

# Accepted Manuscript

## Research Article

### Proteomic profiling of exosomal proteins for blood-based biomarkers in Parkinson's disease

Yuki Kitamura, Midori Kojima, Toshihito Kurosawa, Ryogen Sasaki, Sahoko Ichihara, Yusuke Hiraku, Hidekazu Tomimoto, Mariko Murata, Shinji Oikawa

PII: S0306-4522(18)30615-8

DOI: <https://doi.org/10.1016/j.neuroscience.2018.09.017>

Reference: NSC 18645

To appear in: *Neuroscience*

Received Date: 5 March 2018

Accepted Date: 17 September 2018

Please cite this article as: Y. Kitamura, M. Kojima, T. Kurosawa, R. Sasaki, S. Ichihara, Y. Hiraku, H. Tomimoto, M. Murata, S. Oikawa, Proteomic profiling of exosomal proteins for blood-based biomarkers in Parkinson's disease, *Neuroscience* (2018), doi: <https://doi.org/10.1016/j.neuroscience.2018.09.017>

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.



**Title**

Proteomic profiling of exosomal proteins for blood-based biomarkers in Parkinson's disease

**Author names**

Yuki Kitamura<sup>1,5</sup>, Midori Kojima<sup>1</sup>, Toshihito Kurosawa<sup>2</sup>, Ryogen Sasaki<sup>3</sup>, Sahoko Ichihara<sup>4,6</sup>, Yusuke Hiraku<sup>1</sup>, Hidekazu Tomimoto<sup>3</sup>, Mariko Murata<sup>1</sup>, Shinji Oikawa\*<sup>1</sup>

**Author affiliations**

<sup>1</sup>*Department of Environmental and Molecular Medicine, Mie University Graduate School of Medicine, Mie, Japan,* <sup>2</sup>*Advanced Science Research Promotion Center, Mie University, Mie, Japan,* <sup>3</sup>*Department of Neurology, Mie University Graduate School of Medicine, Mie, Japan,* <sup>4</sup>*Graduate School of Regional Innovation Studies, Mie University, Mie, Japan*

**Correspondence details**

Shinji Oikawa, Department of Environmental and Molecular Medicine, Mie University Graduate School of Medicine, 2-174, Edobashi, Tsu, Mie 514-8507, Japan

E-mail: s-oikawa@doc.medic.mie-u.ac.jp

Telephone and fax number: +81-59-231-5011

Download English Version:

<https://daneshyari.com/en/article/11013188>

Download Persian Version:

<https://daneshyari.com/article/11013188>

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