

# Accepted Manuscript

Intercellular transfer of pathogenic  $\alpha$ -synuclein by extracellular vesicles is induced by the lipid peroxidation product 4-hydroxynonenal

Shi Zhang, Erez Eitan, Tsung-Yu Wu, Mark P. Mattson



PII: S0197-4580(17)30309-3

DOI: [10.1016/j.neurobiolaging.2017.09.016](https://doi.org/10.1016/j.neurobiolaging.2017.09.016)

Reference: NBA 10036

To appear in: *Neurobiology of Aging*

Received Date: 8 May 2017

Revised Date: 4 September 2017

Accepted Date: 14 September 2017

Please cite this article as: Zhang, S., Eitan, E., Wu, T.-Y., Mattson, M.P., Intercellular transfer of pathogenic  $\alpha$ -synuclein by extracellular vesicles is induced by the lipid peroxidation product 4-hydroxynonenal, *Neurobiology of Aging* (2017), doi: 10.1016/j.neurobiolaging.2017.09.016.

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.

**Intercellular transfer of pathogenic  $\alpha$ -synuclein by extracellular vesicles is induced by the lipid peroxidation product 4-hydroxynonenal**

**Shi Zhang<sup>1</sup>, Erez Eitan<sup>1</sup> Tsung-Yu Wu<sup>1</sup>, and Mark P. Mattson<sup>1,2\*</sup>**

<sup>1</sup>Laboratory of Neurosciences, National Institute on Aging Intramural Research Program, BRC 5C214, 251 Bayview Boulevard, Baltimore, MD 21224, USA.

<sup>2</sup>Department of Neuroscience, Johns Hopkins University School of Medicine, Baltimore, MD, 21205, USA.

Correspondence: Mark P. Mattson, [mark.mattson@nih.gov](mailto:mark.mattson@nih.gov)

Download English Version:

<https://daneshyari.com/en/article/4932517>

Download Persian Version:

<https://daneshyari.com/article/4932517>

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