

Curriculum vitae

Personal data

Name: Thomas F. Münte
Date of birth: 05.05.1960

School and University Education

1966 till 1969	Primary School Uslar
1969 till 1978	Gymnasium Uslar (Abitur)
1978 till 1985	Study of Medicine at the University of Göttingen and Neuroscience (1981-1982) at the University of California San Diego
1989	Medical thesis in the Dept. of Neurology (summa cum laude); Medizinische Hochschule Hannover Prof. Dr. med Künkel
1992	Habilitation in Neurology, Medizinische Hochschule Hannover
1997	Apl. Professor in Neurology

Scientific Career

1985 till 1992	Training in Clinical Neurology Medizinische Hochschule Hannover
1992 till 1998	Registrar and Deputy head (from 1995) of the Dept. of Neurology Medizinische Hochschule Hannover
1996 till 1998	Visiting Professor, Dept. of Cognitive Science, University of California San Diego
1998 till 2010	Head of the Dept. of Neuropsychology, Director of the Institute of Psychology II, University of Magdeburg
2005 till 2010	Consultant Neurology International Neuroscience Institute Hannover (An-Institute of the University of Magdeburg)
since May 2010	Head of the Dept. of Neurology, University of Lübeck

Scientific honours

Speaker of the Center for Brain Behavior and Metabolism, Lübeck (2014-2018)
Speaker of the CRC 654 Plasticity and Sleep (interim 2013/2014)
Speaker of the CRC 779 Neurobiology of Motivated Behavior (2007-2010)
Deputy speaker of the TR-CRC 31 Active Listening (2005-2010)
Head of the Habilitationsausschuss of the University of Lübeck until 1/2015
Speaker of the Section of Medicine (a.k.a. Dean) 2014-2018, again 2020-present
Vice-President University of Lübeck 2017-2018, since 2020
Member of the Executive Board, University Hospital Schleswig-Holstein 2017-2018, since 2020
Member of the Academic Senate Lübeck, since 2010
Member of the Academic Senate Magdeburg (2005-2010)
Vice-Dean University of Magdeburg (2005-2010)
Member of the Scientific Advisory Board German society for Neuropsychology (since 2005)

Fachbeirat MPI for Psycholinguistics (2006-2014)
Member and speaker Fachkollegium DFG FK206 Neuroscience (2012-2020)
Scientific Advisory Board Cluster of Excellence "Hearing for All"
Scientific Advisory Board Institute of Systemic Neuroscience, University of Hamburg
Alois-Kornmüller-Preis der Deutschen EEG Gesellschaft
Rudolf-Schoen-Preis für Klinische Forschung
Hermann und Lilly Schilling Stiftung: Sponsored Professorship at the UC San Diego
Innovationspreis des BMBF für biomedizinische Technik
Otto-von-Guericke-Forschungspreis

Further academic activities

Reviewer for Scientific Organizations (selection):

DFG, DAAD, EU, MRC (UK), ESRC (UK), ERC, Wellcome Trust, Schweizer Nationalfond, ESF, National Science Foundation (USA), COST, Israeli Science Foundation, NWO The Netherlands, German-Israeli-Foundation, EU 6th Framework Program

Reviewer for Journals (selection):

Archives of Neurology, Biological Psychology, BMC Neurology, Brain, Cerebral Cortex, Clinical Neurophysiology, Cortex, Human Brain Mapping, Journal of Cognitive Neuroscience, Journal of Neuroscience, Journal of Physiology, Lancet, Nature, Nature Neuroscience, Neuroimage, Neuron, Science, Trends in Cognitive Science, Trends in Neuroscience

Ten most relevant publications

- Hippmann B, Tzvi E, Göttlich M, Weiblen R, **Münte TF**, Jessen S. Effective connectivity underlying reward-based executive control. *Hum Brain Mapp.* 2021 Jun 26. doi: 10.1002/hbm.25564
- Brunnlieb C, Nave G, Camerer CF, Schosser S, Vogt B, **Münte TF**, Heldmann M. Vasopressin increases human risky cooperative behavior. *Proc Natl Acad Sci U S A.* 2016;113:2051-6.
- Mohammadi B, Hammer A, Miedl SF, Wiswede D, Marco-Pallarés J, Herrmann M, **Münte TF**. Intertemporal choice behavior is constrained by brain structure in healthy participants and pathological gamblers. *Brain Struct Funct* 2016;221:3157-70.
- Camara E, Rodriguez-Fornells A, **Münte TF**. Microstructural brain differences predict functional hemodynamic responses in a reward processing task. *J Neurosci* 2010;30:11398-11402.
- Münte TF**, Heldmann M, Hinrichs H, Marco-Pallares J, Kramer UM, Sturm V, et al. Contribution of subcortical structures to cognition assessed with invasive electrophysiology in humans. *Front Neurosci* 2008;2:72-7
- Krämer UM, Cunillera T, Càmara E, Marco-Pallarés J, Cucurell D, Nager W, Bauer P, Schüle R, Schöls L, Rodriguez-Fornells A, **Münte TF**. The impact of catechol-O-methyltransferase and dopamine D4 receptor genotypes on neurophysiological markers of performance monitoring. *J Neurosci* 2007;27:14190-8
- Münte TF**, Altenmuller E, Jancke L. The musician's brain as a model of neuroplasticity. *Nature Reviews Neuroscience* 2002;3:473-478.
- Rodriguez-Fornells A, Rotte M, Heinze HJ, Nosselt T, **Münte TF**. Brain potential and functional MRI evidence for how to handle two languages with one brain. *Nature* 2002;415:1026-1029.
- Münte TF**, Kohlmetz C, Nager W, Altenmuller E. Neuroperception - Superior auditory spatial tuning in conductors. *Nature* 2001;409:580-581.
- Münte TF**, Schiltz K, Kutas M. When temporal terms belie conceptual order. *Nature* 1998; 395:71-73.
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