



Correction: Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation

Joshua C. Bis¹ · Xueqiu Jian² · Brian W. Kunkle³ · Yuning Chen⁴ · Kara L. Hamilton-Nelson³ · William S. Bush⁵ · William J. Salerno⁶ · Daniel Lancour⁷ · Yiyi Ma⁷ · Alan E. Renton⁸ · Edoardo Marcora^{8,9} · John J. Farrell⁷ · Yi Zhao¹⁰ · Liming Qu¹⁰ · Shahzad Ahmad¹¹ · Najaf Amin¹² · Philippe Amouyel^{12,13,14} · Gary W. Beecham³ · Jennifer E. Below¹⁵ · Dominique Campion^{16,17} · Laura Cantwell¹⁰ · Camille Charbonnier¹⁶ · Jaeyoon Chung⁷ · Paul K. Crane¹ · Carlos Cruchaga¹⁸ · L. Adrienne Cupples^{4,19} · Jean-François Dartigues²⁰ · Stéphanie Debette^{20,21} · Jean-François Deleuze²² · Lucinda Fulton²³ · Stacey B. Gabriel²⁴ · Emmanuelle Genin²⁵ · Richard A. Gibbs⁶ · Alison Goate^{8,9} · Benjamin Grenier-Boley¹² · Namrata Gupta²⁴ · Jonathan L. Haines⁵ · Aki S. Havulinna^{26,27} · Seppo Helisalmi²⁸ · Mikko Hiltunen²⁹ · Daniel P. Howrigan^{30,31} · M. Arfan Ikram¹¹ · Jaakko Kaprio²⁶ · Jan Konrad¹⁸ · Amanda Kuzma¹⁰ · Eric S. Lander²⁴ · Mark Lathrop³² · Terho Lehtimäki³³ · Honghuang Lin³⁴ · Kari Mattila³³ · Richard Mayeux³⁵ · Donna M. Muzny⁶ · Waleed Nasser⁶ · Benjamin Neale^{30,31} · Kwangsik Nho³⁶ · Gaël Nicolas¹⁶ · Devanshi Patel⁷ · Margaret A. Pericak-Vance³ · Markus Perola^{26,27,37} · Bruce M. Psaty^{1,38,39,40} · Olivier Quenez¹⁶ · Farid Rajabli³ · Richard Redon⁴¹ · Christiane Reitz³⁵ · Anne M. Remes^{28,42} · Veikko Salomaa²⁷ · Chloe Sarnowski⁴ · Helena Schmidt⁴³ · Michael Schmidt³ · Reinhold Schmidt⁴³ · Hilikka Soininen^{28,44} · Timothy A. Thornton⁴⁵ · Giuseppe Tosto³⁵ · Christophe Tzourio²⁰ · Sven J. van der Lee¹¹ · Cornelia M. van Duijn¹¹ · Otto Valladares¹⁰ · Badri Vardarajan³⁵ · Li-San Wang¹⁰ · Weixin Wang¹⁰ · Ellen Wijsman^{46,47} · Richard K. Wilson²³ · Daniela Witten^{45,47} · Kim C. Worley⁶ · Xiaoling Zhang^{4,7} · Alzheimer's Disease Sequencing Project · Celine Bellenguez¹² · Jean-Charles Lambert¹² · Mitja I. Kurki^{26,30,31} · Aarno Palotie^{26,30,31} · Mark Daly^{24,26,31} · Eric Boerwinkle^{6,48} · Kathryn L. Lunetta⁴ · Anita L. Destefano^{4,49} · Josée Dupuis⁴ · Eden R. Martin³ · Gerard D. Schellenberg¹⁰ · Sudha Seshadri^{19,49,50} · Adam C. Naj¹⁰ · Myriam Fornage^{2,48} · Lindsay A. Farrer^{4,7,49,51,52}

Published online: 21 October 2019

© The Author(s) 2019. This article is published with open access

Correction to: Molecular Psychiatry

<https://doi.org/10.1038/s41380-018-0112-7>
published online 14 August 2018

Following publication, the authors noticed that ‘Laura Cantwell’, ‘Otto Valladares’, and ‘Li-San Wang’ were

inadvertently omitted from the author list. These authors have now been added to the author list in 21st, 77th, and 79th position, respectively. This has been corrected in both the PDF and HTML versions of the article.

These authors contributed equally: Joshua C. Bis, Xueqiu Jian, Brian W. Kunkle, Yuning Chen

These authors equally supervised the study: Adam C. Naj, Myriam Fornage, Lindsay A. Farrer

✉ Lindsay A. Farrer
farrer@bu.edu

Extended author information available on the last page of the article

- 1 Department of Medicine (General Internal Medicine), University of Washington, Seattle, WA, USA
- 2 Institute of Molecular Medicine, McGovern Medical School, University of Texas Health Science Center at Houston, Houston, TX, USA
- 3 John P. Hussman Institute for Human Genomics, Miller School of Medicine, University of Miami, Miami, FL, USA
- 4 Departments of Biostatistics, Boston University School of Public Health, Boston, MA, USA
- 5 Case Western Reserve University, Cleveland Heights, OH, USA
- 6 Human Genome Sequencing Center and Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, TX, USA
- 7 Department of Medicine (Biomedical Genetics), Boston University School of Medicine, Boston, MA, USA
- 8 Department of Neuroscience and Ronald M Loeb Center for Alzheimer's Disease, Icahn School of Medicine at Mount Sinai, New York, NY, USA
- 9 Department of Genetics and Genomics Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, USA
- 10 University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, USA
- 11 Erasmus University Medical Center, Rotterdam, Netherlands
- 12 Inserm, U1167, RID-AGE-Risk Factors and Molecular Determinants of Aging-Related Diseases, Lille, France
- 13 Institut Pasteur de Lille, Lille, France
- 14 University Lille, U1167-Excellence Laboratory LabEx DISTALZ, Lille, France
- 15 Department of Medical Genetics, Vanderbilt University Medical Center, Nashville, TN, USA
- 16 Department of Genetics and CNR-MAJ, Normandie Université, UNIROUEN, Inserm U1245 and Rouen University Hospital, F 76000, Normandy Centre for Genomic and Personalized Medicine, Rouen, France
- 17 Department of Research, Centre Hospitalier du Rouvray, Sotteville-lès-, Rouen, France
- 18 Department of Psychiatry, Washington University, St. Louis, MO, USA
- 19 National Heart, Lung, and Blood Institute's Framingham Heart Study, Framingham, MA, USA
- 20 University of Bordeaux, Inserm, Bordeaux Population Health Research Center, team VINTAGE, UMR 1219, F-33000 Bordeaux, France
- 21 Department of Neurology and Institute for Neurodegenerative Diseases, Bordeaux University Hospital, Memory Clinic, F-33000 Bordeaux, France
- 22 Centre National de Recherche en Génomique Humaine, Institut François Jacob, Direction de la Recherche Fondamentale, CEA, Evry, France
- 23 McDonnell Genome Institute, Washington University, St. Louis, MO, USA
- 24 Broad Institute of MIT and Harvard, Cambridge, MA, USA
- 25 Inserm UMR-1078, CHRU Brest, Université Brest, Brest, France
- 26 Institute for Molecular Medicine Finland (FIMM), University of Helsinki, Helsinki, Finland
- 27 National Institute for Health and Welfare, Helsinki, Finland
- 28 Institute of Clinical Medicine - Neurology and Department of Neurology, University of Eastern Finland, Kuopio, Finland
- 29 Institute of Biomedicine, University of Eastern Finland, Kuopio, Finland
- 30 Program in Medical and Population Genetics and Genetic Analysis Platform, Stanley Center for Psychiatric Research, Broad Institute of MIT and Harvard, Cambridge, MA, USA
- 31 Psychiatric & Neurodevelopmental Genetics Unit, Massachusetts General Hospital, Boston, MA, USA
- 32 McGill University and Génome Québec Innovation Centre, Montréal, Canada
- 33 Department of Clinical Chemistry, Fimlab Laboratories and Finnish Cardiovascular Research Center-Tampere, Faculty of Medicine and Life Sciences, University of Tampere, Tampere, Finland
- 34 Department of Medicine (Computational Biomedicine), Boston University School of Medicine, Boston, MA, USA
- 35 Columbia University, New York, NY, USA
- 36 Indiana University School of Medicine, Indianapolis, IN, USA
- 37 University of Tartu, Estonian Genome Center, Tartu, Estonia
- 38 Department of Epidemiology, University of Washington, Seattle, WA, USA
- 39 Department of Health Services, University of Washington, Seattle, WA, USA
- 40 Kaiser Permanente Washington Health Research Institute, Seattle, WA, USA
- 41 Inserm, CNRS, Univ. Nantes, CHU Nantes, l'institut du thorax, Nantes, France
- 42 Unit of Clinical Neuroscience, Neurology, University of Oulu and Medical Research Center, Oulu University Hospital, Oulu, Finland
- 43 Department of Neurology, Clinical Division of Neurogeriatrics, Medical University of Graz, Graz, Austria
- 44 Department of Neurology, Kuopio University Hospital, Kuopio, Finland
- 45 Department of Statistics, University of Washington, Seattle, WA, USA
- 46 Department of Medicine (Medical Genetics), University of Washington, Seattle, WA, USA
- 47 Department of Biostatistics, University of Washington, Seattle, WA, USA

- ⁴⁸ School of Public Health, University of Texas Health Science Center at Houston, Houston, TX, USA
- ⁴⁹ Departments of Neurology, Boston University School of Medicine, Boston, MA, USA
- ⁵⁰ Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases, University of Texas Health Sciences Center, San Antonio, TX, USA
- ⁵¹ Department of Epidemiology, Boston University School of Public Health, Boston, MA, USA
- ⁵² Department of Ophthalmology, Boston University School of Medicine, Boston, MA, USA

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.



Minerva Access is the Institutional Repository of The University of Melbourne

Author/s:

Bis, JC; Jian, X; Kunkle, BW; Chen, Y; Hamilton-Nelson, KL; Bush, WS; Salerno, WJ; Lancour, D; Ma, Y; Renton, AE; Marcora, E; Farrell, JJ; Zhao, Y; Qu, L; Ahmad, S; Amin, N; Amouyel, P; Beecham, GW; Below, JE; Campion, D; Cantwell, L; Charbonnier, C; Chung, J; Crane, PK; Cruchaga, C; Cupples, LA; Dartigues, J-F; Debette, S; Deleuze, J-F; Fulton, L; Gabriel, SB; Genin, E; Gibbs, RA; Goate, A; Grenier-Boley, B; Gupta, N; Haines, JL; Havulinna, AS; Helisalmi, S; Hiltunen, M; Howrigan, DP; Ikram, MA; Kaprio, J; Konrad, J; Kuzma, A; Lander, ES; Lathrop, M; Lehtimäki, T; Lin, H; Mattila, K; Mayeux, R; Muzny, DM; Nasser, W; Neale, B; Nho, K; Nicolas, G; Patel, D; Pericak-Vance, MA; Perola, M; Psaty, BM; Quenez, O; Rajabli, F; Redon, R; Reitz, C; Remes, AM; Salomaa, V; Sarnowski, C; Schmidt, H; Schmidt, M; Schmidt, R; Soininen, H; Thornton, TA; Tosto, G; Tzourio, C; van der Lee, SJ; van Duijn, CM; Valladares, O; Vardarajan, B; Wang, L-S; Wang, W; Wijsman, E; Wilson, RK; Witten, D; Worley, KC; Zhang, X; Alzheimer's Disease Sequencing Project,; Bellenguez, C; Lambert, J-C; Kurki, MI; Palotie, A; Daly, M; Boerwinkle, E; Lunetta, KL; Destefano, AL; Dupuis, J; Martin, ER; Schellenberg, GD; Seshadri, S; Naj, AC; Fornage, M; Farrer, LA

Title:

Correction: Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation.

Date:

2020-08

Citation:

Bis, J. C., Jian, X., Kunkle, B. W., Chen, Y., Hamilton-Nelson, K. L., Bush, W. S., Salerno, W. J., Lancour, D., Ma, Y., Renton, A. E., Marcora, E., Farrell, J. J., Zhao, Y., Qu, L., Ahmad, S., Amin, N., Amouyel, P., Beecham, G. W., Below, J. E., ... Farrer, L. A. (2020). Correction: Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation.. *Mol Psychiatry*, 25 (8), pp.1901-1903. <https://doi.org/10.1038/s41380-019-0529-7>.