### Accepted Manuscript

The effects of long-term estradiol treatment on social behavior and gene expression in adult female rats

Alexandra N. Garcia, Kelsey Bezner, Christina Depena, Weiling Yin, Andrea C. Gore

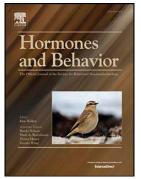
 PII:
 S0018-506X(16)30266-5

 DOI:
 doi: 10.1016/j.yhbeh.2016.11.011

 Reference:
 YHBEH 4140

To appear in: Hormones and Behavior

Received date:7 June 2016Revised date:4 November 2016Accepted date:14 November 2016



Please cite this article as: Garcia, Alexandra N., Bezner, Kelsey, Depena, Christina, Yin, Weiling, Gore, Andrea C., The effects of long-term estradiol treatment on social behavior and gene expression in adult female rats, *Hormones and Behavior* (2016), doi: 10.1016/j.yhbeh.2016.11.011

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

The effects of long-term estradiol treatment on social behavior and gene expression in adult female rats

Alexandra N. Garcia<sup>1</sup>, Kelsey Bezner<sup>2</sup>, Christina Depena<sup>2</sup>, Weiling Yin<sup>2</sup>, and Andrea C. Gore<sup>1,2</sup>

<sup>1</sup>Department of Psychology, <sup>2</sup>Division of Pharmacology and Toxicology, The University of

Texas at Austin, Austin, TX, 78712, USA

Corresponding author:

Andrea C. Gore, Ph.D.

Division of Pharmacology and Toxicology

The University of Texas at Austin

107 W. Dean Keeton, C0875

Austin, TX 78712 USA

Email: andrea.gore@austin.utexas.edu

Phone: 512-471-3669 Fax: 512-471-5002

#### Keywords

Estradiol; Ultrasonic vocalization; Menopause; Hypothalamus; Social behavior; Gene expression; Oxytocin; Vasopressin; Dopamine; Serotonin, Epigenetics

#### Grant support: NIH AG16765

Acknowledgment: We thank Krittika Krishnan for assistance in preparing the sonogram shown

in Figure 2.

Download English Version:

# https://daneshyari.com/en/article/4931233

Download Persian Version:

https://daneshyari.com/article/4931233

Daneshyari.com