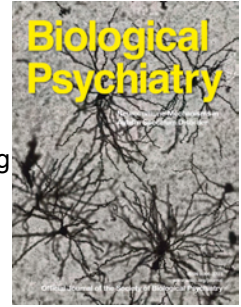


Accepted Manuscript



Essential role of ovarian hormones in susceptibility to the consequences of witnessing social defeat in female rats

Julie E. Finnell, BS, Brandon L. Muniz, BS, Akhila R. Padi, Calliandra M. Lombard, BA, Casey M. Moffitt, Christopher S. Wood, PhD, L. Britt Wilson, PhD, Lawrence P. Reagan, PhD, Marlene A. Wilson, PhD, Susan K. Wood, PhD

PII: S0006-3223(18)30044-1

DOI: [10.1016/j.biopsych.2018.01.013](https://doi.org/10.1016/j.biopsych.2018.01.013)

Reference: BPS 13445

To appear in: *Biological Psychiatry*

Received Date: 9 September 2017

Revised Date: 3 January 2018

Accepted Date: 4 January 2018

Please cite this article as: Finnell J.E., Muniz B.L., Padi A.R., Lombard C.M., Moffitt C.M., Wood C.S., Wilson L.B., Reagan L.P., Wilson M.A. & Wood S.K., Essential role of ovarian hormones in susceptibility to the consequences of witnessing social defeat in female rats, *Biological Psychiatry* (2018), doi: [10.1016/j.biopsych.2018.01.013](https://doi.org/10.1016/j.biopsych.2018.01.013).

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.

Essential role of ovarian hormones in susceptibility to the consequences of witnessing social defeat in female rats

Running Title: Ovarian hormone-induced sensitivity to witness stress

Julie E. Finnell BS¹, Brandon L. Muniz BS¹, Akhila R. Padi¹, Calliandra M. Lombard BA¹, Casey M. Moffitt¹, Christopher S. Wood PhD¹, L. Britt Wilson PhD¹, Lawrence P. Reagan PhD^{1,2}, Marlene A. Wilson PhD^{1,2}, Susan K. Wood PhD^{1,2}

¹Department of Pharmacology, Physiology, and Neuroscience; University of South Carolina School of Medicine, Columbia, SC 29209

²WJB Dorn Veterans Administration Medical Center, Columbia, SC 29209

Corresponding author and to whom reprint requests should be addressed:

Susan K. Wood, PhD

Department of Pharmacology, Physiology, and Neuroscience

University of South Carolina School of Medicine

6439 Garners Ferry Rd., Columbia SC, 29061

Phone: 803-216-3522

Fax: 803-216-3549

Susan.Wood@uscmed.sc.edu

Key words: psychosocial stress; heart rate variability; vicarious social defeat; corticotropin releasing factor; cytokine; central amygdala; hippocampus

Length of Article: 3983

Length of Abstract: 250 words

Number of Figures/Tables: 5

Supplemental documentation: Yes

Download English Version:

<https://daneshyari.com/en/article/8813861>

Download Persian Version:

<https://daneshyari.com/article/8813861>

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