

# Accepted Manuscript



Impact of regular physical activity on adipocytokines and cardiovascular characteristics in spinal cord injured subjects

Roberto Schreiber, Cristiane M. Souza, Layde R. Paim, Guilherme de Rossi, José R. Matos-Souza, Anselmo de A. Costa e Silva, Fernando R. Faria, Eliza R. Azevedo, Karina C. Alonso, Andrei C. Sposito, Alberto Cliquet, Jr., José I. Gorla, Wilson Nadruz, Jr.

PII: S0003-9993(18)30162-X

DOI: [10.1016/j.apmr.2018.02.010](https://doi.org/10.1016/j.apmr.2018.02.010)

Reference: YAPMR 57178

To appear in: *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*

Received Date: 14 November 2017

Revised Date: 7 January 2018

Accepted Date: 13 February 2018

Please cite this article as: Schreiber R, Souza CM, Paim LR, de Rossi G, Matos-Souza JR, Costa e Silva AdA, Faria FR, Azevedo ER, Alonso KC, Sposito AC, Cliquet Jr. A, Gorla JI, Nadruz Jr. W, Impact of regular physical activity on adipocytokines and cardiovascular characteristics in spinal cord injured subjects, *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2018), doi: 10.1016/j.apmr.2018.02.010.

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.

## **Impact of regular physical activity on adipocytokines and cardiovascular characteristics in spinal cord injured subjects**

Roberto Schreiber\*<sup>1</sup>; Cristiane M. Souza\*<sup>1</sup>; Layde R. Paim<sup>1</sup>; Guilherme de Rossi<sup>1</sup>; José R. Matos-Souza<sup>1</sup>; Anselmo de A. Costa e Silva<sup>2</sup>; Fernando R. Faria<sup>2</sup>; Eliza R Azevedo<sup>3</sup>; Karina C. Alonso<sup>3</sup>; Andrei C. Sposito<sup>1</sup>; Alberto Cliquet Jr.<sup>3,4</sup>; José I. Gorla<sup>2</sup>; Wilson Nadruz Jr.<sup>1</sup>

\* Both authors contributed equally to this work

1 - Department of Internal Medicine, University of Campinas, Campinas, SP, Brazil

2 - School of Physical Education, University of Campinas, Campinas, SP, Brazil

3 - Department of Orthopedics, University of Campinas, Campinas, SP, Brazil

4 - Department of Electrical Engineering, University of São Paulo (USP), São Carlos, SP, Brazil

### **Corresponding Author:**

Wilson Nadruz Junior, MD, Ph.D.  
Departamento de Clínica Médica,  
Faculdade de Ciências Médicas,  
Universidade de Campinas,  
Cidade Universitária Zeferino Vaz,  
13081-970, Campinas, SP, Brazil.  
Phone/FAX: (55) (19) 3521 7836; E-Mail: wilnj@fcm.unicamp.br

**Running title:** Spinal cord injury and adipocytokines

**Funding:** The study was supported by CAPES, FAPESP (grant 2013/07607-8) and CNPq (grant 304245/2013-5), Brazil.

**Conflicts of Interest:** None

Download English Version:

<https://daneshyari.com/en/article/8753551>

Download Persian Version:

<https://daneshyari.com/article/8753551>

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