

Stuff

Conference: Smell & Taste 13, October 8/9, 2021, in Dresden, Germany

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a practical introduction to the physiology and pathophysiology of the chemical senses



Non-corona-associated literature

Age-Related Olfactory Decline Is Associated With Levels of Exercise and Non-exercise Physical Activities. Giorgia Sollai* and Roberto Crnjar.

<https://www.frontiersin.org/articles/10.3389/fnagi.2021.695115/full>

Peripheral **smell** regions in patients with temporal and frontal lobe epilepsies: An MRI evaluation

M Inal, NB Muluk, N Asal, M Alpua - Journal of Clinical Neuroscience, 2021

Anosmia: Sensorineural

S Bliskas - Rhinology and Anterior Skull Base Surgery

Systematic review and meta-analysis of Sniffin Sticks Test performance in Parkinson's disease patients in different countries

S Trentin, BS Fraiman de Oliveira... - European Archives of Oto ..., 2021

Taste Disorders

S Bliskas - Rhinology and Anterior Skull Base Surgery

Blindness, But Not HMHA Anosmia, Predicts Loneliness: A Psychophysical Study

A Sorokowska, A Janczak, C Ferdenzi, N Baldovini... - Personality and Social ..., 2021

Cacosmia

S Bliskas - Rhinology and Anterior Skull Base Surgery, 2021

Phantosmia

S Bliskas - Rhinology and Anterior Skull Base Surgery, 2021

[PDF] Auditory and **olfactory** findings in patients with USH2A-related retinal degeneration— Findings at baseline from the rate of progression in USH2A-related retinal ...

..., PS Bernstein, GM Bidelman, JK Cheetham, **RL Doty**... - ... Journal of Medical Genetics Part A

In healthy subjects nasal nitric oxide does not correlate with **olfactory** sensitivity, trigeminal sensitivity, and nasal air flow.

Mariano M, Drews T, Hummel T. Clin Otolaryngol. 2021 Aug 6. doi: 10.1111/coa.13845.

Scent of a Woman-Or Man: Odors Influence Person Knowledge.

Hovis NL, Sheehe PR, White TL. *Brain Sci.* 2021 Jul 20;11(7):955

Ageing and **Olfactory** Dysfunction in Trisomy 21: A Systematic Review.

Manan HA, Yahya N. *Brain Sci.* 2021 Jul 20;11(7):952.

Chemosensory Dysfunction Induced by Environmental Pollutants and Its Potential As a Novel Neurotoxicological Indicator: A Review.

Wei S, Xu T, Jiang T, Yin D. *Environ Sci Technol.* 2021 Aug 6. doi: 10.1021/acs.est.1c02048.

Hippocampal volume is related to **olfactory** impairment in Parkinson's disease.

Roh H, Kang J, Koh SB, Kim JH. *J Neuroimaging.* 2021 Aug 6. doi: 10.1111/jon.12911.

Recent Advances in Smellscape Research for the Built Environment.

Xiao J, Aletta F, Radicchi A, McLean K, Shiner LE, Verbeek C. *Front Psychol.* 2021 Jul 19;12:700514. doi: 10.3389/fpsyg.2021.700514.

Squamous and Respiratory Metaplasia After **Olfactory** Mucosal Resection.

Mori E, Ueha R, Kondo K, Funada S, Shimmura H, Kanemoto K, Tanaka H, Nishijima H, Otori N, Yamasoba T, Kojima H. *Front Neurosci.* 2021 Jul 20;15:695653.

Predictors of cognitive impairment in primary age-related tauopathy: an autopsy study.

Iida MA, Farrell K, Walker JM, Richardson TE, Marx GA, Bryce CH, Purohit D, Ayalon G, Beach TG, Bigio EH, Cortes EP, Gearing M, Haroutunian V, McMillan CT, Lee EB, Dickson DW, McKee AC, Stein TD, Trojanowski JQ, Woltjer RL, Kovacs GG, Kofler JK, Kaye J, White CL 3rd, Crary JF. *Acta Neuropathol Commun.* 2021 Aug 5;9(1):134.

Olfactory impairment and close social relationships. A narrative review.

Blomkvist A, Hofer M. *Chem Senses.* 2021 Aug 5;bjab037. doi: 10.1093/chemse/bjab037.

Olfactory neuroepithelium in the middle turbinate: is there any impact on **olfaction** function after lateral marsupialization for concha bullosa surgery?

İsmi O, Meşe F, Gür H, Gürses İ, Vayisoğlu Y, Görür K, Özcan C. *Braz J Otorhinolaryngol.* 2021 Jul 20;S1808-8694(21)00128-2.

Extending the spectrum of non-motor symptoms with **olfaction** in pre-motor Huntington's disease - a pilot study.

Heim B, Valent D, Carbone F, Spielberger S, Krismer F, Djamshidian-Tehrani A, Seppi K. *Neurodegener Dis.* 2021 Jul 9:1.

No evidence for association between human body odor quality and immune system functioning.

Schwambergová D, Sorokowska A, Slámová Ž, Třebická Fialová J, Sabiniewicz A, Nowak-Kornicka J, Borkowska B, Pawłowski B, Havlíček J. *Psychoneuroendocrinology.* 2021 Jul 20;132:105363.

Effects of Fluticasone Exhalation Delivery System in Patients With Chronic Rhinosinusitis With Nasal Polyps: A Systematic Review.

Wu D, Huang T, Wei Y. *Am J Rhinol Allergy*. 2021 Aug 3:19458924211033214.

Arabic Translation and Validation of **Olfactory**-Specific Quality of Life Assessment Questionnaire.

Alsayid H, Alnakhli S, Marzouki HZ, Varshney R, Zawawi F. *Cureus*. 2021 Jun 28;13(6):e16000.

Auditory and **olfactory** findings in patients with USH2A-related retinal degeneration-Findings at baseline from the rate of progression in USH2A-related retinal degeneration natural history study (RUSH2A).

Iannaccone A, Brewer CC, Cheng P, Duncan JL, Maguire MG, Audo I, Ayala AR, Bernstein PS, Bidelman GM, Cheetham JK, Doty RL, Durham TA, Hufnagel RB, Myers MH, Stingl K, Zein WM; Foundation Fighting Blindness Consortium Investigator Group. *Am J Med Genet A*. 2021 Jul 30. doi: 10.1002/ajmg.a.62437.

Corona-associated literature

The study of recovery rates of COVID-19 **olfactory** and **gustatory** dysfunctions requires psychophysical evaluations.

Lechien JR, Saussez S, Maniaci A, Vaira LA. *Am J Otolaryngol*. 2021 Jul 29;42(6):103168.

Long-term recovery from COVID-19 anosmia: Promising findings and unanswered questions. Locatello LG, Gallo O. *J Intern Med*. 2021 Aug;290(2):462-463.

The prevalence of **olfactory** and **gustatory** dysfunction in covid-19 - A systematic review.

Wu D, Wang VY, Chen YH, Ku CH, Wang PC. *Auris Nasus Larynx*. 2021 Jul 15:S0385-8146(21)00200-5.

ASSESSMENT OF **OLFACTORY** AND **GUSTATORY** FUNCTIONS IN COVID-19 PATIENTS.

Şahin MM, Uzunoğlu E, Yalçın M, Cesur G, Yildiz M, Aysert Yildiz P, Özger HS, Cebeci S, Karamert R, Düzlü M, Tutar H, Dizbay M, Ceylan A. *Turk J Med Sci*. 2021 Aug 2.

Taste Dysfunction and Long COVID-19.

Srinivasan M. *Front Cell Infect Microbiol*. 2021 Jul 14;11:716563.

Post-viral effects of COVID-19 in the **olfactory** system and their implications.

Xydakis MS, Albers MW, Holbrook EH, Lyon DM, Shih RY, Frasnelli JA, Pagenstecher A, Kupke A, Enquist LW, Perlman S. *Lancet Neurol*. 2021 Jul 30:S1474-4422(21)00182-4.

The mechanisms of **smell** loss after SARS-CoV-2 infection.

Doty RL. *Lancet Neurol*. 2021 Jul 30:S1474-4422(21)00202-7.

Olfactory dysfunction at six months after coronavirus disease 2019 infection.

Leedman SR, Sheeraz M, Sanfilippo PG, Edgar DW, D'Aulerio GV, Robb DM, Richards T, Blyth CC, Mackey DA. *J Laryngol Otol.* 2021 Aug 5:1-11.

Importance and correlation of sudden onset, presence and recovery of **olfactory** and **gustatory** dysfunctions in COVID-19 patients: A cross-sectional study.

Chaturvedi HT, Patel VP, Vasava RR, Chaturvedi C. *J Oral Maxillofac Pathol.* 2021 Jan-Apr;25(1):12-17.

Olfactory and **gustatory** dysfunctions are difficult to evaluate in hospitalized COVID-19 patients.

Vaira LA, Calvo-Henriquez C, Mayo-Yanes M, Hoch CC, Lechien JR. *Am J Otolaryngol.* 2021 Jul 30;42(6):103169.

[\[PDF\] **Smell** and taste dysfunctions after COVID-19: sexual issues from the patient perspective. A paradigmatic case](#)

A Graziottin

[Characteristics and Prognosis of COVID-19 Induced **Olfactory** and Gustatory Dysfunction in Daegu](#)

SJ Heo, TH Kim, SH Shin, MK Ye - *Korean J Otorhinolaryngol-Head Neck Surg/eISSN*, 2021

Virus Load and Incidence of **Olfactory**, **Gustatory**, Respiratory, Gastrointestinal Disorders in COVID-19 Patients: A Retrospective Cohort Study.

Taziki Balajelini MH, Rajabi A, Mohammadi M, Razavi Nikoo H, Tabarraei A, Mansouri M, Hosseini SM. *Clin Otolaryngol.* 2021 Aug 6. doi: 10.1111/coa.13844.