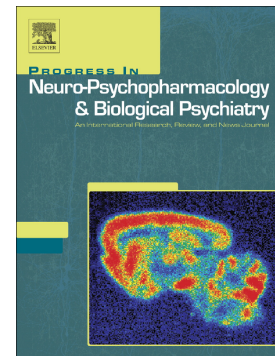


Accepted Manuscript

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PII: S0278-5846(17)30355-X
DOI: doi: [10.1016/j.pnpbp.2017.09.005](https://doi.org/10.1016/j.pnpbp.2017.09.005)
Reference: PNP 9219

To appear in: *Progress in Neuropsychopharmacology & Biological Psychiatry*

Received date: 4 May 2017
Revised date: 21 August 2017
Accepted date: 8 September 2017

Please cite this article as: Tristan J. Hynes, Catherine S. Thomas, Alicia S. Zumbusch, Anna Samson, Ioana Petriman, Una Mrdja, Angelique Orr, Emilie Cutts, Bruce G. Ruzindana, Alimohamed Hazari, Margaret Zjadewicz, Vedran Lovic , Early life adversity potentiates expression of addiction-related traits. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Pnp(2017), doi: [10.1016/j.pnpbp.2017.09.005](https://doi.org/10.1016/j.pnpbp.2017.09.005)

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Early Life Adversity Potentiates Expression of Addiction-Related Traits

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ABSTRACT

Many individuals sporadically and circumstantially sample addictive drugs, yet few become addicted. The individual vulnerabilities underlying the development of addiction are not well understood. Correlational findings show that early life adversity is associated with a greater propensity to develop drug addiction. However, the mechanisms by which early life adversity increases addiction vulnerability are unknown. Separate lines of research have found that several traits are associated with addiction. Here, we examined the effects of early life adversity on addiction-related traits in adulthood. We weaned male and female Sprague-Dawley rats (postnatal day – PND21) and randomly assigned them to either a non-adversity group (N-ADV)

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