

Accepted Manuscript

RLS patients show better nocturnal performance in the Simon task due to diminished visuo-motor priming

Rui Zhang, Wiebke Schrempf, Moritz D. Brandt, Moritz Mückschel, Christian Beste, Ann-Kathrin Stock

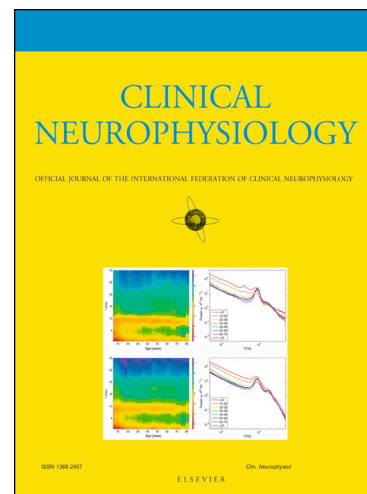
PII: S1388-2457(17)31117-3

DOI: <https://doi.org/10.1016/j.clinph.2017.10.022>

Reference: CLINPH 2008313

To appear in: *Clinical Neurophysiology*

Accepted Date: 18 October 2017



Please cite this article as: Zhang, R., Schrempf, W., Brandt, M.D., Mückschel, M., Beste, C., Stock, A-K., RLS patients show better nocturnal performance in the Simon task due to diminished visuo-motor priming, *Clinical Neurophysiology* (2017), doi: <https://doi.org/10.1016/j.clinph.2017.10.022>

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.

RLS patients show better nocturnal performance in the Simon task due to diminished visuo-motor priming

Rui Zhang^{a*}, Wiebke Schrempf^b, Moritz D. Brandt^{b,d}, Moritz Mückschel^{a,e}, Christian Beste^{a,c,#}, Ann-Kathrin Stock^{a,#}

* Corresponding author.

These two authors contributed equally.

^a Cognitive Neurophysiology, Department of Child and Adolescent Psychiatry, Faculty of Medicine of the TU Dresden, Schubertstr. 42, 01307 Dresden, Germany

^b Department of Neurology, Technische Universität Dresden, Fetscherstraße 74, 01307 Dresden, Germany

^c Experimental Neurobiology, National Institute of Mental Health, Topolová 748, 25067 Klecany, Czech Republic

^d German Center for Neurodegenerative Diseases (DZNE) Dresden, Arnoldstraße 18, 01307 Dresden, Germany

^e MS Centre Dresden, Faculty of Medicine of the TU Dresden, Blasewitzer Str. 43, 01307 Dresden, Germany

Address for correspondence:

Rui Zhang

Cognitive Neurophysiology, Department of Child and Adolescent Psychiatry, Faculty of Medicine of the TU Dresden

Schubertstraße 42, D-01307 Dresden, Germany

Tel.: +49-351-458-2044

Fax: +49-351-458-7318

Email: rui.zhang@uniklinikum-dresden.de

Keywords: circadian rhythm; lateralized readiness potential; premotor cortex; Restless legs syndrome; superior parietal cortex; visuo-motor priming.

Download English Version:

<https://daneshyari.com/en/article/8682836>

Download Persian Version:

<https://daneshyari.com/article/8682836>

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