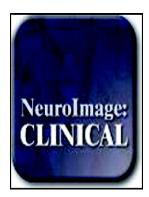
### Accepted Manuscript

Serotonergic dysregulation is linked to sleep problems in Parkinson's disease



Heather Wilson, Beniamino Giordano, Federico E. Turkheimer, Kallol Ray Chaudhuri, Marios Politis

PII:	S2213-1582(18)30071-8
DOI:	doi:10.1016/j.nicl.2018.03.001
Reference:	YNICL 1323
To appear in:	NeuroImage: Clinical
Received date:	17 June 2017
Revised date:	22 February 2018
Accepted date:	1 March 2018

Please cite this article as: Heather Wilson, Beniamino Giordano, Federico E. Turkheimer, Kallol Ray Chaudhuri, Marios Politis, Serotonergic dysregulation is linked to sleep problems in Parkinson's disease. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ynicl(2017), doi:10.1016/j.nicl.2018.03.001

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 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.

## ACCEPTED MANUSCRIPT

#### Serotonergic dysregulation is linked to sleep problems in Parkinson's

#### disease

Heather Wilson,<sup>1</sup> Beniamino Giordano,<sup>1</sup> Federico E. Turkheimer,<sup>2,3</sup> Kallol Ray Chaudhuri,<sup>4</sup> and Marios Politis<sup>1</sup>

<sup>1</sup>Neurodegeneration Imaging Group, Department of Basic and Clinical Neuroscience, Institute of Psychiatry, Psychology and Neuroscience (IoPPN), King's College London, London, UK

<sup>2</sup>Division of Brain Sciences, Imperial College London, Hammersmith Hospital, London, UK
<sup>3</sup>Department of Neuroimaging, Institute of Psychiatry, King's College London, London, UK
<sup>4</sup>Parkinson's Centre of Excellence, Department of Neurology, King's College Hospital Foundation Trust, UK

Number tables/figures: 2/4 Word count abstract: 249 Word count text: 3,001 Supplemental Data: Table e-1

**Correspondence to:** Marios Politis, Neurodegeneration Imaging Group, Department of Clinical Neuroscience, Maurice Wohl Clinical Neuroscience Institute, Institute of Psychiatry, Psychology and Neuroscience (IoPPN), King's College London, 125 Coldharbour Lane, Camberwell, London SE5 9NU, UK. E-mail: marios.politis@kcl.ac.uk

**Abbreviations:** 5-HT = Hydroxytryptophan (serotonin);  $BP_{ND}$  = Non-displaceable Binding Potential; DASB = [N,N-dimethyl-2-(2-amino-4-cyanophenylthio) benzylamine]; EDS = Excessive Daytime Somnolence; ROI = Region of Interest; RBD = Rapid eye movement Behaviours Disorders; SERT = Serotonin Transporter Download English Version:

# https://daneshyari.com/en/article/8687939

Download Persian Version:

https://daneshyari.com/article/8687939

Daneshyari.com