

Curriculum vitae

Nina Linde Højland Reislev

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Work Address

Danish Research Centre for Magnetic Resonance (DRCMR)
Centre for Functional and Diagnostic Imaging and Research
Copenhagen University Hospital Hvidovre
MR-Research Section 714
Kettegård Allé 30, 2650 Hvidovre, Denmark

Current Position

2014 - Post doc, project “Live Active Healthy Ageing”: DRCMR and Center for Healthy Aging (CEHA), University of Copenhagen (KU).

Education

2011 – 2014 PhD at DRCMR and Department of Neuroscience and Pharmacology, KU, Denmark.
Project title: ”The Wiring of the Blind Brain”, funded by the Lundbeck Foundation.
2012 – 2013 Research stay at University of Oxford, Department of Physiology, Anatomy, and Genetics.
2010 – 2011 Research assistant, DRCMR.
2004 - 2010 Civil engineer in Medicine and Technology at the Technical University of Denmark (DTU) and KU.

Publications

- Training shortest-path tractography: Automatic learning of spatial priors. Niklas Kasenburg, Matthew Liptrot, Nina Linde Reislev, Silas N. Ørting, Mads Nielsen, Ellen Garde, Aasa Feragen. *NeuroImage* 130:63-76, 2016.
- Simultaneous assessment of white matter changes in microstructure and connectedness in the blind brain. Reislev, N.L., Dyrby, T., Siebner, H.R., Kupers, R., Ptito, M. In press *Neural Plasticity* 2016.
- Blindness alters the microstructure of the ventral but not the dorsal visual stream. Reislev, N.L., Kupers, R., Siebner, H. R., Ptito, M., Dyrby, T.B. *Brain Structure and Function*, July 2015.
- Prevalence of increases in functional connectivity in visual, somatosensory and language areas in congenital blindness. Heine L, Bahri MA, Cavaliere C, Soddu A, Reislev NL, Laureys S, Ptito M and Kupers R. *Front. Neuroanat.* 9:86, 2015.
- Interpolation of diffusion weighted imaging dataset. Dyrby, T.B., Lundell, H., Burke, M., Reislev, N.L., Paulson, O.B., Ptito, M., Siebner, H. *NeuroImage* 2014.

Public oral presentations

- “Forskningens Døgn”, April 2016, “Fortællinger fra en MR-skanner: Hjernens plasticitet og påvirkelighed”.
- Rødovre Lungeforening, January 2016 “Hjernens plasticitet og påvirkelighed - en fortælling set fra en MR-skanner”.
- “Kulturnatten” at Medical Museion, October 2015 “Aldringsforskningens råmateriale – Fra Magnetisme til mikrostruktur”.

Activities, Teaching, and Supervision

- MRI coordinator of clinical contract studies, DRCMR.
- Data analysis manager in DRCMR Reader Centre.
- Teaching:
 - PhD-course “Tracing brain and behavioural changes across the lifespan: Influence of intrinsic and extrinsic factors” (2016).
 - PhD-course “Linking MRI to the Neuroanatomy of the human brain” (2012, 2014).
 - Lectures on diffusion MRI principles and DTI modelling, and basics of functional MRI.

- Supervision:
 - Co-supervisor of PhD-student, DRCMR, from autumn 2015.
 - Co-supervisor of BSc students from medicine and technology, DTU and KU, spring 2015.
 - Co-supervision of psychology student on the Science Research Practicum from Danish Institute for Study Abroad (DIS), spring 2015.
 - Co-supervision of MSc student, DTU and DRCMR, Oct. 2013 - Feb. 2014.

Languages: Danish as native language and fluent in English and German.