

## Report October – December 2014; Smell & Taste

### New people

Ingrid Midtvedt [ingrid.midtvedt@gmail.com](mailto:ingrid.midtvedt@gmail.com) started on DEcember 1st as a „studentische Hilfskraft“

### Peer-reviewed Original Publications

- Lötsch J, Hummel T (2014) Cannabinoid-related olfactory neuroscience in mice and humans. *Chem Senses* (in press)
- Schriever V, Hummel T (2014) Subjective changes in nasal patency after chewing a menthol-containing gum in patients with olfactory loss. *Acta Oto-Laryngologica* (in press)
- Croy I, Zehner C, Larsson M, Zucco GM, Hummel T (2014) Test-retest reliability and validity of the Sniffin` TOM odor memory test. *Chem Senses* (in press)
- Sorokowska A, Albrecht E, Hummel T (2014) Reading first or smelling first? Effects of presentation order on olfactory identification. *Attention, Perception, & Psychophysics* (in press)
- Sorokowska A, Sorokowski P, Frackowiak T (2015) Determinants of human olfactory performance: A cross-cultural study. *Sci Total Environ* 506-507: 196-200
- Altundag A, Cayonu M, Kayabasoglu G, Salihoglu M, Tekeli H, Cayonu S, Akpınar ME, Hummel T (2014) The Evaluation of Olfactory Function in Individuals With Chronic Halitosis. *Chem Senses* (in press)
- Sezille C, Chakirian A, Thevenet M, Gerber J, Hummel T, Bensafi M (2014) Dissociated neural representations induced by complex and simple odorant molecules. *Neuroscience* (in press)
- Schriever VA, Boerner C, Mori E, Smitka M, Hummel T (2014) Changes of Olfactory Processing in Childhood and Adolescence. *Neuroscience* (in press)

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

- Portillo Mazal P, Haehner A, Hummel T (2014) Relation of the volume of the olfactory bulb to psychophysical measures of olfactory function – a review. *Eur Arch ORL* (in press)

### Presentations

- 65 Congreso Nacional de la SEORL-PCF, Madrid, 18 Oct 2014: 10:00-10:30 T. Hummel: SMELL AND TASTE: THE LAST 20 YEARS (main lecture)
- 65 Congreso Nacional de la SEORL-PCF, Madrid, 18 Oct 2014: 15:00-16:00 T. Hummel: CURSO DE INSTRUCCIÓN: SMELL AND TASTE: DIAGNOSTIC INSTRUMENTS

- Riechen und Schmecken: Teaching students aged 10-16 years at eth Benno-Gymnasium Dresden; t. HUMMEL: Nov 3
- Minisymposium Smell and Taste in Oslo, 7th of Nov: 9:30-10:15: T. Hummel: Clinical aspects of smell and taste disorders - an overview: see also: <http://www.hioa.no/eng/Hva-skjer/Oslo-Taste-and-Smell-Symposium>
- Talk at the Allergy Symposium organized by Dr. B. Hauswald from Nov 14-16, on Nov 14
- Numerous talks and presentations at Smell and Taste 06 and Clinical Chemosensation 2014 by Drs. Sinding, Iannilli, Schriever, Hähner, Hummel, Mohammed Aziz, Sorokowska  
<http://www.uniklinikum-dresden.de/das-klinikum/kliniken-polikliniken-institute/hno/forschung/interdisziplinares-zentrum-fur-riechen-und-schmecken/neuigkeiten/kongresse/clinical-chemosensation-2014-1/clinical-chemosensation-2014>  
<http://www.uniklinikum-dresden.de/das-klinikum/kliniken-polikliniken-institute/hno/forschung/interdisziplinares-zentrum-fur-riechen-und-schmecken/neuigkeiten/kongresse/smell-and-taste-06>
- Presentation "Why do we smell?" at Grand Rounds of ENT Department at the University of Toronto. Hummel, Nov 28



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**GRAND ROUNDS**

**Friday, November 28, 2014 7:30 - 8:30 a.m.**

TGH/UHN, 585 University Ave. Astellas Conference Room, 11th Floor, Room 11C-1135

**Dr. Thomas Hummel- Visiting Professor**

"Why do we smell? What happens when we lose it? What are the causes of Olfactory loss? How can we treat it?"

## Guests

- Martin Otte, M.D., Dept. of ORL, Univ. of Cologne: visits from Oct 20-21
- Christos Merkonidis, M.D.; London; visits Nov 1
- Sophia Poletti, M.D., Dept of ORL Univ Zurich: visits Nov 2014
- Miriam Grushka, M.D., Toronto, visits from Nov 17 to Nov 19
- Kanneloshi Ito, Tokyo, visits from 18<sup>th</sup> of Nov to 2<sup>nd</sup> of Dec
- Prof. Joern Lotsch visits on Dec 17-18
- Dr. Hana Faitlová from Pardubice, Czech Republic, visits on Dec 19

## What else:

- The sense of smell in the local press: <http://www.sz-online.de/nachrichten/wissen/nachlassender-geruchssinn-ist-ein-bote-des-todes-2945671.html>
- Poster award (100 Euro) for Jana Kromer at Smell and Taste 06: Nov 20-21: <http://goo.gl/HbrJcU> Influence of HLA correspondence in partnership and sexuality: Kromer J, Pietrowski D, Giani A, Schmidt R, Ehninger G, Hummel T, Croy I; Dresden, Tübingen
- 4.12.: Interview with **Deutsche Welle** on *“The significance of smells during Christmas time”* <http://www.dw.de/dresden-traditional-christmas-market/av-18143439>

## Thesis

- Oxana Assmann: 18.11.: Training der intranasalen Lokalisierung von reinen olfaktorischen Düften
- Lars Mizera: 18.11.: Einfluss einer chronischen Analgetikaeinnahme auf die olfaktorische und trigeminale chemosensorische Funktion
- Janine Albinus: 9.12.: Die kurzfristige Wirkung von Koffein auf das Riechvermögen von riecheingeschränkten Probanden mit sinunasaler oder postviraler Riechstörung
- Svetlana Yarina: 9.12.: Parosmie und Phantosmie bei Patienten mit Depression vor und nach der psychosomatischen Therapie
- Claudia Sonnefeld: 9.12.: Longitudinale Untersuchung des Riechvermögens von Patienten mit chronischer Rhinosinusitis mit und ohne Analgetikaintoleranz

## Courses, conferences etc.:

- Smell and Taste 06: Nov 20-21: <http://goo.gl/HbrJcU>
- Clinical Chemosensation 2014: Nov 21-23: <http://goo.gl/5STBhS>
- Kurs für Berliner Neuroscience Studenten am 24.11.: <http://www.medical-neurosciences.de/en/>

## Wahlpflichtfach:

| <b>Vortragender</b> | <b>Thema</b>  | <b>Datum</b> |
|---------------------|---|--------------|
| T. Hummel           | Riechen – Überblick   | 14.10.2014   |
| T. Hummel           | Riech-/Schmeckstörungen plus Therapie                         | 21.10.2014   |
| V. Gudziol          | <a href="#">Endoskopie, Rhinologie, NNH Chirurgie</a>         | 28.10.2014   |
| A. Hähner           | <a href="#">Neurodegen. Erkr. / Riechen und Schmecken aus</a> | 4.11.2014    |

|                         |  |            |
|-------------------------|--|------------|
|                         | <a href="#">neurologischer Sicht</a>   |            |
| N. Abolmaali            | <a href="#">MRT / Bulbusvolumetrie</a>   | 11.11.2014 |
| T. Hummel / E. Iannilli | Psychophysische und <a href="#">elektrophysiolog. Untersuchungen des Riechens und Schmeckens</a> | 18.11.2014 |
| M. Witt                 | <a href="#">Anatomie Riechen (im Keller der Anatomie: Treffpunkt Foyer MTZ)</a>                  | 24.11.2014 |
| C. Sinding              | <a href="#">Duftmischungen</a>   | 2.12.2014  |
| C. Hummel               | Funktionelles MRT  | 9.12.2014  |
| T. Hummel               | <a href="#">Schmecken</a> - Überblick  | 16.12.2014 |
|                         | MC-Prüfung   | 16.12.2014 |

#### Acquired grants:

- Meddrive Call at TU Dresden: Charlotte Sinding and Thomas Hummel: „Brain imaging of olfactory habituation: investigation of alerting odors“ (2014-2015) 22,700 Euro

Pictures from the Conferences in Nov 2014

