Accepted Manuscript

Experimentally-induced maternal hypothyroidism alters enzyme activities and the sensorimotor cortex of the offspring rats

Juliana Tonietto Domingues, Carolinne Sayury Wajima, Patricia Acordi Cesconetto, Eduardo Benedetti Parisotto, Elisa Winkelmann-Duarte, Karin dos Santos, Najla Saleh, Fabíola Branco Filippin-Monteiro, Guilherme Razzera, Fátima Regina Mena Barreto Silva, Regina Pessoa-Pureur, Ariane Zamoner



PII: \$0303-7207(18)30224-7

DOI: 10.1016/j.mce.2018.07.008

Reference: MCE 10275

To appear in: Molecular and Cellular Endocrinology

Received Date: 6 February 2018

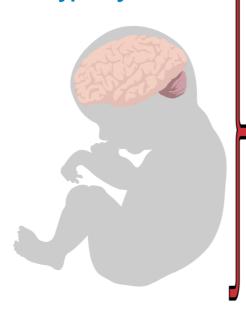
Revised Date: 17 July 2018 Accepted Date: 17 July 2018

Please cite this article as: Domingues, J.T., Wajima, C.S., Cesconetto, P.A., Parisotto, E.B., Winkelmann-Duarte, E., Santos, K.d., Saleh, N., Filippin-Monteiro, Fabí.Branco., Razzera, G., Mena Barreto Silva, Fá.Regina., Pessoa-Pureur, R., Zamoner, A., Experimentally-induced maternal hypothyroidism alters enzyme activities and the sensorimotor cortex of the offspring rats, *Molecular and Cellular Endocrinology* (2018), doi: 10.1016/j.mce.2018.07.008.

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

Congenital Hypothyroidism



Neurochemical and histological changes in sensorimotor cortex

Misregulated glutamatergic and cholinergic neurotransmitter systems

Calcium overload into neural cells

Cytoskeletal disruption

Redox Imbalance

Brain atrophy

Delayed motor function

Download English Version:

https://daneshyari.com/en/article/11917327

Download Persian Version:

https://daneshyari.com/article/11917327

<u>Daneshyari.com</u>