

Bericht Oktober – Dezember 2013; Riechen und Schmecken

Publikationen

- Huart C, Rombaux P, Hummel T (2013) Plasticity of human olfactory system: the olfactory bulb. *Molecules*: 18, 11586-11600
- Schriever V, Lehmann S, Hummel T (2013) Preventing olfactory deterioration: Olfactory training may be of help in older people. *J Am Ger Soc* (in press)
- Rombaux P, Huart C, Landis B, Hummel T (2013) Intranasal trigeminal perception. Onerci TM (ed): *Nasal Physiology and Pathophysiology of Nasal Disorders*. Springer, Heidelberg, pp. 225-236
- Welge-Lüssen A, Looser GL, Westermann B, Hummel T (2013) Olfactory source localization in the open field using one or both nostrils. *Rhinology* (in press)
- Genschaft M, Huebner T, Plessow F, Ikonomidou VN, Abolmaali N, Krone F, Hoffmann A, Holfeld A, Vorwerk P, Kramm C, Gruhn B, Koustenis E, Hernaiz-Driever P, Mandal R, Suttorp M, Hummel T, Ikonomidou C, Kirschbaum C, Smolka MN (2013) Impact of chemotherapy for childhood leukemia on brain morphology and function. *PLoSOne* (in press)
- Gudziol V, Hoencck I, Landis BN, Podlesek D, Bayn M, Hummel T (2013) The impact and prospect of traumatic brain injury on olfactory function - a cross-sectional and prospective study. *Eur Arch ORL* (in press)
- Hummel T, Olgun S, Gerber JC, Huchel U, Frasnelli J (2013) Brain responses to odor mixtures with subthreshold components. *Frontiers Cogn Sci* (in press)
- Manzi B, Hummel T (2013) Intensity of regionally applied tastes in relation to administration method: an investigation based on the "taste strips" test. *Eur Arch Otorhinolaryngol* (in press)
- Hähner A, Maboshe W, Baptista RB, Storch A, Reichmann H, Hummel T (2013) Selective hyposmia in Parkinson's disease? *J Neurol* (in press)
- Stuck BA, Beule A, Damm M, Hüttenbrink KB, Landis BN, Renner B, Sommer U, Uecker FC, Vent J, Hummel T (2013) Positionspapier „Die chemosensorische Testung bei der gutachterlichen Abklärung von Riechstörungen“. *HNO* (in press)
- Hovakimyan M, Meyer A, Lukas J, Luo J, Gudziol V, Hummel T, Rolfs A, Wree A, Witt M (2013) Olfactory deficits in Niemann-Pick type C1 (NPC1) disease. *PLoS One* (in press)
- Schütze M, Negoias S, Olsson MJ, Hummel T (2013) Perceptual and processing differences between physical and dichorhnic odor mixtures. *Neuroscience* (in press)
- Stuck BA, Fadel V, Hummel T, Sommer U (2013) Subjective olfactory desensitization and recovery in humans. *Chem Senses* (in press)
- Zucco G, Hummel T, Tomaiuolo F, Stevenson RJ (2013) The influence of short-term memory on standard discrimination and cued identification olfactory tasks. *J Neurosci Meth* (in press)
- Haehner A, Hummel T, Reichmann H (2013) A clinical approach towards smell loss in Parkinson's disease. *J Park Dis* (in press)
- Altundag A, Salihoglu M, Melih C, Cingi C, Tekeli H, Hummel T (2013) The effect of high altitude on olfactory function. *Eur Arch ORL* (in press)
- Seo HS, Lohse F, Luckett C, Hummel T (2013) Congruent sound can modulate odor pleasantness. *Chem Senses* (in press)
- Croy I, Nordin S, Hummel T (2013) Olfactory disorders and Quality of life – a review. *Chem Senses* (in press)
- Lötsch J, Hummel T, Warskulat U, Coste O, Häussinger D, Geisslinger G, Tegeder I (2013) Congenital taurine deficiency in mice is associated with reduced sensitivity to nociceptive chemical stimulation (in press)
- Aytuğ Altundag A, Salihoglu M, Tekeli H, Sağlam M, Çayönü M, Hummel T (2013) Lateralized differences in olfactory function and olfactory bulb volume relate to nasal septum deviation. *Journal Craniofac Surg* (in press)
- Beauchamp J, Scheibe M, Hummel T, Buettner A (2013) Effects of sniffing behaviour on intranasal odorant concentrations: High-resolution monitoring of odorant transfer in the nasal cavity. *Chemistry & Biodiversity* (in press)
- Bensafi M, Iannilli E, Poncelet J, Seo HS, Gerber J, Rouby C, Hummel T (2013) Cross-modal integration of emotions in the chemical senses. *Frontiers Cogn Neurosci* (in press)

Vorträge

Vortrag an der Univ. HNO Klinik in Luxembourg (Hummel), 9.10.: „Smell“

Presentation and hands-on-course within the conference of the European Sensory Network in Valencia, Oct. 28-29, on “Chemosensory function in aging”

Vortrag bei der Tagung der in Hannover, 28.10.2013: “Beeinflussung des menschlichen Riechvermögens”

Vortrag bei der Herbsttagung der Schweizer HNO Gesellschaft („presidential lecture“), am 21.11.

Teilnahme am Kurs „OLFiBas“ an der Univ HNO Klinik Basel 28.11.2013

Gäste

Dr. Bano Singh from Oslo, Norway (Oct 1-3)

Dr. Ilona Croy from Gothenborg (Oct 4-14)

Prof. Maria Larsson, Dept. of Psychology, Univ. of Stockholm (Oct 20-26)

Dr. Yigang Feng and Dr. Wenming Chen from Three Nine Brain Hospital

(<http://www.999brain.com>) (Oct-08)

Prof. J. Frederico Marques (Nov 2-4), University of Lisbon, Faculty of Psychology, on “Semantic memory and object recognition”

Johan Lundstrom (Stockholm) and Moustafa Bensafi (Lyon) visit for discussion of joint projects.

Carolina Masson, Faculdade de Medicina de São José do Rio Preto in Brazil (Dec 1-21)

20th of Decmeber: Eri Mori, Ann-Mari Gransjoen, and Carol Masson are leaving again.

Besonderes:

Presentation on **Autobiographical Odor Memory: New Insights by** Maria Larsson, <http://w3.psychology.su.se/staff/marlar/indexeng.html> , on Thursday, Oct-24, 1 p.m.

Teaching award (2nd prize) from the students of the International Graduate Program Medical Neurosciences, Charite, Berlin

Students' meeting on 6th of November 2013 presenting the status of their various experiments etc.: Christos Merkonidis, Eri Mori, Ann-Marie Gransjoen, Andrea NImann, Mohammed Aziz.

Teilnahme an der **Internationalen Tagung der ArGe Olfaktologie / Gustologie** in Basel am 29. und 20.11.2013: Karoline Andrä, Christos Merkonidis, Thomas Hummel, Antje Hähner, Charlotte Sinding, Eri Mori, Valentin Schriever, Agnieszka Sokorowka, Bettina Gewalt, Volker Gudziol, Ann Maria Gransjoen, Andrea NImann.

Ringvorlesung zum Thema „Riechen und Schmecken“ an der TUD (18.12.2013; 14:00h)

Doktorate

Karin Schmidt (2013) - Veränderung des retronasalen Riechens und des Schmeckens in moderater Höhe

Judith Prange (2013) - Wie ältere Menschen große und kleine Duftmoleküle wahrnehmen

Clara Tosch (2013) Der Einfluss von Riechtraining auf das Riechvermögen von Patienten mit idiopathischem Parkinson-Syndrom

Veranstaltungen:

Course “**Smell & Taste 05**” from Oct 4-6: 25 participants from Belgium (2), Germany (7), Ukraine (1), Latvia (1), The Netherlands (2), Poland (2), UK (1), Israel (1), Italy (3), Japan (1), Irak (1), Sweden (1), Norway (2): Lecturers included Tino Just, Michael Damm, Jordan Konstantinidis, Jan Vodicka, Ilona Croy, Philippe Rombaux, Basile Landis, Antje Welge-Lüssen, Carl Philpott, Jens Reden, Antje Haehner, Emilia Iannilli, Martin Witt

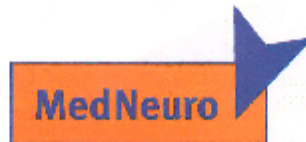
	Friday, 4th of Oct	Saturday, 5th of Oct		Sunday, 6th of Oct			
		course A	course B				
8.30-9.00							
9.00-9.30		Landis	Witt	Welge-Lüßen			
9.30-10.00		Just					
10.00-10.30				Abomaali			
10.30-11.00							
11.00-11.30		break		Iannilli			
11.30-12.00		Witt	Landis				
12.00-12.30			Just	break			
12.30-13.00							
13.00-13.30	Registration						
13.30-14.00	Welcome	break		Croy			
14.00-14.30	Hummel			Vodicka			
14.30-15.00							
15.00-15.30	Haehner	Demonstrations -					
15.30-16.00		30 min each		Konstantindis			
16.00-16.30	break						
16.30-17.00	Philpott			Plenary discussion			
17.00-17.30							
17.30-18.00	Damm						
18.00-18.30							
18.30-19.00	Rombaux						
19.00-19.30							
19.30-20.00					Demonstrations		
20.00-20.30		Dinner			Gudziol - Biopsies, endoscopy		
20.30-21.00					Reden - olfactory tests, trigeminal		
21.00-21.30					Croy - Questionnaires, QoL etc.		
21.30-22.00					Iannilli - olfactometry, gustometry		
22.00-22.30					Just - taste test, retronasal		
22.30-23.00					Landis - nasal airflow		

Course “Smell and Taste for Neuroscientists” on Oct 14: 20 international participants from the Berlin School of Neuroscience: Lecturers included Martin Witt, Antje Haehner, Emilia Iannilli, Charlotte Sinding, Valentin Schriever, Thomas Hummel, Mandy Scheibe.

Monday, 14th of October 2013				
	group A	group B		
10:00	Arrival		MTZ	Fiedlerstraße 42, MTZ building, Foyer
10.00-10:45	Hummel - smell, taste: general introduction		MTZ	MTZ building, seminar room 4
10.45-11.00	break			
11.00-13.00	Witt - histology, anatomy of the chemical senses; brain dissection		MTZ	basement of Anatomy Dept.
13.00-14:00	Lunch		MTZ	
14:00-14:30	Iannilli - source localisation			
14:30-15:00	Hähner - neurodegeneration			
15:00-15:30	Sinding - odor mixtures		MTZ	
15:30-16:00	transfer MTZ - ENT clinic			
16:00-16:30	Scheibe - nasal endoscopy, oral endoscopy	Schriever - ortho- and retronassal olfactory tests, taste tests		HNO
16:30-17:00	Schriever - ortho- and retronassal olfactory tests, taste tests	Scheibe - nasal endoscopy, oral endoscopy		HNO
17:00-17:30	Transport to train station			



International Graduate Program Medical Neurosciences



Teaching Award

from the students of the
International Graduate Program Medical Neurosciences

Prof. Dr. med. Thomas Hummel

has been awarded the

2nd Prize

for his superior instruction and educational guidance
during the Module *Clinical Neurosciences* 2012/2013.

Berlin, 25 September 2013

Prof. Dr. Ulrich Dirnagl
Admissions and Examinations Commission
Chair

Laura Empl
Program Coordination Commission
Student representative

Eine gemeinsame Einrichtung der Freien Universität Berlin und der Humboldt-Universität zu Berlin

