

## Report January – March 2020; Smell & Taste

### Peer-reviewed Original Publications

- Iannilli E, Knaapila A, Cecchini MP, Hummel T (2019) Dataset of Verbal evaluation of Umami taste in Europe. *Data in Brief* (in press)
- Han P, Penzler M, Warr J, Hummel T (2020) Frequent minty chewing gum use is associated with increased trigeminal sensitivity: an fMRI study. *Brain Res* (in press)
- Fjældstad AW, Ovesen T, Hummel T (2020) The effects of smoking on olfactory dysfunction in 3.900 patients with olfactory loss. *Laryngoscope* (in press)
- Sollai G, Tomassini I, Usai P, Hummel T, Crnjar R (2020) Association between human olfactory performance and ability to detect single compounds in complex chemical mixtures. *Physiol Behav* (in press)
- Seubert J, Kalpouzos G, Larsson M, Hummel T, Bäckman L, Laukka EJ (2020) Temporolimbic cortical volume is associated with semantic odor memory performance in aging. *Neuroimage* (in press)
- Herr T, Hummel T, Vollmer M, Willert C, Veit B, Gamain J, Fleischmann R, Lehnert B, Mueller JU, Stenner A, Kronenburger M (2020) Smell and Taste in Cervical Dystonia. *J Neural Transm* (in press)
- Fournel A, Iannilli E, Ferdenzi C, Werner A, Hummel T, Bensafi M (2020) A Methodological Investigation of a Dental MRI Coil to Obtain Functional Signals from the Human Olfactory Bulb. *J Neurosci Meth* (in press)
- Zou L, Dworschak A, Alizadeh R, Kamrava SK, Alwashahi M, Bock MA, Boesveldt S, Singh B, Brusevold I, Voznessenskaya V, Hummel T, Schriever VA (2020) “U-Sniff” - the international odor identification test for children: an extension of its normative database and study of global reliability. *Rhinology* (in press)
- Besser G, Liu DT, Renner B, Hummel T, Mueller CA (2020) Reversible obstruction of the olfactory cleft: impact on olfactory perception and nasal patency. *Int Forum Allerg Rhinol* (in press)
- Zou L, Vogt O, Schriever VA, Croy I, Schaal B, Hummel T (2020) Decreasing prevalence of specific anosmia to non-steroid odorants from childhood to adolescence. *Physiol Behav* (in press)
- Grossrau G, Baum D, Koch T, Sabatwoski R, Hummel T, Haehner A (2020) Exposure to odors increases pain threshold in chronic low back pain patients. *Pain Med* (in press)
- Koepfel C, Ruser P, Kitzler H, Hummel T, Croy I (2020) Interoceptive accuracy and its impact on neuronal responses to olfactory stimulation in the insular cortex. *Human Brain Mapping* (in press)
- Chen B, Haehner A, Mahmut MK, Hummel T (2020) Faster olfactory adaptation in patients with olfactory deficits: an analysis of results from odor threshold testing. *Rhinology* (in press)
- Mai Y, Zhang X, Li Z, Wu X, Zeng B, Fang Y, Laiquan Zou L, Zhao J, Hummel T (2020) Olfaction is a marker of severity but not diagnosis in anorexia nervosa : a systematic review and meta-analysis (in press)
- Pieniak M, Lachowicz-Tabaczek K, Masalski M, Hummel T, Oleszkiewicz A (2020) Self-rated sensory performance in profoundly deaf individuals. Do deaf people share the conviction about sensory compensation? *J Sens Stud* (in press)

### Other publications (Chapters, peer-reviewed reviews, letters)

- Van Regemorter A, Hummel T, Rosenzweig F, Mouraux A, Rombaux P, Huart C (2020) Mechanisms linking olfactory impairment and risk of mortality. *Frontiers Neurosci* (in press)

## Guests

- Prof. Jörn Lötsch, Department of Clinical Pharmacology, Goethe - University Frankfurt am Main, Germany, visits on Friday, 10th of January
- Dr. Marc Samaha, Dept. of ORL, University of Liege, Belgium, visits on the 13<sup>th</sup> and 14<sup>th</sup> of January
- Dr. David Liu, Dept. of ORL, AKH Wien, Austria, starts his 4 week visit at the 13<sup>th</sup> of January 2020
- Curtis Lockett, PhD, [University of Tennessee at Knoxville, Food Science Dept., Center for Sensory Science](#), visits from Jan 20 to 24
- Bob Pellegrino, [University of Tennessee at Knoxville, Food Science Dept., Center for Sensory Science](#), visits from Jan 20 to 24
- Leah Holzel from New York, and Dr. Alexander Fjaeldstast from Aarhus, DK, visit from Jan 26 to Jan 27.
- Dr. Olivia Jeleff Wölfler from the HNO- Sektion Phoniatrie - Klinikum rechts der Isar, Munic, visits on Jan 27.
- Dr. Tanja Drews, from the Department of Otorhinolaryngology from the Air Force Department, in Königsbrück, visits from 20th to the 24th of January
- Huda Khabour, M.D., Jordan University of Science and Technology (JUST) in Jordan, visits from February 24 to March 23
- Seline Uebe, student, visits from February 11-14

## Grants/Awards

- Nadine Gunder: Preis der ArGe Olfaktologie / Gustologie der Deutschen HNO Gesellschaft, für ihren Vortrag am 5.12.2019 (im Rahmen der Tagung der ArGe in Dresden) mit dem Thema „Intranasal sodium citrate in quantitative and qualitative olfactory dysfunction“: Dotierung: 250 Euro

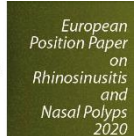
## Thesis

- **Robert Pellegrino**, Dr. rer. medic., 20.1.2020: Psychological and physiological aspects of the olfactory and trigeminal systems in humans.
- **Franz Paul Stiller-Stut**, Dr. med., 3.3.2020: Voxel-basierte Morphometrie: Veränderte Dichte der grauen Hirnsubstanz bei subjektiv gesteigertem Riechvermögen
- **Claudio Rauber**, Dr. med., 3.3.2020: Der Einfluss von Riechtraining auf das Riechvermögen, die kognitive Funktion und das Befinden von Patienten mit idiopathischem Parldnson-Syndrom

## Courses, Presentations etc.:

- Prof. Antje Hähner: Vortrag: „Olfaktorische Wahrnehmung & Schmerz. Schnittstellen in Forschung und Therapie“, Schmerztherapeutentreffen in Freiburg vom 15.-16.11.2019
- Prof. Antje Hähner: Vortrag: Geruch und Schmerz, Kinderkopfschmerzprogramm, Uniklinikum Dresden, am 13.12.2019
- David Liu (Dept. of ORL, AKH, Vienna) presents on the 14<sup>th</sup> of January on “Association between self-assessment of chemosensory perception and psychophysical test results”
- Dr. Marc Samaha (Dept. of ORL, CHL, Luxembourg) presents on the 14<sup>th</sup> of January on “Empty nose syndrome”
- Curtis Lockett, PhD ([University of Tennessee at Knoxville, Food Science Dept., Center for Sensory Science](#)): “Odor mixture discrimination and odor-induced saltiness”, 22.1.2020
- Bob Pellegrino ([University of Tennessee at Knoxville, Food Science Dept., Center for Sensory Science](#)): “Retronasal olfaction”, 22.1.2020
- **Nunzia Papotto** from the [Dept of Molecular Physiology at the University of Heidelberg](#), 30th of Jan, at 14:00h: "Odor-related modulation of intranasal trigeminal activation"
- 3rd of February: Presentation by T Hummel on <Diagnosis and treatment of olfactory dysfunction> at the [The Department of Surgery, Department of Anatomy and Medical Imaging, and the Centre for Brain Research](#) of the School of Medicine at the University of Auckland.
- 13th of February: Presentation by T Hummel on <Olfaction in humans with reference to pathologies affecting the sense of smell> at the Dept of Psychology of the McQuarie University, Sydney.

- 6<sup>th</sup> of March: Dr. [Harris Georgiopoulos](#) from the Dept. of Radiology of the Univ of Linköping, Sweden, presents on “Impaired olfaction and Parkinson’s disease”
- 12<sup>th</sup> of March: Xiaoguang Yan presented a summary of significant aspects of the the European Position Paper on Rhinosinusitis and nasal Polyps 2020 ([https://www.rhinologyjournal.com/Documents/Supplements/supplement\\_29.pdf](https://www.rhinologyjournal.com/Documents/Supplements/supplement_29.pdf))
- 18<sup>th</sup> of March: Jule Reinhard presents on “Sensitivity to viscosity changes and subsequent estimates of satiety across different senses” by Robert Pellegrino, Jourdan D. Jones, Grace E. Shupe, Curtis R. Lockett
- 19<sup>th</sup> of March: Robert Ziemann presents on “Positive relationship between odor identification and affective responses of negatively valenced odors” by Lenka Martinec Nováková, Dagmar Plotená, Craig Roberts and Jan Havlíček



## What else:

- [Patiententag \(September 2019\) in der Öffentlichkeit](#)
- Interview mit Quarks Online (<https://www.quarks.de/>), zum Thema: „Schmecken im Alter“
- 9.1.2020, 13:30-14:30 h: [UNILIVE](#) for young students – open podium discussions “Why study medicine?” with Janine Gellrich, Mesi Krause, Anne Huster and Thomas Hummel
- 22.1.2020: Interview mit [Völlerei und Leberschmerz](#) zum Thema “Belästigung durch Gerüche”



- 9th of February: Interview of T Hummel with Katie Boateng who is running the Smell Podcast (<https://open.spotify.com/show/4z1qDPT2oBMFBdaNlIxe5r>)
- Interview of T Hummel with Lena Stallmach from the Neue Zürcher Zeitung: 21<sup>st</sup> of February 2020

Neue Zürcher Zeitung

### Den richtigen Partner am Geruch erkennen

Wer sich bei der Partnerwahl auf seine Nase verlässt, könnte in der Beziehung langfristig zufriedener sein.

Lena Stallmach  
21.02.2020, 05:30 Uhr

Hören Merken Drucken Teilen

- Interview of T Hummel with Anne Hui from “Globe and Mail” (Canada’s National Newspaper) on “Smell training”
- T Hummel has been appointed Adjunct Faculty at the University of Arkansas-Fayetteville, from March 1st, 2020 to February 28th, 2023.
- Interview of T Hummel with “Creating chemistry – BASF’s sustainability magazine”, 2020, 9: 51-53, entitled “Fragrance makers”

- Interview of T Hummel with Katharina Deuber for NZZ format on the 23rd of March 2020: „Die heimliche Macht der Gerüche“ <https://www.srf.ch/programm/tv/uebersicht/2020-03-19#23:51>
- Interview of T Hummel with Michael Brice-Saddler, March 23 at 8:53 PM, on “[Losing sense of smell may be a hidden symptom of coronavirus, doctors warn](#)” in Washington Post
- Interview mit Angelika Mayr (27.3.2020) “Voxstimme”: “[Schmecken und Würzen im Alter](#)”  
LEIH MIR DEINE SINNE



## Schmecken und Würzen im Alter [Volksstimme.de](https://www.volksstimme.de)