

Accepted Manuscript

Good night, sleep tight: The effects of sleep deprivation on spatial associative learning in zebrafish

Jaquelinne Pinheiro-da-Silva, Steven Tran, Priscila Fernandes Silva, Ana Carolina Luchiari



PII: S0091-3057(16)30314-8
DOI: doi: [10.1016/j.pbb.2017.06.011](https://doi.org/10.1016/j.pbb.2017.06.011)
Reference: PBB 72490

To appear in: *Pharmacology, Biochemistry and Behavior*

Received date: 16 December 2016
Revised date: 16 June 2017
Accepted date: 20 June 2017

Please cite this article as: Jaquelinne Pinheiro-da-Silva, Steven Tran, Priscila Fernandes Silva, Ana Carolina Luchiari , Good night, sleep tight: The effects of sleep deprivation on spatial associative learning in zebrafish, *Pharmacology, Biochemistry and Behavior* (2017), doi: [10.1016/j.pbb.2017.06.011](https://doi.org/10.1016/j.pbb.2017.06.011)

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.

Good night, sleep tight: the effects of sleep deprivation on spatial associative learning in zebrafish

Jaquelinne Pinheiro-da-Silva^a, Steven Tran^b, Priscila Fernandes Silva^a, Ana Carolina Luchiari^{a*}

^aDepartamento de Fisiologia, Centro de Biociências, Universidade Federal do Rio Grande do Norte, Natal, Brazil.

^bDivision of Biology and Biological Engineering, California Institute of Technology, Pasadena, California, United States.

*Corresponding author: Departamento de Fisiologia, Centro de Biociências, Universidade Federal do Rio Grande do Norte, PO BOX 1510, 59078-970 Natal, Rio Grande do Norte, Brazil. Phone: +55 84 32153409, Fax: +55 84 32119206, E-mail: analuchiari@yahoo.com.br

Download English Version:

<https://daneshyari.com/en/article/5515163>

Download Persian Version:

<https://daneshyari.com/article/5515163>

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