Endocr Soc. 2020;35(1):122-124.

Olfactory impairment as an early marker of Parkinson's disease in REM sleep behaviour disorder: a systematic review and meta-analysis.

Lyu Z, Zheng S, Zhang X, Mai Y, Pan J, Hummel T, Hähner A, Zou L. J Neurol Neurosurg Psychiatry. 2021 Jan 12:jnnp-2020-325361.

Olfactory mucosa stem cells delivery via nasal route: a simple way for the treatment of Parkinson disease.

Simorgh S, Alizadeh R, Shabani R, Karimzadeh F, Seidkhani E, Majidpoor J, Moradi F, Kasbiyan H. Neurotox Res. 2021 Jan 12. doi: 10.1007/s12640-020-00290-1.

The importance of the **olfactory** system in human well-being, through nutrition and social behavior.

Boesveldt S, Parma V. Cell Tissue Res. 2021 Jan 12:1-9. doi: 10.1007/s00441-020-03367-7.

Bitter **Taste** Receptors and Chronic Otitis Media.

Kaufman AC, Colquitt L, Ruckenstein MJ, Bigelow DC, Eliades SJ, Xiong G, Lin C, Reed DR, Cohen NA. Otolaryngol Head Neck Surg. 2021 Jan 12:194599820984788.

[Mucosal Eosinophilia and Neutrophilia Are Not Associated With QOL or Olfactory Function in Chronic Rhinosinusitis.](#)

Farrell NF, Mace JC, Sauer DA, Thomas AJ, Geltzeiler M, Detwiler KY, Smith TL. Am J Rhinol Allergy. 2021 Jan 11:1945892420987439.

Epileptic **olfactory** auras: a clinical spectrum.

Taşcı İ, Balgetir F, Müngen B, Gönen M. Neurol Sci. 2021 Jan 11.

Sex Differences in Fat **Taste** Responsiveness are Modulated by Estradiol.

Dahir NS, Calder AN, McKinley BJ, Liu Y, Gilbertson TA. *Am J Physiol Endocrinol Metab.* 2021 Jan 11.

Isolated Frontal Sinusitis and Anosmia: A Novel Presentation.

Purushothaman PK, Ahmed S, Arun K, Psaltis AJ. *Indian J Otolaryngol Head Neck Surg.* 2021 Jan 2:1-3.

Chemical Intolerance Is Associated With Altered Response Bias, not Greater Sensory Sensitivity.

Andersson L, Sandberg P, Åström E, Lillqvist M, Claeson AS. *Perception.* 2020 Dec 20;11(6):2041669520978424.

Olfaction Is Associated With Sexual Motivation and Satisfaction in Older Men and Women.

Siegel JK, Kung SY, Wroblewski KE, Kern DW, McClintock MK, Pinto JM. *J Sex Med.* 2021 Jan 7:S1743-6095(20)31066-3.

Effect of the rs2890498 polymorphism of the OBPIIa gene on the human ability to **smell** single molecules.

Melis M, Barbarossa IT, Hummel T, Crnjar R, Sollai G. *Behav Brain Res.* 2021 Jan 7:113127.

Data-science based analysis of patient subgroup structures suggest effects of rhinitis on all chemosensory perceptions in the upper airways.

Lötsch J, Hummel T. *Chem Senses.* 2021 Jan 9:bjab001.

Trigeminal endonasal perception - an outcome predictor for septoplasty.

Bischoff S, Poletti SC, Kunz S, Kiessling SY, Hinder D, Dreher A, Akdis CA, Soyka MB. *Rhinology.* 2020 Oct 1;58(5):437-443.

"U-Sniff" - the international odor identification test for children: an extension of its normative database and study of global reliability.

Zou L, Dworschak A, Alizadeh R, Kamrava SK, Alwashahi M, Bock MA, Boesveldt S, Singh B, Brusevold I, Voznessenskaya V, Hummel T, Schriever VA. *Rhinology.* 2020 Oct 1;58(5):471-476.

Corona-associated literature

Efficacy and safety of oral corticosteroids and **olfactory** training in the management of COVID-19-related loss of **smell**.

Le Bon SD, Konopnicki D, Pisarski N, Prunier L, Lechien JR, Horoi M. *Eur Arch Otorhinolaryngol.* 2021 Jan 9:1-5.

Could COVID-19 anosmia and **olfactory** dysfunction trigger an increased risk of future dementia in patients with ApoE4?

Manzo C, Serra-Mestres J, Isetta M, Castagna A. *Med Hypotheses.* 2021 Jan 5;147:110479.

Olfactory and **Gustatory** Dysfunction in COVID-19 Patients: A Tertiary Care Institute Experience in India.

Yadav V, Bhagat S, Sharma DK, Sibia RPS, Pandav R, Sandhu VP. *Indian J Otolaryngol Head Neck Surg.* 2021 Jan 3:1-8.

Clinical Characteristics of Pediatric COVID-19 and Predictors of PCR Positivity.

Arslan G, Aktürk H, Duman M. *Pediatr Int.* 2021 Jan 10. doi: 10.1111/ped.14602.

Olfactory and **Gustatory** Dysfunctions in COVID-19 Patients: From a Different Perspective.

Polat B, Yilmaz NH, Altin G, Atakcan Z, Mert A. *J Craniofac Surg.* 2021 Jan 7; Publish Ahead of Print.

Corticosteroid nasal spray for recovery of **smell** sensation in COVID-19 patients: A randomized controlled trial.

Abdelalim AA, Mohamady AA, Elsayed RA, Elawady MA, Ghallab AF. *Am J Otolaryngol.* 2021 Jan 4;42(2):102884. doi

Is **taste** and **smell** impairment irreversible in COVID-19 patients?

Salcan İ, Karakeçili F, Salcan S, Ünver E, Akyüz S, Seçkin E, Cingi C. *Eur Arch Otorhinolaryngol.* 2021 Jan 12:1-5.

Anosmia and COVID-19: perspectives on its association and the pathophysiological mechanisms involved.

da Silva Júnior PR, Gomes ALOR, Coelho LEA, Morais MA, de Almeida PVFC, Neri WJR, Mascena GV, de Farias Leal AA. *Egypt J Neurol Psychiatr Neurosurg.* 2021;57(1):8.

Olfactory dysfunction in COVID-19: a marker of good prognosis?

Mendonça CV, Mendes Neto JA, Suzuki FA, Orth MS, Machado Neto H, Nacif SR. *Braz J Otorhinolaryngol.* 2021 Jan 1:S1808-8694(20)30240-8.

Psychophysical Evaluation of the **Olfactory** Function: European Multicenter Study on 774 COVID-19 Patients.

Vaira LA, Lechien JR, Khalife M, Petrocelli M, Hans S, Distinguin L, Salzano G, Cucurullo M, Doneddu P, Salzano FA, Biglioli F, Journe F, Piana AF, De Riu G, Saussez S. *Pathogens*. 2021 Jan 12;10(1):E62.

Smell status in children infected with SARS-CoV-2.

Rusetsky Y, Meytel I, Mokoyan Z, Fisenko A, Babayan A, Malyavina U. *Laryngoscope*. 2021 Jan 14.

Onset and duration of symptoms of loss of **smell/taste** in patients with COVID-19: A systematic review.

Santos REA, da Silva MG, do Monte Silva MCB, Barbosa DAM, Gomes ALDV, Galindo LCM, da Silva Aragão R, Ferraz-Pereira KN. *Am J Otolaryngol*. 2021 Jan 6;42(2):102889.

Gustatory dysfunction in COVID-19 patients: a rapid systematic review on 27,687 cases.

Cirillo N, Bizzoca ME, Lo Muzio E, Cazzolla AP, Lo Muzio L. *Acta Odontol Scand*. 2021 Jan 15:1-8.

Imaging Features to Predict Response to **Olfactory** Training in Post-Traumatic **Olfactory** Dysfunction.

Altundag A, Saatci O, Kandemirli SG, Sanli DET, Duz OA, Sanli AN, Yildirim D. *Laryngoscope*. 2021 Jan 15.

[HTML] [Diagnostic Value of Patient-Reported and Clinically Tested **Olfactory** Dysfunction in a Population Screened for COVID-19](#)

C Villerabel, A Makinson, A Jaussez, MC Picot... - *JAMA Otolaryngology–Head & ...*

[HTML] [Olfactory Disturbances as Presenting Manifestation Among Egyptian Patients with COVID-19: Possible Role of Zinc](#)

AA Abdelmaksoud, AA Ghweil, MH Hassan, A Rashad... - *Biological Trace Element ...*

[COVID-19: Recovery from chemosensory dysfunction. A multicentre study on smell and taste](#)

AS Niklassen, J Draf, C Huart, C Hintschich... - *The Laryngoscope*

[PDF] [High prevalence of long-term psychophysical **olfactory** dysfunction in patients with COVID-19](#)

P Boscolo-Rizzo, A Menegaldo, C Fabbris, G Spinato... - *medRxiv*

[HTML] [Anosmia and COVID-19: perspectives on its association and the pathophysiological mechanisms involved](#)

PR da Silva Júnior, ALOR Gomes, LEA Coelho... - *The Egyptian Journal of ...*, 2021

[PDF] [Anosmia pada COVID-19](#)

I Samuel, BR Wreksoatmodjo - *Cermin Dunia Kedokteran*

[\[HTML\] Efficacy and safety of oral corticosteroids and **olfactory** training in the management of COVID-19-related loss of smell](#)

SD Le Bon, D Konopnicki, N Pisarski, L Prunier... - European Archives of Oto-Rhino ...

[\[HTML\] Is taste and smell impairment irreversible in COVID-19 patients?](#)

İ Salcan, F Karakeçili, S Salcan, E Ünver, S Akyüz... - European Archives of Oto-Rhino ...

[Loss of **smell** and taste in COVID-19 infection in adolescents](#)

L Kumar, N Kahlon, A Jain, J Kaur, M Singh... - International Journal of Pediatric ...