Counteracting incentive sensitization in severe alcohol dependence using deep brain stimulation of the Nucleus accumbens: clinical and basic science aspects

Hans-Jochen Heinze1,2, Marcus Heldmann1,2, Jürgen Voges1,3, Hermann Hinrichs1, Josep Marco-Pallares4,5, Jens-Max Hopf1,2, Ulf J. Müller6, Imke Galazky1, Volker Sturm7, Bernard Bogerts6, Thomas F. Münte*,

1Dept. of Neurology, University of Magdeburg, Germany
2Leibniz Institute of Neurobiology, Magdeburg, Germany
3Stereotactic Neurosurgery, University of Magdeburg, Germany
4Dept. of Neuropsychology, University of Magdeburg, Germany
5Institut d’Investigacions Biomèdiques de Bellvitge (IDIBELL), Barcelona, Spain
6Dept. of Psychiatry, University of Magdeburg, Germany
7Department of Stereotactic and Functional Neurosurgery, University of Cologne, Germany

Running Title:
DBS in alcohol addiction

* Correspondence:
Thomas F. Münte, MD
Dept. of Neuropsychology
University of Magdeburg
Gebäude 24
Universitätsplatz 2
39106 Magdeburg, Germany
thomas.muente@medizin.uni-magdeburg.de


