Accepted Manuscript

Normal aging and Parkinson's Disease are associated with the functional decline of distinct frontal-striatal circuits

Aleksandra Gruszka, Adam Hampshire, Roger A. Barker, Adrian M. Owen

PII: S0010-9452(17)30175-2

DOI: 10.1016/j.cortex.2017.05.020

Reference: CORTEX 2030

To appear in: *Cortex*

Received Date: 4 August 2016

Revised Date: 29 March 2017

Accepted Date: 24 May 2017

Please cite this article as: Gruszka A, Hampshire A, Barker RA, Owen AM, Normal aging and Parkinson's Disease are associated with the functional decline of distinct frontal-striatal circuits, *CORTEX* (2017), doi: 10.1016/j.cortex.2017.05.020.

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

Normal aging and Parkinson's Disease are associated with the functional decline of distinct frontal-striatal circuits

Aleksandra Gruszka¹, Adam Hampshire⁵, Roger, A. Barker^{2, 3}, Adrian M. Owen⁵

¹Institute of Psychology, Jagiellonian University, Krakow, Poland

²Cambridge Centre for Brain Repair, University of Cambridge, UK

³Department of Neurology, Addenbrooke's Hospital, Cambridge, UK

⁴The Brain and Mind Institute, University of Western Ontario, Canada

⁵The Division of Brain Sciences, Imperial College London, UK

Correspondence should be addressed to:

Aleksandra Gruszka PhD,

Institute of Psychology, Jagiellonian University

ul. Ingardena 6

30-060 Cracow, Poland

Phone +481263455 ext. 266

Fax: +48/12-623-76-99

Email <u>a.gruszka-gosiewska@uj.edu.pl</u>

Running title: Parkinson's disease, healthy aging and executive function

Keywords. Parkinson's disease, aging, functional fMRI, frontostriatal circuitry, attentional set-shifting, learning;

دريافت فورى 🛶 متن كامل مقاله

- امکان دانلود نسخه تمام متن مقالات انگلیسی
 امکان دانلود نسخه ترجمه شده مقالات
 پذیرش سفارش ترجمه تخصصی
 امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 امکان دانلود رایگان ۲ صفحه اول هر مقاله
 امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 دانلود فوری مقاله پس از پرداخت آنلاین
 پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات
- ISIArticles مرجع مقالات تخصصی ایران