

Accepted Manuscript

Social jet-lag potentiates obesity and metabolic syndrome when combined with cafeteria diet in rats

Estefania Espitia-Bautista, Mario Velasco-Ramos, Iván Osnaya-Ramírez, Manuel Ángeles-Castellanos, Ruud M Buijs, Carolina Escobar

PII: S0026-0495(17)30114-2
DOI: doi: [10.1016/j.metabol.2017.04.006](https://doi.org/10.1016/j.metabol.2017.04.006)
Reference: YMETA 53589

To appear in: *Metabolism*

Received date: 8 February 2017
Accepted date: 12 April 2017



Please cite this article as: Espitia-Bautista Estefania, Velasco-Ramos Mario, Osnaya-Ramírez Iván, Ángeles-Castellanos Manuel, Buijs Ruud M, Escobar Carolina, Social jet-lag potentiates obesity and metabolic syndrome when combined with cafeteria diet in rats, *Metabolism* (2017), doi: [10.1016/j.metabol.2017.04.006](https://doi.org/10.1016/j.metabol.2017.04.006)

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.

SOCIAL JET-LAG POTENTIATES OBESITY AND METABOLIC SYNDROME
WHEN COMBINED WITH CAFETERIA DIET IN RATS

Estefania Espitia-Bautista¹, Mario Velasco-Ramos^{1,2}, Iván Osnaya-Ramírez¹,
Manuel Ángeles-Castellanos¹, Ruud M Buijs³, Carolina Escobar¹

¹*Facultad de Medicina, Departamento de Anatomía, Universidad Nacional Autónoma de México, 04510 México, D.F, México.*

²*Departamento de Biología Molecular, Instituto Nacional de Cardiología, 14080, México DF México*

³*Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, 04510 México, D.F, México.*

Correspondence should be addressed to:

Carolina Escobar
Departamento de Anatomía
Facultad de Medicina UNAM
Av Universidad 3000
Ciudad Universitaria
México DF 04510
Fax number: 5623 2422
Telephone number: 5623 0222 ext 45062

e-mail address: escocarolina@gmail.com

RUNNING TITLE: Social jet-lag promotes obesity and metabolic syndrome

Download English Version:

<https://daneshyari.com/en/article/5588427>

Download Persian Version:

<https://daneshyari.com/article/5588427>

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