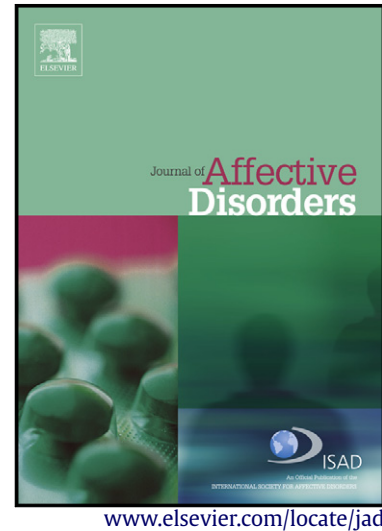


Oxidative stress and depressive symptoms in older adults: A magnetic resonance spectroscopy study

Shantel L Duffy, Jim Lagopoulos, Nicole Cockayne, Daniel F Hermens, Ian B Hickie, Sharon L Naismith



PII: S0165-0327(15)00135-4
DOI: <http://dx.doi.org/10.1016/j.jad.2015.03.007>
Reference: JAD7319

To appear in: *Journal of Affective Disorders*

Received date: 20 August 2014
Revised date: 4 March 2015
Accepted date: 5 March 2015

Cite this article as: Shantel L Duffy, Jim Lagopoulos, Nicole Cockayne, Daniel F Hermens, Ian B Hickie, Sharon L Naismith, Oxidative stress and depressive symptoms in older adults: A magnetic resonance spectroscopy study, *Journal of Affective Disorders*, <http://dx.doi.org/10.1016/j.jad.2015.03.007>

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.

Word count: 4 284 words

Abstract word count: 199 words

Tables: 3

Figures: 1

**Oxidative stress and depressive symptoms in older adults:
A magnetic resonance spectroscopy study**

Shantel L Duffy (PhD)^{1,2}, Jim Lagopoulos (PhD)²,
Nicole Cockayne (MPH)^{1,2}, Daniel F Hermens (PhD)^{1,2},
Ian B Hickie (FRANZCP)^{*1,2}, Sharon L Naismith (DPsych)^{*1,2}

^{*}Joint last authors

¹Healthy Brain Ageing Program;

²Clinical Research Unit,

Brain & Mind Research Institute,

The University of Sydney, 94 Mallett Street,

Camperdown, NSW 2050, Australia

Address for correspondence:

Dr Shantel Duffy

Ageing Brain Centre, 94 Mallett St

CAMPERDOWN NSW 2050

AUSTRALIA

Ph: +612 9114 4057

Fax: +612 9351 0855

Email: sharon.naismith@sydney.edu.au

Download English Version:

<https://daneshyari.com/en/article/6231566>

Download Persian Version:

<https://daneshyari.com/article/6231566>

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