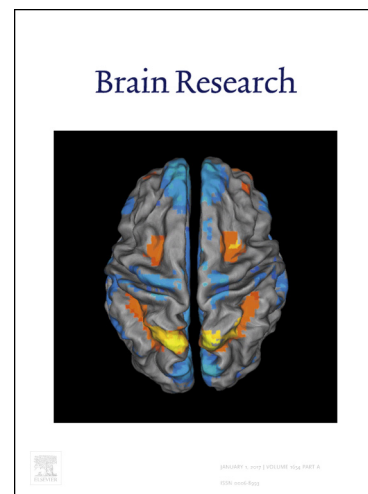


# Accepted Manuscript

## Research report

Fluorescent light induces neurodegeneration in the rodent nigrostriatal system but near infrared LED light does not

Stefania Romeo, Flora Vitale, Cristina Viaggi, Stefano di Marco, Gabriella Aloisi, Irene Fasciani, Carla Pardini, Ilaria Pietrantonio, Mattia Di Paolo, Serena Riccitelli, Rita Maccarone, Claudia Mattei, Marta Capannolo, Mario Rossi, Annamaria Capozzo, Giovanni U. Corsini, Eugenio Scarnati, Luca Lozzi, Francesca Vaglini, Roberto Maggio



PII: S0006-8993(17)30097-5  
DOI: <http://dx.doi.org/10.1016/j.brainres.2017.02.026>  
Reference: BRES 45296

To appear in: *Brain Research*

Received Date: 1 November 2016  
Revised Date: 22 February 2017  
Accepted Date: 25 February 2017

Please cite this article as: S. Romeo, F. Vitale, C. Viaggi, S. di Marco, G. Aloisi, I. Fasciani, C. Pardini, I. Pietrantonio, M. Di Paolo, S. Riccitelli, R. Maccarone, C. Mattei, M. Capannolo, M. Rossi, A. Capozzo, G.U. Corsini, E. Scarnati, L. Lozzi, F. Vaglini, R. Maggio, Fluorescent light induces neurodegeneration in the rodent nigrostriatal system but near infrared LED light does not, *Brain Research* (2017), doi: <http://dx.doi.org/10.1016/j.brainres.2017.02.026>

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.

## Fluorescent light induces neurodegeneration in the rodent nigrostriatal system but near infrared LED light does not

Stefania Romeo<sup>a1\*</sup>, Flora Vitale<sup>a1</sup>, Cristina Viaggi<sup>b</sup>, Stefano di Marco<sup>a</sup>, Gabriella Aloisi<sup>a</sup>, Irene Fasciani<sup>a</sup>, Carla Pardini<sup>b</sup>, Ilaria Pietrantonio<sup>a</sup>, Mattia Di Paolo<sup>a</sup>, Serena Riccitelli<sup>a</sup>, Rita Maccarone<sup>a</sup>, Claudia Mattei<sup>a</sup>, Marta Capannolo<sup>a</sup>, Mario Rossi<sup>d</sup>, Annamaria Capozzo<sup>a</sup>, Giovanni U. Corsini<sup>b</sup>, Eugenio Scarnati<sup>a</sup>, Luca Lozzi<sup>c</sup>, Francesca Vaglini<sup>b</sup>, Roberto Maggio<sup>a</sup>.

a. Department of Applied Clinical and Biotechnological Sciences, University of L'Aquila, 67100, L'Aquila, Italy, E-mail: stefania.romeo@univaq.it,

b. Department of Translational Research and New Technology in Medicine and Surgery, University of Pisa, 56126, Pisa, Italy,

c. Department of Physical and Chemical Sciences, University of L'Aquila, 67100, L'Aquila, Italy,

d. Molecular Signaling Section, Laboratory of Bioorganic Chemistry, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland, 20892, United States.

<sup>1</sup>These authors contributed equally to the work.

\*Author for correspondence

PhD Stefania Romeo

Department of Biotechnological and Applied Clinical Sciences

University of L'Aquila

67100 L'Aquila, Italy

Tel. +39 0862 433589

Fax +39 0862 433523

Download English Version:

<https://daneshyari.com/en/article/5736769>

Download Persian Version:

<https://daneshyari.com/article/5736769>

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