



## OPEN ACCESS

APPROVED BY  
Frontiers Editorial Office,  
Frontiers Media SA, Switzerland

## \*CORRESPONDENCE

Hanna K. Isotalus  
✉ hanna.isotalus@bristol.ac.uk  
Elizabeth J. Coulthard  
✉ elizabeth.coulthard@bristol.ac.uk

## †PRESENT ADDRESS

Ullrich Bartsch,  
UK Dementia Research Institute, Care  
Research and Technology Centre at Imperial  
College London and University of Surrey,  
Guildford, United Kingdom;  
Department of Clinical and Experimental  
Medicine, Faculty of Health and Medical  
Sciences, Surrey Sleep Research Centre,  
University of Surrey, Guildford,  
United Kingdom

RECEIVED 09 August 2024

ACCEPTED 12 August 2024

PUBLISHED 28 August 2024

## CITATION

Isotalus HK, Carr WJ, Blackman J, Averill GG,  
Radtke O, Selwood J, Williams R, Ford E,  
McCullagh L, McErlane J, O'Donnell C,  
Durant C, Bartsch U, Jones MW,  
Muñoz-Neira C, Wearn AR, Grogan JP and  
Coulthard EJ (2024) Corrigendum: L-DOPA  
increases slow-wave sleep duration and  
selectively modulates memory persistence in  
older adults.  
*Front. Behav. Neurosci.* 18:1478382.  
doi: 10.3389/fnbeh.2024.1478382

## COPYRIGHT

© 2024 Isotalus, Carr, Blackman, Averill,  
Radtke, Selwood, Williams, Ford, McCullagh,  
McErlane, O'Donnell, Durant, Bartsch, Jones,  
Muñoz-Neira, Wearn, Grogan and Coulthard.  
This is an open-access article distributed  
under the terms of the [Creative Commons  
Attribution License \(CC BY\)](https://creativecommons.org/licenses/by/4.0/). The use,  
distribution or reproduction in other forums is  
permitted, provided the original author(s) and  
the copyright owner(s) are credited and that  
the original publication in this journal is cited,  
in accordance with accepted academic  
practice. No use, distribution or reproduction  
is permitted which does not comply with  
these terms.

# Corrigendum: L-DOPA increases slow-wave sleep duration and selectively modulates memory persistence in older adults

Hanna K. Isotalus<sup>1,2\*</sup>, Will J. Carr<sup>1</sup>, Jonathan Blackman<sup>1,3</sup>,  
George G. Averill<sup>1</sup>, Oliver Radtke<sup>4</sup>, James Selwood<sup>1,3</sup>,  
Rachel Williams<sup>1</sup>, Elizabeth Ford<sup>1</sup>, Liz McCullagh<sup>5</sup>,  
James McErlane<sup>1</sup>, Cian O'Donnell<sup>6</sup>, Claire Durant<sup>7</sup>,  
Ullrich Bartsch<sup>8†</sup>, Matt W. Jones<sup>8</sup>, Carlos Muñoz-Neira<sup>1</sup>,  
Alfie R. Wearn<sup>1</sup>, John P. Grogan<sup>1,9,10</sup> and  
Elizabeth J. Coulthard<sup>1,3\*</sup>

<sup>1</sup>Clinical Neurosciences, Translational Health Sciences, Bristol Medical School, University of Bristol, Bristol, United Kingdom, <sup>2</sup>Digital Health, Faculty of Engineering, University of Bristol, Bristol, United Kingdom, <sup>3</sup>Southmead Hospital, North Bristol NHS Trust, Bristol, United Kingdom, <sup>4</sup>Department of Neurosurgery, Heinrich-Heine-University Clinic, Düsseldorf, Germany, <sup>5</sup>Production Pharmacy, Bristol Royal Infirmary, University Hospitals Bristol and Weston NHS Trust, Bristol, United Kingdom, <sup>6</sup>School of Computer Science, Electrical and Electronic Engineering, and Engineering Mathematics, University of Bristol, Bristol, United Kingdom, <sup>7</sup>Experimental Psychology, University of Bristol, Bristol, United Kingdom, <sup>8</sup>School of Physiology, Pharmacology and Neuroscience, University of Bristol, Bristol, United Kingdom, <sup>9</sup>Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford, United Kingdom, <sup>10</sup>School of Psychology, Trinity College Dublin, Dublin, Ireland

## KEYWORDS

sleep, memory, dopamine, ageing, slow wave sleep, NREM, levodopa, learning

## A Corrigendum on

## L-DOPA increases slow-wave sleep duration and selectively modulates memory persistence in older adults

by Isotalus, H. K., Carr, W. J., Blackman, J., Averill, G. G., Radtke, O., Selwood, J., Williams, R., Ford, E., McCullagh, L., McErlane, J., O'Donnell, C., Durant, C., Bartsch, U., Jones, M. W., Muñoz-Neira, C., Wearn, A. R., Grogan, J. P., and Coulthard, E. J. (2023). *Front. Behav. Neurosci.* 17:1096720. doi: 10.3389/fnbeh.2023.1096720

In the published article, there was an error in the **Funding** statement. The Doctoral Training Grant number was erroneously omitted. The correct **Funding** statement appears below.

## Funding

Funding was from a joint Medical Research Council (MRC grant number S105891-104), UK and BRACEBristol awarded Doctoral Training Grant (MR/K501359/1) to HI, and from a David Telling research grant awarded to HK Isotalus and E Coulthard.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

## Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated

organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.