### **Accepted Manuscript**

Ghrelin's control of food reward and body weight in the lateral hypothalamic area is sexually dimorphic

Lorena López-Ferreras, Jennifer E. Richard, Rozita H. Anderberg, Fredrik H. Nilsson, Kajsa Olandersson, Scott E. Kanoski, Karolina P. Skibicka

PHYSIOLOGY & BEHAVIOR
AS INTERATIONAL JOURNAL

PII: S0031-9384(16)31187-8

DOI: doi: 10.1016/j.physbeh.2017.02.011

Reference: PHB 11677

To appear in: *Physiology & Behavior* 

Received date: 15 December 2016
Revised date: 18 January 2017
Accepted date: 10 February 2017

Please cite this article as: Lorena López-Ferreras, Jennifer E. Richard, Rozita H. Anderberg, Fredrik H. Nilsson, Kajsa Olandersson, Scott E. Kanoski, Karolina P. Skibicka , Ghrelin's control of food reward and body weight in the lateral hypothalamic area is sexually dimorphic. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Phb(2017), doi: 10.1016/j.physbeh.2017.02.011

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.

### ACCEPTED MANUSCRIPT

# Ghrelin's control of food reward and body weight in the lateral hypothalamic area is sexually dimorphic

Lorena López-Ferreras<sup>1</sup>, Jennifer E Richard<sup>1</sup>, Rozita H Anderberg<sup>1</sup>, Fredrik H Nilsson<sup>1</sup>, Kajsa Olandersson<sup>1</sup>, Scott E Kanoski<sup>2</sup>, Karolina P Skibicka<sup>1</sup>

<sup>1</sup>Department of Physiology/Metabolic Physiology, Institute of Neuroscience and Physiology, The Sahlgrenska Academy at the University of Gothenburg, Sweden.

<sup>2</sup>Human and Evolutionary Biology Section, Department of Biological Sciences, University of Southern California, Los Angeles, CA 90089 USA

Corresponding author:

Dr Karolina P Skibicka,

Department of Physiology/Metabolic Physiology, Institute of Neuroscience and Physiology, The Sahlgrenska Academy at the University of Gothenburg, Medicinaregatan 11, PO Box 434, SE-405 30 Gothenburg, Sweden

Email: Karolina.Skibicka@neuro.gu.se

Office: +46 31-786 3436, Fax: +46 31 786 3512

Keywords: ghrelin, lateral hypothalamus, body weight, operant conditioning, food motivation

#### Download English Version:

## https://daneshyari.com/en/article/5593882

Download Persian Version:

https://daneshyari.com/article/5593882

<u>Daneshyari.com</u>