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Ventral striatal atrophy in Alzheimer's disease : exploring a potential new imaging marker for early dementia

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Citation

Jong, L. W. de. (2018, December 11). *Ventral striatal atrophy in Alzheimer's disease : exploring a potential new imaging marker for early dementia*. Retrieved from <https://hdl.handle.net/1887/67427>

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Title: Ventral striatal atrophy in Alzheimer's disease : exploring a potential new imaging marker for early dementia

Issue Date: 2018-12-11

APPENDIX B

List of publications

- de Jong LW, Vidal JS, Forsberg LE, Zijdenbos AP, Haight T, et al. (2017). "Allometric scaling of brain regions to intra-cranial volume: An epidemiological MRI study". *Hum. Brain Mapp.* 38(1): 151–164. DOI: [10.1002/hbm.23351](https://doi.org/10.1002/hbm.23351).
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- de Jong LW, Forsberg LE, Vidal JS, Sigurdsson S, Zijdenbos AP, et al. (2014). "Different susceptibility of medial temporal lobe and basal ganglia atrophy rates to vascular risk factors". *Neurobiol. Aging* 35(1): 72–78. DOI: [10.1016/j.neurobiolaging.2013.07.009](https://doi.org/10.1016/j.neurobiolaging.2013.07.009).
- de Rotrou J, Wu YH, Mabire JB, Moulin F, de Jong LW, et al. (2013). "Does cognitive function increase over time in the healthy elderly?" *PLoS ONE* 8(11): e78646. DOI: [10.1371/journal.pone.0078646](https://doi.org/10.1371/journal.pone.0078646).
- de Jong LW, Wang Y, White LR, Yu B, van Buchem MA, and Launer LJ (2012). "Ventral striatal volume is associated with cognitive decline in older people: a population based MR-study". *Neurobiol. Aging* 33(2): 1–10. DOI: [10.1016/j.neurobiolaging.2010.09.027](https://doi.org/10.1016/j.neurobiolaging.2010.09.027).
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- de Jong LW, van der Hiele K, Veer IM, Houwing JJ, Westendorp RG, et al. (2008). "Strongly reduced volumes of putamen and thalamus in Alzheimer's disease: an MRI study". *Brain* 131(12): 3277–3285. DOI: [10.1093/brain/awn278](https://doi.org/10.1093/brain/awn278).

- de Kroon CD and de Jong LW (2007). "De standaard 'Pelvic inflammatory disease' (eerste herziening) van het Nederlands Huisartsen Genootschap; reactie vanuit de gynaecologie". *Ned. Tijdschr. Geneesk.* 151 (13): 732–734. URL: <https://www.ntvg.nl/system/files/publications/2007107320001a.pdf> (visited on 09/10/2018).
- Monraats PS, de Vries F, de Jong LW, Pons D, Sewgobind VD, et al. (2006). "Inflammation and apoptosis genes and the risk of restenosis after percutaneous coronary intervention". *Pharmacogenet. Genomics* 16 (10): 747–754. DOI: [10.1097/01.fpc.0000220572.28585.5e](https://doi.org/10.1097/01.fpc.0000220572.28585.5e).

APPENDIX C

Dankwoord

Hierbij wil ik iedereen bedanken die heeft bijgedragen aan de totstandkoming van dit proefschrift, en in het bijzonder:

Mark, dank voor je open blik en positieve feedback tijdens het gehele traject van mijn onderzoek, maar bovenal het vertrouwen en de ruimte die je me hebt gegeven voor het volgen van mijn eigen pad in de wetenschap.

Lenore, thank you for your guidance and feedback over the years. Your critical and thorough approach in science have shaped and sharpened my work and me as a scientist.

Alex, Lars, Jeroen, Ilja, Paul, Luca, Pauline en Elmi dank ik voor de goede samenwerking. Many thanks to all colleagues of the Laboratory of Epidemiology Biometry and Demography for the pleasant collaboration and good memories, with a special thank to Paolo, Sonia, Julia, Salka, Saskia, Patrick, Annemarie, and Kushang.

Siggi, Villi and Gudny, Kærar þakkir fyrir hlýjar móttökur á stofnun þinni. Ég hef lært mikið af sérfræðipækkingu þinni.

Jean, Marie-Françoise, Rébecca, Alexandre et Clémentine, je vous remercie, grâce à vous j'ai pu me sentir chez moi en France.

Opa, bedankt voor alle inspirerende gesprekken.

Ilse en Jasmijn mijn steun en toeverlaten. Jullie zijn onmisbaar voor mij.

Pap en Mam, bedankt voor jullie onvoorwaardelijke steun en belangstelling.

Jean-Sébastien, l'amour ne connaît pas de limites ou de distance. Je t'aime.

Oskar en Louise, lieverds, bedankt voor alle blijdschap en liefde iedere dag weer.

APPENDIX D

Curriculum vitae

Laura de Jong was born in Gouda, on May 27, 1981.

After finishing high school at the Coenecoop College in Waddinxveen, she started her medical studies at the Leiden University Medical Center (LUMC) in 1999 and her study in history at the University of Leiden in 2001. In 2005 she graduated in history of science and obtained her bachelor's degree in history. In 2008 she obtained her medical degree and started the PhD research project under supervision of Professor Mark van Buchem (LUMC) and Dr. Lenore Launer (National Institute on Aging, National Institute of Health (NIA/NIH)). For the execution of the research she received an AGIKO-grant from the Dutch Organisation for Health Research and Development (Zon Mw). In the following years until October 2011, she performed research at the NIA/NIH in Bethesda, MD/US, and the Icelandic Heart Institute in Kópavogur/IS. Upon her return to the Netherlands, she entered the radiology residency program of the LUMC and subspecialized in neuroradiology. During her training she worked 12 months as a resident in radiology at Sainte-Anne hospital in Paris/FR under supervision of professors Catherine Oppenheim and Jean-François Meder. In 2017 she obtained the *Diplôme Inter-Universitaire Imagerie neurovasculaire diagnostique et thérapeutique* at the *Université René Descartes* and in 2018 the European Diploma in Neuroradiology (EBNR). In 2018 she was registered as a radiologist in the Netherlands and in France. The same year she was awarded a grant from the European Society of Neuroradiology for a 12-month research fellowship in diagnostic neuroradiology at Sainte-Anne hospital in Paris. Laura currently lives in Paris with her partner Jean-Sébastien and their two children Oskar and Louise.