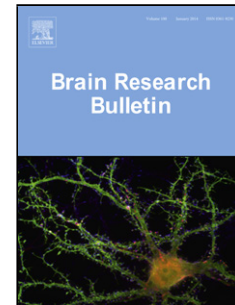


## Accepted Manuscript

Title: Adolescent chronic variable social stress influences exploratory behavior and nicotine responses in male, but not female, BALB/cJ mice

Authors: M.J. Caruso, D.E. Reiss, J.I. Caulfield, J.L. Thomas, A.N. Baker, S.A. Cavigelli, H.M. Kamens



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**Adolescent chronic variable social stress influences exploratory behavior and nicotine responses in male, but not female, BALB/cJ mice.**

**Short title:** ADOLESCENT STRESS, NICOTINE, & ANXIETY-BEHAVIORS

Caruso, M.J.<sup>1</sup>, Reiss, D.E.<sup>1</sup>, Caulfield, J.I.<sup>1,2,3</sup>, Thomas, J.L.<sup>1</sup>, Baker, A.N.,<sup>3</sup> Cavigelli, S.A.<sup>1,2,3</sup>, & Kamens, H.M.<sup>1,2\*</sup>

<sup>1</sup> Department of Biobehavioral Health, Pennsylvania State University, University Park, PA 16802.

<sup>2</sup> The Center for Brain, Behavior, and Cognition, Pennsylvania State University, University Park, PA 16802.

<sup>3</sup> The Huck Institutes for the Life Sciences, Pennsylvania State University, University Park, PA 16802.

***\*Corresponding Author:***

Helen M. Kamens  
219 Biobehavioral Health Building  
The Pennsylvania State University  
University Park, PA, 16802  
Phone: 814-865-1269  
Fax: 814-863-7525  
E-mail: hmk123@psu.edu

**Highlights**

- Adolescent social stress altered nicotine responses in male but not female mice
- Adolescent social stress altered exploratory behavior in male mice
- Stress-effects on nicotine responses were associated with exploratory behavior
- Adolescent stress may have sex-specific effects on development of nicotine responses

**Abstract**

Anxiety disorders and nicotine use are significant contributors to global morbidity and mortality as independent and comorbid diseases. Early-life stress, potentially via stress-induced hypothalamic-pituitary-adrenal axis (HPA) dysregulation, can exacerbate both. However, little is known about the factors that predispose individuals to the development of both anxiety disorders

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