

## Accepted Manuscript

Blood mononuclear cells as speculum of emotional stress analyzed by synchrotron technology and a nootropic drug

Mariana Grigoruță, Alejandra Vargas-Caraveo, Emmanuel Vázquez-Mayorga, Hiram A. Castillo-Michel, Ángel G. Díaz-Sánchez, Juan Reyes-Herrera, Alejandro Martínez-Martínez



PII: S1386-1425(18)30617-6  
DOI: doi:[10.1016/j.saa.2018.06.075](https://doi.org/10.1016/j.saa.2018.06.075)  
Reference: SAA 16234

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received date: 6 March 2018  
Revised date: 20 June 2018  
Accepted date: 20 June 2018

Please cite this article as: Mariana Grigoruță, Alejandra Vargas-Caraveo, Emmanuel Vázquez-Mayorga, Hiram A. Castillo-Michel, Ángel G. Díaz-Sánchez, Juan Reyes-Herrera, Alejandro Martínez-Martínez , Blood mononuclear cells as speculum of emotional stress analyzed by synchrotron technology and a nootropic drug. Saa (2018), doi:[10.1016/j.saa.2018.06.075](https://doi.org/10.1016/j.saa.2018.06.075)

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.

**Blood mononuclear cells as speculum of emotional stress analyzed by Synchrotron****Technology and a nootropic drug****Authors:**

Mariana Grigoruță<sup>1</sup>, Alejandra Vargas-Caraveo<sup>2</sup>, Emmanuel Vázquez-Mayorga<sup>1</sup>, Hiram A. Castillo-Michel<sup>3</sup>,  
Ángel G. Díaz-Sánchez<sup>1</sup>, Juan Reyes-Herrera<sup>3</sup>, Alejandro Martínez-Martínez<sup>1,4\*</sup>

**Affiliations:**

<sup>1</sup>Departamento de Ciencias Químico Biológicas, Instituto de Ciencias Biomédicas, Universidad Autónoma de Ciudad Juárez (UACJ), Anillo envolvente Pronaf y Estocolmo s/n, 32310 Cd. Juárez, Mexico.

<sup>2</sup>Departamento de Farmacología, Universidad Complutense de Madrid, Madrid, Spain.

<sup>3</sup>European Synchrotron Radiation Facility (ESRF), B.P. 220 Grenoble, France.

<sup>4</sup>El Colegio de Chihuahua, Calle Partido Díaz 4723 esquina con Anillo Envolvente del PRONAF, colonia Progresista. Ciudad Juárez, Chihuahua, México, C.P. 32310

\*Corresponding author: alejandro.martinez@uacj.mx

**ORCID ID**

Mariana Grigoruță: 0000-0002-2511-0914

Alejandra Vargas-Caraveo: 0000-0002-0561-2570

Emmanuel Vázquez-Mayorga: 0000-0003-2775-821X

Hiram A. Castillo-Michel: 0000-0002-7956-1059

Ángel G. Díaz-Sánchez: 0000-0002-6398-7274

Juan Reyes-Herrera: 0000-0002-9472-7758

Alejandro Martínez-Martínez: 0000-0003-3448-910X

Download English Version:

<https://daneshyari.com/en/article/7667516>

Download Persian Version:

<https://daneshyari.com/article/7667516>

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