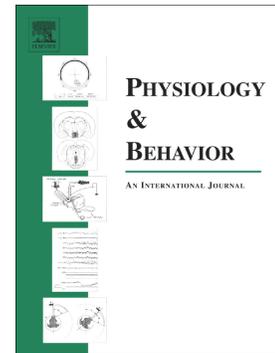


Accepted Manuscript

Alteration of neurotrophin and cytokine expression in lymphocytes as novel peripheral markers of spatial memory deficits induced by prenatal stress

CG Pascuan, ME Di Rosso, JE Pivoz-Avedikian, MR Wald, MA Zorrilla Zubilete, AM Genaro



PII: S0031-9384(16)31015-0
DOI: doi: [10.1016/j.physbeh.2017.01.045](https://doi.org/10.1016/j.physbeh.2017.01.045)
Reference: PHB 11665

To appear in: *Physiology & Behavior*

Received date: 8 November 2016
Revised date: 30 January 2017
Accepted date: 31 January 2017

Please cite this article as: CG Pascuan, ME Di Rosso, JE Pivoz-Avedikian, MR Wald, MA Zorrilla Zubilete, AM Genaro , Alteration of neurotrophin and cytokine expression in lymphocytes as novel peripheral markers of spatial memory deficits induced by prenatal stress. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Phb*(2017), doi: [10.1016/j.physbeh.2017.01.045](https://doi.org/10.1016/j.physbeh.2017.01.045)

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.

Alteration of neurotrophin and cytokine expression in lymphocytes as novel peripheral markers of spatial memory deficits induced by prenatal stress.

Pascuan CG^{b+}, Di Rosso ME^{a+}, Pivoz-Avedikian JE^c, Wald MR^a, Zorrilla Zubilete MA^{c,d}, Genaro AM^{a,c*}.

^aInstituto de Investigaciones Biomédicas (BIOMED), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)—Universidad Católica Argentina(UCA), Av. Alicia Moreau de Justo 1600, Piso 3, 1107 Buenos Aires, Argentina.

^bInstituto de Genética "Ewald A. Favret" (IGEAF), Centro de Investigación en Ciencias Veterinarias y Agronómicas (CICVYA), Nicolas Repetto y de los Reseros s/n, 1686, Hurlingham, Provincia de Buenos Aires, Argentina.

^cDepartamento de Farmacología, Facultad de Medicina, Universidad de Buenos Aires (UBA), Paraguay 2155, Piso 15, 1121 Buenos Aires, Argentina.

^d Centro de Estudios Farmacológicos y Botánicos (CEFYBO), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Universidad de Buenos Aires (UBA), Paraguay 2155, Piso 16, 1121 Buenos Aires, Argentina.

Running title: Lymphocytes as peripheral markers of prenatal stress

⁺Pascuan CG and Di Rosso ME contributed equally to this paper.

^{*}Corresponding author at: Instituto de Investigaciones Biomédicas (BIOMED), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)—Universidad Católica Argentina (UCA), Av. Alicia Moreau de Justo 1600, Piso 3, 1107 Buenos Aires, Argentina.

E-mail address: amgenaro@yahoo.com.ar (A.M. Genaro)

Download English Version:

<https://daneshyari.com/en/article/5593925>

Download Persian Version:

<https://daneshyari.com/article/5593925>

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