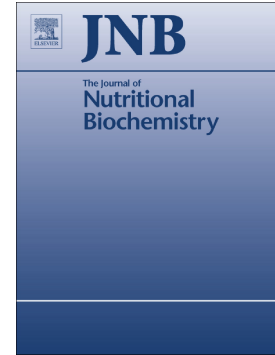


Accepted Manuscript

Saturated fatty acid alters embryonic cortical neurogenesis through modulation of gene expression in neural stem cells

Mustafa T. Ardah, Shama Parween, Divya S. Varghese, Bright Starling Emerald, Suraiya A. Ansari



PII: S0955-2863(18)30221-3
DOI: doi:[10.1016/j.jnutbio.2018.09.006](https://doi.org/10.1016/j.jnutbio.2018.09.006)
Reference: JNB 8055

To appear in: *The Journal of Nutritional Biochemistry*

Received date: 8 March 2018
Revised date: 30 August 2018
Accepted date: 17 September 2018

Please cite this article as: Mustafa T. Ardah, Shama Parween, Divya S. Varghese, Bright Starling Emerald, Suraiya A. Ansari , Saturated fatty acid alters embryonic cortical neurogenesis through modulation of gene expression in neural stem cells. *Jnb* (2018), doi:[10.1016/j.jnutbio.2018.09.006](https://doi.org/10.1016/j.jnutbio.2018.09.006)

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.

Saturated fatty acid alters embryonic cortical neurogenesis through modulation of gene expression in neural stem cells.

Mustafa T. Ardah¹, Shama Parween^{1#}, Divya S. Varghese^{1#}, Bright Starling Emerald², and Suraiya A. Ansari^{1*}

¹Department of Biochemistry, College of Medicine and Health Sciences, UAE University, Al Ain, Abu Dhabi, UAE.

²Department of Anatomy, College of Medicine and Health Sciences, UAE University, Al Ain, Abu Dhabi, UAE.

These authors contributed equally to this work.

*Corresponding author: Email: sansari@uaeu.ac.ae

Postal Address: Department of Biochemistry

College of Medicine and Health Sciences

UAE University

PO Box 17666, AlAin, Abu Dhabi, UAE

Phone:+9713-7137484; Fax +97137672033

Key words: hESCs; pluripotency; cortical neurogenesis; saturated fatty acid; cell proliferation and differentiation; neurodevelopment

Running Title: Saturated fatty acid alters *in vitro* cortical neurogenesis.

Download English Version:

<https://daneshyari.com/en/article/11007589>

Download Persian Version:

<https://daneshyari.com/article/11007589>

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