

# Accepted Manuscript



High-fat diet during pregnancy and lactation impairs the cholinergic anti-inflammatory pathway in the liver and white adipose tissue of mouse offspring

Tanyara Baliani Payolla, Simone Ferreira Lemes, Thaís de Fante, Addressa Reginato, Cristiano Mendes da Silva, Thayana de Oliveira Micheletti, Hosana Gomes Rodrigues, Adriana Souza Torsoni, Marciane Milanski, Marcio Alberto Torsoni, PhD

PII: S0303-7207(15)30159-3

DOI: [10.1016/j.mce.2015.12.004](https://doi.org/10.1016/j.mce.2015.12.004)

Reference: MCE 9364

To appear in: *Molecular and Cellular Endocrinology*

Received Date: 28 June 2015

Revised Date: 4 December 2015

Accepted Date: 4 December 2015

Please cite this article as: Payolla, T.B., Lemes, S.F., de Fante, T., Reginato, A., Mendes da Silva, C., de Oliveira Micheletti, T., Rodrigues, H.G., Torsoni, A.S., Milanski, M., Torsoni, M.A., High-fat diet during pregnancy and lactation impairs the cholinergic anti-inflammatory pathway in the liver and white adipose tissue of mouse offspring, *Molecular and Cellular Endocrinology* (2016), doi: 10.1016/j.mce.2015.12.004.

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.

High-fat diet during pregnancy and lactation impairs the cholinergic anti-inflammatory pathway in the liver and white adipose tissue of mouse offspring

<sup>1</sup>Tanyara Baliani Payolla, <sup>2</sup>Simone Ferreira Lemes, <sup>1</sup>Thaís de Fante, <sup>1</sup>Andressa Reginato, <sup>3</sup>Cristiano Mendes da Silva, <sup>1</sup>Thayana de Oliveira Micheletti, <sup>1</sup>Hosana Gomes Rodrigues, <sup>1,3</sup>Adriana Souza Torsoni, <sup>1,3</sup>Marciane Milanski, and <sup>1,3\*</sup>Marcio Alberto Torsoni

<sup>1</sup>School of Applied Sciences, University of Campinas, Brazil, <sup>2</sup>Biology Institute, University of Campinas, Brazil, <sup>3</sup>Department of Biosciences, Federal University of São Paulo, Brazil, <sup>3</sup>Obesity and Comorbidities Research Center, State University of Campinas, Brazil,

**\*Please address correspondence to:** Marcio Alberto Torsoni, PhD, School of Applied Sciences, University of Campinas/Unicamp - Rua Pedro Zaccaria, 1300-Jd.Sta Luiza 13484-350, Limeira, SP, Brazil. Phone/Fax: +55 19 37016680, e-mail: [marcio.torsoni@fca.unicamp.br](mailto:marcio.torsoni@fca.unicamp.br)

RUNNING TITLE: Maternal obesity impairs inflammatory response in mice

CONFLICT OF INTEREST: The authors declare no conflict of interest.

KEY WORDS:  $\alpha 7$ nAChR, cholinergic anti-inflammatory pathway, LPS, maternal imprinting, obese mice, high-fat diet

Download English Version:

<https://daneshyari.com/en/article/8476831>

Download Persian Version:

<https://daneshyari.com/article/8476831>

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