### Accepted Manuscript

Title: Perinatal high fat diet induces early activation of endocrine stress responsivity and anxiety-like behavior in neonatal offspring

Authors: Sameera Abuaish, Richard L. Spinieli, Patrick O. McGowan

 PII:
 S0306-4530(18)30290-7

 DOI:
 https://doi.org/10.1016/j.psyneuen.2018.08.003

 Reference:
 PNEC 4015

To appear in:

Received date:4-4-2018Revised date:1-8-2018Accepted date:1-8-2018

Please cite this article as: Abuaish S, Spinieli RL, McGowan PO, Perinatal high fat diet induces early activation of endocrine stress responsivity and anxiety-like behavior in neonatal offspring, *Psychoneuroendocrinology* (2018), https://doi.org/10.1016/j.psyneuen.2018.08.003

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

#### Perinatal high fat diet induces early activation of endocrine stress responsivity and anxiety-like

#### behavior in neonatal offspring

Sameera Abuaish<sup>1</sup>, Richard L. Spinieli<sup>1,2</sup>, Patrick O. McGowan<sup>1,3,4\*</sup>

<sup>1</sup>Department of Biological Sciences and Center for Environmental Epigenetics and Development, Department of Cell and Systems Biology, University of Toronto, Scarborough Campus, 1265 Military Trail, Toronto, ON Canada.

<sup>2</sup>Psychobiology Graduate Program, School of Philosophy, Science and Literature of Ribeirão Preto of the University of São Paulo, Ribeirão Preto, São Paulo, Brazil.

<sup>3</sup>Department of Psychology, University of Toronto, Toronto, ON, Canada.

<sup>4</sup>Department of Physiology, University of Toronto, Toronto, ON, Canada.

\*Correspondence to: Patrick O. McGowan, Department of Biological Sciences and Center for

Environmental Epigenetics and Development, Department of Cell and Systems Biology, University of

Toronto, Scarborough Campus, 1265 Military Trail, Toronto, Ontario, Canada. M1C1A4. Tel: +1-416-208-

5153, fax: +1-416-287-7676. E-mail address: patrick.mcgowan@utoronto.ca.

#### Highlights

Download English Version:

# https://daneshyari.com/en/article/6817428

Download Persian Version:

https://daneshyari.com/article/6817428

Daneshyari.com