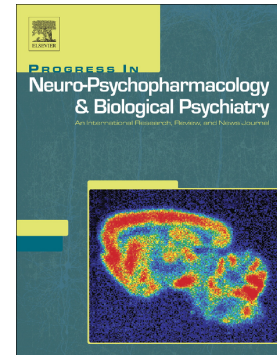


## Accepted Manuscript

Effects of early-life malnutrition on neurodevelopment and neuropsychiatric disorders and the potential mechanisms

Xintian Yan, Xinzhi Zhao, Juxue Li, Lin He, Mingqing Xu



PII: S0278-5846(17)30726-1  
DOI: doi:[10.1016/j.pnpbp.2017.12.016](https://doi.org/10.1016/j.pnpbp.2017.12.016)  
Reference: PNP 9310

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

Received date: 27 August 2017  
Revised date: 21 December 2017  
Accepted date: 24 December 2017

Please cite this article as: Xintian Yan, Xinzhi Zhao, Juxue Li, Lin He, Mingqing Xu , Effects of early-life malnutrition on neurodevelopment and neuropsychiatric disorders and the potential mechanisms. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Pnp(2017), doi:[10.1016/j.pnpbp.2017.12.016](https://doi.org/10.1016/j.pnpbp.2017.12.016)

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.

## Effects of early-life malnutrition on neurodevelopment and neuropsychiatric disorders and the potential mechanisms

Xintian Yan<sup>a,b</sup>, Xinzhi Zhao<sup>c,d</sup>, Juxue Li<sup>e</sup>, Lin He<sup>a,b,c</sup>, Mingqing Xu<sup>a,b,\*</sup>

<sup>a</sup> Bio-X Institutes, Key Laboratory for the Genetics of Developmental and Neuropsychiatric Disorders (Ministry of Education), Shanghai Jiao Tong University, Shanghai, China;

<sup>b</sup> Shanghai Key Laboratory of Psychotic Disorders, Shanghai Mental Health Center, and Shanghai Jiao Tong University School of Medicine, Shanghai, China.

<sup>c</sup> Collaborative Innovation Center for Genetics and Development, Institutes of Biomedical Sciences, Fudan University, Shanghai, China;

<sup>d</sup> Children Hospital of Fudan University, Shanghai, China; Shanghai Key Laboratory of Prevention and Intervention of Birth Defects, Shanghai, China;

<sup>e</sup> Department of Biochemistry and Molecular Biology, Key Laboratory of Human Functional Genomics of Jiangsu Province, Nanjing Medical University, Nanjing, Jiangsu, China;

\* Correspondence should be addressed to Prof. Mingqing Xu, Bio-X Institutes, Key Laboratory for the Genetics of Developmental and Neuropsychiatric Disorders (Ministry of Education), Shanghai Jiao Tong University, Shanghai, China. E-mail address: mingqingxu@sjtu.edu.cn; or mingqingxu@gmail.com

**Number of Tables: 6**

**Number of Figures: 7**

**Number of references: 187**

Download English Version:

<https://daneshyari.com/en/article/8537381>

Download Persian Version:

<https://daneshyari.com/article/8537381>

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