

## Report April – June 2014; Smell & Taste

### Publications

- Preventing olfactory deterioration: olfactory training may be of help in older people. Schriever VA, Lehmann S, Prange J, Hummel T. *J Am Geriatr Soc.* 2014 Feb;62(2):384-6.
- Lateralized differences in olfactory function and olfactory bulb volume relate to nasal septum deviation. Altundag A, Salihoglu M, Tekeli H, Saglam M, Cayonu M, Hummel T. *J Craniofac Surg.* 2014 Mar;25(2):359-62
- The Fate of the Inner Nose: Odor Imagery in Patients With Olfactory Loss. Flohr EL, Arshamian A, Wieser MJ, Hummel C, Larsson M, Mühlberger A, Hummel T. *Neuroscience.* 2014 Mar 19. pii: S0306-4522(14)00231-0
- Sorokowska A, Sorokowski P, Hummel T (2014) Cross-cultural administration of an odor discrimination test. *Chemosensory Perc* (in press)
- Schriever VA, Góis-Eanes M, Schuster B, Huart C, Hummel T (2014) Olfactory Event-Related Potentials in Infants. *J Pediatrics* (in press)
- Walter C, Oertel BG, Ludyga D, Nöth U, Ultsch A, Ferreiros U, Hummel T, Deichmann R, Lötsch J (2014) Effects of delta9-tetrahydrocannabinol on human olfaction. *Br J Clin Pharmacol* (in press)
- Stuck BA, Beule A, Damm M, Gudziol H, Hüttenbrink KB, Landis BN, Renner B, Sommer U, Uecker FC, Vent J, Hummel T (2014) Positionspapier „Die chemosensorische Testung bei der gutachterlichen Abklärung von Riechstörungen“. *Laryngorhinotologie* 93:327-329
- Lenk S, Bluschke A, Beste C, Iannilli E, Roessner V, Hummel T, Bender S (2014) Olfactory short-term memory encoding and maintenance - an event-related potential study. *Neuroimage* (in press)
- Croy I, Schulz M, Blumrich A, Hummel C, Gerber J, Hummel T (2014) Human olfactory lateralization requires trigeminal activation. *Neuroimage* (in press)
- Iannilli E, Noennig N, Hummel T, Schoenfeld AM (2014) Spatio-temporal correlates of taste processing in the human primary gustatory cortex. *Neuroscience* (in press)
- Schriever VA, Mori E, Petters W, Boerner C, Smitka M, Hummel T (2014) The “Sniffin’ Kids” test - a 14-item odor identification test for children. *PLoSOne* (in press)
- Hummel T, Landis BN, Rombaux P (2014) Disrupted odor perception. In: Buettner A (ed) *Handbook of Odor.* Springer (in press)
- Altundag A, Salihoglu M, Melih C, Cingi C, Tekeli H, Hummel T (2014) The effect of high altitude on nasal nitric oxide levels. *Eur Arch ORL* (in press)

### Other publications

- Vent J, Hüttenbrink KB, Müller CA, Welge-Lüssen A, Hummel T (2014) Before and after the Iron Curtain: The Committee on Olfaction and Gustation of the German Society of Otorhinolaryngology, Head and Neck Surgery. *ChemoSense* 15, 16-21

## Presentations

- Presentation at the British Feeding and Drinking Group in Portsmouth 3<sup>rd</sup> of April 2014: Keynote by Thomas Hummel on “The chemical senses and eating behavior”
- Antje Hähner presents on the 4<sup>th</sup> of April at the Parkinson Association Luxembourg at its yearly conference for the World Parkinson's Day at the Centre Culturel 'An der Eech' in Leudelange: “L’Odorat et Parkinson”
- ACHEMS conference in Florida, USA from 9<sup>th</sup> to the 12<sup>th</sup> of April: presenters are Valentin Schriever, Charlotte Sinding, Caroline Börner, Daniel Baum, Lars Mizera, Thomas Hummel and Ilona Croy
- Thomas Hummel presents at the “6<sup>th</sup> World Congress Endomilano 2014” in Milano, on April 16<sup>th</sup>; title of presentation: “DIAGNOSIS AND THERAPY OF SMELL DISORDERS”
- Antje Hähner presents at the “19. Fachtagung: Psychologie und Morbus Parkinson“ in Aachen on the 26<sup>th</sup> of April. Title of presentation: „Die Riechstörung beim idiopathischen Parkinson-Syndrom“
- Thomas Hummel: “Karl Storz” Guest Lecture. “Where are we now with treating olfactory and gustatory disorders? Pearls from the Dresden Smell & Taste Clinic Experience.” At the 13<sup>th</sup> Annual Meeting of the British Rhinological Society in Norwich, UK
- Thomas Hummel: 21.05.2014, “Disorders of olfactory and gustatory function” at the DIFE in Potsdam-Rehbrücke
- Thomas Hummel: 30.5.2014: “Volumen des Bulbus olfactorius bei lateralisiertem Riechtraining” at the “85. Jahresversammlung der Deutschen Gesellschaft für HNO-Heilkunde, Kopf- und Hals-Chirurgie”, in Dortmund
- Thomas Hummel, 27.5.2014, at the “Secondo Congresso Dell’Accademia Di Riniologia” in Catania: “Lezione Magistrale: Olfaction System”
- Thomas Hummel, 23. and 25.6., presentations at the “European Rhinologic Society” asinvited speaker: “Smell training, signs of neurogenerative diseases” and „Taste and retronasal olfaction - clinical aspects“

## Guests

- Dr. Moustafa Bensafi, Univ. Lyon, 28.4.-12.5.
- Dr. Arnaud Fournel, Univ. Lyon. 29.4.-14.5.
- Dr. Camille Ferdenzi, Univ. Lyon, 8.5.-12.5.
- Dr. Antti Knappila, Univ. of Helsinki, 5.5.-28.5.
- Dalila Roma, cand. med., Univ. of Bucharest, 2.5.-30.5.
- Raffaella Fürer, cand. med., Univ. of Basel, 6.-9.5.
- Dr. Zach Rome, New Jersey: 5.-6.5.
- Dr. Patricia Mazal, Argentina: 26.5.-26.7.
- Alice Liu, Marseille: 26.5.-19.6.
- Albert Yang, New York: 2.6.-30.6.
- Drs. P. Karukanayaka and J. Wang, Philadelphia: 13.6.-17.6.
- Pauline Jousain, Ashford, UK: 18.6.

## What else:

- Kann man den Frühling riechen? Interview mit Gartenliebe 2014: Heft 1, pp. 82-87
- Thomas Hummel becomes member of the ACHEMS Program Committee 2015-2017
- Thomas Hummel, Cateriona Iannilli, David Meves: Interview with DLF: „Smelling for children“: to be broadcasted at June 16, 15:00h
- Thomas Hummel, Volker Gudziol: 31.5., Hands-On-Course „Smell and Taste in Health and Disease“ at the “85. Jahresversammlung der Deutschen Gesellschaft für HNO-Heilkunde, Kopf- und Hals-Chirurgie“, in Dortmund
- Thomas Hummel: Interview with BBC, Dani Mitzman: Do people experience smell in their dreams? <http://www.bbc.com/news/magazine-27590756>
- Mentioning in the Berliner Zeitung: <http://www.berliner-zeitung.de/ernaehrung/neue-studie-warum-jazz-dick-und-rap-schlank-macht,10839402,27101206.html>
- 28.2.: Note at FIRSTPOST: <http://www.firstpost.com/fwire/music-turns-regular-food-into-something-special-1413599.html>

## Thesis

## Courses, conferences etc.:

## Acquired grants:

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| 2014-2016 | Polish National Science Center – OPUS 6 competition: “Sensory compensation: memory and social olfactory sensitivity of the blind” with Agnieszka Sorokowska (P.I.); ca. Euro 65.000 |
| 2014-2015 | Robert Pflieger Stiftung “Untersuchung olfaktorischer Informationsverarbeitung mittels Zeit-Frequenzanalyse”, Thomas Hummel and Valentin Schriever; ca. Euro 56.000                 |