Accepted Manuscript

Unravelling cortico-hypothalamic pathways regulating unconditioned fear-induced antinociception and defensive behaviours

Luiz Luciano Falconi-Sobrinho, Tayllon dos Anjos-Garcia, Daoud Hibrahim Elias Filho, Norberto Cysne Coimbra

PII: S0028-3908(16)30449-X

DOI: 10.1016/j.neuropharm.2016.10.001

Reference: NP 6467

To appear in: Neuropharmacology

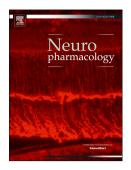
Received Date: 2 February 2016

Revised Date: 26 September 2016

Accepted Date: 1 October 2016

Please cite this article as: Falconi-Sobrinho, L.L., Anjos-Garcia, T.d., Elias Filho, D.H., Coimbra, N.C., Unravelling cortico-hypothalamic pathways regulating unconditioned fear-induced antinociception and defensive behaviours, *Neuropharmacology* (2016), doi: 10.1016/j.neuropharm.2016.10.001.

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.



ACCEPTED MANUSCRIPT

- 1 Unravelling cortico-hypothalamic pathways regulating unconditioned fear-induced
- 2 antinociception and defensive behaviours

3

- 4 Luiz Luciano Falconi-Sobrinho^a, Tayllon dos Anjos-Garcia^a, Daoud Hibrahim Elias
- 5 Filho^a, Norberto Cysne Coimbra^{a,b*}

6

- ^aLaboratory of Neuroanatomy and Neuropsychobiology, Department of Pharmacology,
- 8 Ribeirão Preto Medical School of the University of São Paulo (USP), Av. Bandeirantes
- 9 3900, Ribeirão Preto, São Paulo, 14049-900, Brazil.
- 10 bNAP-USP-Neurobiology of Emotions (NuPNE) Research Centre, FMRP-USP,
- 11 Ribeirão Preto, São Paulo, Brazil.

12

- 13 Corresponding author: Prof. Dr. Norberto Cysne Coimbra
- 14 Laboratório de Neuroanatomia & Neuropsicobiologia, Faculdade de Medicina de
- 15 Ribeirão Preto da Universidade de São Paulo (FMRP-USP), Avenida dos Bandeirantes
- 16 3900, Ribeirão Preto, São Paulo, 14049-900, Brasil.
- 17 Tel: +55 16 3315 3116
- 18 Fax: +5516 3315 3349
- 19 E-mail: nccoimbr@fmrp.usp.br
- 20 Regular research article
- 21 Short Title: Anterior cingulate cortex modulates hypothalamically mediated defensive
- behaviour and antinociception
- 23 Statistical summary: abstract word count (250); manuscript word (9,756); number of
- references (104); number of figures (9)

25

Download English Version:

https://daneshyari.com/en/article/5549158

Download Persian Version:

https://daneshyari.com/article/5549158

<u>Daneshyari.com</u>