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Authors: M. Allie Holschbach, Erika V. Vitale, Joseph S.

Lonstein

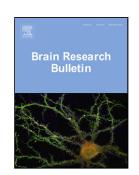
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## ACCEPTED MANUSCRIPT

# Serotonin-specific lesions of the dorsal raphe disrupt maternal aggression and caregiving in postpartum rats

M. Allie Holschbach<sup>1\*</sup>, Erika V. Vitale<sup>2</sup>, Joseph S. Lonstein<sup>1,2</sup> Neuroscience Program<sup>1</sup>, Department of Psychology<sup>2</sup> 108 Giltner Hall Michigan State University East Lansing MI 48824 USA

Corresponding author: Joseph S. Lonstein 108 Giltner Hall Michigan State University East Lansing, MI USA 48824 Phone: 517-353-8675

Phone: 51/-353-86/5 Email: Lonstein@msu.edu

\*Current address:
Department of Anatomy & Zoology
1617 Campus Delivery
Colorado State University
Fort Collins, CO 80523 USA

#### **Highlights:**

- Prepartum serotonin-specific lesions of the DRdm impaired maternal aggression
- Larger postpartum DR serotonin lesions affected both aggression and caregiving
- DR serotonin lesions did not affect postpartum anxiety
- Serotonin fibers in the anterior hypothalamus were reduced by DRdm lesions
- Serotonin from DRdm to AH may be especially involved in maternal aggression

#### **ABSTRACT**

The behavioral modifications associated with early motherhood, including high aggression, caring for young, and low anxiety are all affected by acute pharmacological manipulation of

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