

Accepted Manuscript

Title: Brain structural changes in women and men during midlife

Author: J.Y. Guo M. Isohanni J. Miettunen E. Jääskeläinen V. Kiviniemi J. Nikkinen J. Remes S. Huhtaniska J. Veijola P.B. Jones G.K. Murray



PII: S0304-3940(16)30007-6
DOI: <http://dx.doi.org/doi:10.1016/j.neulet.2016.01.007>
Reference: NSL 31765

To appear in: *Neuroscience Letters*

Received date: 9-11-2015
Revised date: 4-1-2016
Accepted date: 5-1-2016

Please cite this article as: J.Y.Guo, M.Isohanni, J.Miettunen, E.Jääskeläinen, V.Kiviniemi, J.Nikkinen, J.Remes, S.Huhtaniska, J.Veijola, P.B.Jones, G.K.Murray, Brain structural changes in women and men during midlife, *Neuroscience Letters* <http://dx.doi.org/10.1016/j.neulet.2016.01.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Brain structural changes in women and men during midlife

Guo JY¹, Isohanni M^{2,3}, Miettunen J^{2,4,5}, Jääskeläinen E^{2,3}, Kiviniemi V⁶, Nikkinen J⁶, Remes J⁶, Huhtaniska S², Veijola J^{2,3}, Jones PB^{1,8}, Murray GK^{1,8*} gm285@cam.ac.uk

¹Department of Psychiatry, University of Cambridge, Box 189 Cambridge Biomedical Campus, CB2 0QQ, United Kingdom

²Department of Psychiatry, Institute of Clinical Medicine, P.O. Box 5000, 90014 University of Oulu, Oulu, Finland.

³Department of Psychiatry, Oulu University Hospital, Kajaanintie 50, 90220 Oulu, Finland.

⁴Institute of Health Sciences, P.O. Box 5000, 90014 University of Oulu, Oulu, Finland

⁵Unit of General Practice, Oulu University Hospital, Aapistie 1, 90220 Oulu, Finland.

⁶Department of Diagnostic Radiology, Oulu University Hospital, Kajaanintie 50, 90220 Oulu, Finland

⁸Behavioural and Clinical Neuroscience Institute, University of Cambridge, Cambridge CB2 0QQ, UK.

*Correspondence author at: Department of Psychiatry, University of Cambridge, Box 189 Cambridge Biomedical Campus, CB2 0QQ, United Kingdom. +441223764678.

Download English Version:

<https://daneshyari.com/en/article/6279892>

Download Persian Version:

<https://daneshyari.com/article/6279892>

[Daneshyari.com](https://daneshyari.com)