

Accepted Manuscript

Title: Real-time changes in hippocampal energy demands during a spatial working memory task

Author: John Kealy Rachel Bennett Barbara Woods John P. Lowry



PII: S0166-4328(16)31143-3
DOI: <http://dx.doi.org/doi:10.1016/j.bbr.2017.02.034>
Reference: BBR 10728

To appear in: *Behavioural Brain Research*

Received date: 15-12-2016
Revised date: 18-2-2017
Accepted date: 21-2-2017

Please cite this article as: Kealy J, Bennett R, Woods B, Lowry JP, Real-time changes in hippocampal energy demands during a spatial working memory task, *Behavioural Brain Research* (2017), <http://dx.doi.org/10.1016/j.bbr.2017.02.034>

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.

Real-time changes in hippocampal energy demands during a spatial working memory task.

John Kealy^{1,2*}, Rachel Bennett¹, Barbara Woods¹, John P. Lowry¹.

¹Maynooth University Department of Chemistry, Maynooth University, Maynooth, Co. Kildare, Ireland.

²Smurfit Institute of Genetics, Trinity College Dublin, Dublin 2, Ireland.

*Corresponding author: kealyjo@tcd.ie; Telephone: +353 1 896 2486; Fax: +353 1 679 8558.

Key words:

Sensor; Biosensor; Hippocampus; Spatial memory; Glucose; Oxygen.

Article Information:

Abstract – 220 words

Main text – 6,021 words

Figures – 3

Supplementary Figures – 0

Tables - 0

Download English Version:

<https://daneshyari.com/en/article/5735539>

Download Persian Version:

<https://daneshyari.com/article/5735539>

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