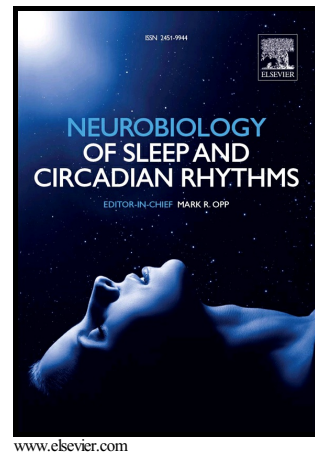


## Author's Accepted Manuscript

Investigating the Relationships Between Hypothalamic Volume and Measures of Circadian Rhythm and Habitual Sleep in Premanifest Huntington's Disease

Danielle M. Bartlett, Juan F. Domínguez D, Alvaro Reyes, Pauline Zaenker, Kirk W. Feindel, Robert U. Newton, Anthony J. Hannan, James A. Slater, Peter R. Eastwood, Alpar S. Lazar, Mel Ziman, Travis Cruickshank



PII: S2451-9944(18)30007-5  
DOI: <https://doi.org/10.1016/j.nbscr.2018.07.001>  
Reference: NBSCR38

To appear in: *Neurobiology of Sleep and Circadian Rhythms*

Received date: 27 April 2018  
Revised date: 28 June 2018  
Accepted date: 2 July 2018

Cite this article as: Danielle M. Bartlett, Juan F. Domínguez D, Alvaro Reyes, Pauline Zaenker, Kirk W. Feindel, Robert U. Newton, Anthony J. Hannan, James A. Slater, Peter R. Eastwood, Alpar S. Lazar, Mel Ziman and Travis Cruickshank, Investigating the Relationships Between Hypothalamic Volume and Measures of Circadian Rhythm and Habitual Sleep in Premanifest Huntington's Disease, *Neurobiology of Sleep and Circadian Rhythms*, <https://doi.org/10.1016/j.nbscr.2018.07.001>

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 galley proof before it is published in its final citable 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.

## Investigating the Relationships Between Hypothalamic Volume and Measures of Circadian Rhythm and Habitual Sleep in Premanifest Huntington's Disease

Danielle M. Bartlett<sup>a\*1</sup>, Juan F. Domínguez D<sup>b\*1</sup>, Alvaro Reyes<sup>c</sup>, Pauline Zaenker<sup>a</sup>, Kirk W. Feindel<sup>d</sup>, Robert U. Newton<sup>e,f</sup>, Anthony J. Hannan<sup>g</sup>, James A. Slater<sup>h</sup>, Peter R. Eastwood<sup>h</sup>, Alpar S. Lazar<sup>i</sup>, Mel Ziman<sup>a,j</sup>, Travis Cruickshank<sup>a,k</sup>

<sup>a</sup>School of Medical and Health Sciences, Edith Cowan University, Joondalup, Western Australia, Australia

<sup>b</sup>School of Psychology, Australian Catholic University, Melbourne, Victoria, Australia

<sup>c</sup>Facultad de Ciencias de la Rehabilitación, Universidad Andres Bello, Santiago, Chile

<sup>d</sup>Centre for Microscopy, Characterisation and Analysis, University of Western Australia, Crawley, Western Australia, Australia

<sup>e</sup>Exercise Medicine Research Institute, School of Medical and Health Sciences, Edith Cowan University, Joondalup, Western Australia, Australia

<sup>f</sup>University of Queensland Centre for Clinical Research, University of Queensland, Brisbane, Queensland, Australia

<sup>g</sup>The Florey Institute of Neuroscience and Mental Health, University of Melbourne, Parkville, Victoria, Australia

<sup>h</sup>Centre for Sleep Science, School of Human Sciences, Faculty of Science, University of Western Australia, Crawley, Western Australia, Australia

<sup>i</sup>Faculty of Medicine and Health Sciences, University of East Anglia, Norwich, Norfolk, United Kingdom

<sup>j</sup>School of Biomedical Science, University of Western Australia, Crawley, Western Australia, Australia

<sup>k</sup>Peron Institute for Neurological and Translational Science, Perth, Western Australia, Australia

\* **Corresponding author:** Danielle M. Bartlett, School of Medical and Health Sciences, Edith Cowan University, 270 Joondalup Drive, Joondalup, Western Australia, 6027, Australia, Tel.: +61 8 6304 3568, d.bartlett@ecu.edu.au

---

<sup>1</sup> Danielle M. Bartlett and Juan F. Dominguez D. contributed equally to the manuscript

Download English Version:

<https://daneshyari.com/en/article/10149390>

Download Persian Version:

<https://daneshyari.com/article/10149390>

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