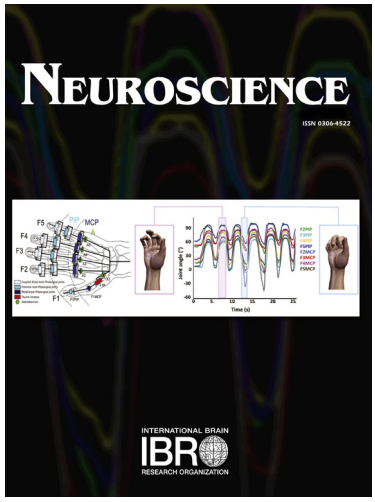
Accepted Manuscript



Partial lesion of dopamine neurons of rat substantia nigra impairs conditioned place aversion but spares conditioned place preference

Bernardo F.C. Lima, Daniele C. Ramos, Janaína K. Barbiero, Laura Pulido, Peter Redgrave, Donita L. Robinson, Alexander Gómez-A, Claudio Da Cunha

PII: S0306-4522(17)30143-4
DOI: http://dx.doi.org/10.1016/j.neuroscience.2017.02.052
Reference: NSC 17641

To appear in: *Neuroscience*

Received Date: 15 September 2016
Revised Date: 24 February 2017
Accepted Date: 26 February 2017

Please cite this article as: B.F.C. Lima, D.C. Ramos, J.K. Barbiero, L. Pulido, P. Redgrave, D.L. Robinson, A. Gómez-A, C. Da Cunha, Partial lesion of dopamine neurons of rat substantia nigra impairs conditioned place aversion but spares conditioned place preference, *Neuroscience* (2017), doi: http://dx.doi.org/10.1016/j.neuroscience.2017.02.052

Partial lesion of dopamine neurons of rat substantia nigra impairs conditioned place aversion but spares conditioned place preference

Abbreviated title: Place conditioning and partial SNc dopamine lesion

Bernardo F. C. Lima[a*], Daniele C. Ramos[a*], Janaína K. Barbiero[a], Laura Pulido[a], Peter Redgrave[b], Donita L. Robinson[c], Alexander Gómez-A[a+], & Claudio Da Cunha[a+]

[a]Departamento de Farmacologia, Universidade Federal do Paraná, Curitiba 81.530-980, PR, Brazil.

[b]Department of Psychology, University of Sheffield, UK.

[c]Department of Psychiatry and Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC 27599-7178, USA.

[*]The first 2 authors made equally important contributions to this study.

[+]Corresponding authors: Claudio Da Cunha and Alexander Gómez-A. Departamento de Farmacologia da Universidade Federal do Paraná, 81531-980 Curitiba, Paraná, Brazil.

Email: dacunha.claudio@gmail.com