

# Accepted Manuscript

Longer telomeres in elderly schizophrenia are associated with long-term hospitalization in the Japanese population

Yuan Zhang, Akitoyo Hishimoto, Ikuo Otsuka, Yuichiro Watanabe, Shusuke Numata, Hidenaga Yamamori, Shuken Boku, Tadasu Horai, Toshiyuki Someya, Tetsuro Ohmori, Ryota Hashimoto, Ichiro Sora

PII: S0022-3956(18)30082-7

DOI: [10.1016/j.jpsychires.2018.05.014](https://doi.org/10.1016/j.jpsychires.2018.05.014)

Reference: PIAT 3378

To appear in: *Journal of Psychiatric Research*

Received Date: 21 January 2018

Revised Date: 25 April 2018

Accepted Date: 20 May 2018

Please cite this article as: Zhang Y, Hishimoto A, Otsuka I, Watanabe Y, Numata S, Yamamori H, Boku S, Horai T, Someya T, Ohmori T, Hashimoto R, Sora I, Longer telomeres in elderly schizophrenia are associated with long-term hospitalization in the Japanese population, *Journal of Psychiatric Research* (2018), doi: 10.1016/j.jpsychires.2018.05.014.

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.



**Longer telomeres in elderly schizophrenia are associated with long-term hospitalization in the Japanese population**

Yuan Zhang<sup>a</sup>, Akitoyo Hishimoto<sup>a\*</sup>, Ikuo Otsuka<sup>a</sup>, Yuichiro Watanabe<sup>b</sup>, Shusuke Numata<sup>c</sup>,  
Hidenaga Yamamori<sup>d</sup>, Shuken Boku<sup>a</sup>, Tadasu Horai<sup>a</sup>, Toshiyuki Someya<sup>b</sup>, Tetsuro Ohmori<sup>c</sup>,  
Ryota Hashimoto<sup>d,e</sup>, Ichiro Sora<sup>a</sup>

<sup>a</sup> Department of Psychiatry, Kobe University Graduate School of Medicine, Kobe, Japan.

<sup>b</sup> Department of Psychiatry, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan.

<sup>c</sup> Department of Psychiatry, Graduate School of Biomedical Sciences, Tokushima University, Tokushima, Japan.

<sup>d</sup> Department of Psychiatry, Graduate School of Medicine, Osaka University, Osaka, Japan.

<sup>e</sup> Molecular Research Center for Children's Mental Development, United Graduate School of Child Development, Osaka University, Osaka, Japan.

\* Corresponding author:

Akitoyo Hishimoto, M.D., Ph.D.

Associate Professor, Department of Psychiatry, Kobe University Graduate School of Medicine, 7-5-1, Kusunoki-cho, Chuo-ku, Kobe 650-0017, Japan

Download English Version:

<https://daneshyari.com/en/article/6799477>

Download Persian Version:

<https://daneshyari.com/article/6799477>

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