

Daniela Balslev

A. Personal data

Current position: Marie Curie research fellow (from august 1, 2010)

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B. Education

- Licence for independent practice as a physician (1.5 year clinical education), Danish National Board of Health, June 2007
- PhD, Graduate School of Neuroscience, University of Copenhagen, September 2005
- MD, University of Copenhagen, February 2002

C. Employment

- Post doc (Marie Curie + Danish Medical Research Councils fellowships)
University of Tuebingen, with Prof Hans-Otto Karnath 1 august 2010 – 31 july 2012
University of Copenhagen 1 august 2012 – 31 july 2013)
- Post doc (Danish Medical Research Councils fellowship)
University of Birmingham, with Prof Chris Miall and Prof Glyn Humphreys, 1 june 2007- 31 may 2009
University of Copenhagen, with Prof. Olaf Paulson and Prof. Hartwig Siebner, 1 june 2009- 31.06. 2010

D. Grants

- “How do cortical representations of eye position impact on spatial cognition”, Marie Curie intra-european fellowship for career development, €200,000, 2010-2012 and Research Grant from the Danish Medical Research Councils €400,000, 2010-2013
- “Proprioception: effects on visual attention.” Postdoc fellowship, Danish Medical Research Councils €200,000, 2007-2010

E. Awards

- Young Investigator Talk, Gordon Conference on Eye Movements, 2011
- Magstim Young Investigator Award, 2010
- Graduate Student Award at the Annual Meeting of the International Multisensory Research Forum, 2004
- Short-visit grant awards from the Royal Society UK (2005), Experimental Psychology Society UK (2005), the Wellcome Trust (2007 and 2008), Center for Integrative Neuroscience at the University of Tuebingen (2008).

F. Other

- Ad-hoc reviewer for Cerebral Cortex, NeuroImage, Stroke, Brain, Brain Research and Journal of Cognitive Neuroscience, Journal of Neuroscience Methods, European Journal of Neuroscience
- Invited talk at TMS Summer School, University of Oxford, 2011, invited seminar at the University of Provence, Marseille (host: Prof. Jean Blouin), University of Leicester (Host: Dr. Steve Shimozaki) and University of Cologne (host: Prof Otmar Bock)

- Advisor for PhD student Bartholomaeus Odoj

G. Publication list

Peer-reviewed first-author papers

1. **D. Balslev**, E. Gowen, R.C. Miall. (2011) Decreased visual attention further from the perceived direction of gaze for equidistant retinal targets. *J Cogn Neurosci*, 23(3):661-9
2. **D. Balslev**, N.B. Albert, R.C. Miall. (2011) Eye muscle proprioception represented bilaterally in the sensorimotor cortex. *Human Brain Mapping*, 32(4):624-31
3. **D. Balslev**, R.C. Miall. (2008) Eye position representation in human anterior parietal cortex. *J Neuroscience* 2008, 28:8968-72
4. **D. Balslev**, R.C. Miall, J. Cole. (2007) Proprioceptive deafferentation slows down the processing of visual hand feedback. *J. Vision*, 7(5):12.1-7, 2007
5. **D. Balslev**, J. Cole, R.C. Miall. (2007) Proprioception contributes to the sense of agency during visual observation of hand movements: evidence from temporal judgments of action. *Journal of Cogn Neurosci*, 19:1535-41.
6. **D. Balslev**, W. Braet, C. McAllister, R.C. Miall. (2007) Inter-individual variability in optimal current direction for transcranial magnetic stimulation of the motor cortex. *Journal of Neuroscience Methods*, 162:309- 13.
7. **D. Balslev**, F. Å. Nielsen, T.E. Lund, I. Law, O.B. Paulson. (2006) Similar brain networks for detecting visuo-motor and visuo-proprioceptive synchrony. *Neuroimage*, 15;31(1):308-12
8. **D. Balslev**, F. Å. Nielsen, O. B. Paulson, I. Law. (2005) Right temporoparietal cortex activation during visuoproprioceptive conflict. *Cerebral Cortex*, 15: 166-9.
9. **D. Balslev**, L. O. D. Christensen, J-H. Lee, I. Law, O B. Paulson, R. C. Miall. (2004) Enhanced accuracy of mirror-drawing after rTMS-induced proprioceptive deafferentation. *J. Neuroscience*, 24: 9698-702.
10. **D. Balslev**, F. Å. Nielsen, S. A. Frutiger, J. J. Sidtis, T. B. Christiansen, C. Svarer, S. C. Strother, D. A. Rottenberg, L. K. Hansen, O. B. Paulson, I Law. (2002) Cluster analysis of activity-time series in motor learning . *Human Brain Mapping*, 15: 135-45, 2002.

Co-authored papers

1. C.P. Jackson, R.C. Miall, **D. Balslev** (2010) Spatially valid proprioceptive cues improve the detection of a visual stimulus. *Exp Brain Res*. 2010 Aug;205(1):31-40
2. F.A. Nielsen, **D. Balslev**, L.K. Hansen (2005). Mining the posterior cingulate: segregation between memory and pain components. *Neuroimage*. 27(3):520-32.
3. F.A. Nielsen, L.K. Hansen, **D. Balslev** (2004). Mining for associations between text and brain activation in a functional neuroimaging database. *Neuroinformatics*;2(4):369-80.

Co-authored book chapters

1. E.M. Aminoff, **D. Balslev**, P. Borroni, R.E. Bryan, E.F. Chua, J. Cloutier, E.S. Cross, T. Drew, C.M. Funk, R. Gil-da-Costa, S.A. Guerin, J.L. Hall, K.E. Jordan, A.N. Landau, I. Molnar-Szakacs, L. Montaser-Kouhsari, J. Olofsson, S. Quadflieg, L.H. Somerville, J.L. Sy, L.Q. Uddin, M. Yamada. The landscape of cognitive neuroscience: Challenges, rewards, and new perspectives. In Gazzaniga, M.S. (Ed) *The Cognitive Neurosciences 4th Ed*, MIT press, 2009. ISBN: 978-0-262-01341-3
2. T. Ramsoy, **D. Balslev**, O.B. Paulson (2010) Methods for observing the living brain. In Baars, B. & Gage, N.(Eds.) *Cognition, Brain and Consciousness-Introduction to Cognitive Neuroscience*, Second edition, Elsevier Science, pp. 555-589 ISBN: 978-0-12-375070-9
2. T. Ramsoy, **D. Balslev**, O.B. Paulson (2007) Methods for observing the living brain. In Baars, B. & Gage, N.(Eds.) *Cognition, Brain and Consciousness*, Amsterdam, Netherlands. Academic Press, pp. 477-511 ISBN-13: 978-0-12-373677-2
3. C. Gerlach, **D. Balslev**, O.B. Paulson (2007) What is PET and fMRI. In Skov, M. and Jensen T.W. (Eds.), *Følelse og Kognition (Feelings and Cognition – in Danish)*, Copenhagen, Denmark. Museum Tusulanum Press, pp. 35-52, ISBN 978-87-635-0584-0

