### Accepted Manuscript

Oxidative stress-dependent MMP-13 activity underlies glucose neurotoxicity



Ashley L. Waldron, Patricia A. Schroder, Kelly L. Bourgon, Jessie K. Bolduc, James L. Miller, Adriana D. Pellegrini, Amanda L. Dubois, Magdalena Blaszkiewicz, Kristy L. Townsend, Sandra Rieger

PII:	S1056-8727(17)31366-1
DOI:	doi:10.1016/j.jdiacomp.2017.11.012
Reference:	JDC 7136
To appear in:	
Received date:	26 September 2017

Received date.	20 September 2017
Revised date:	27 November 2017
Accepted date:	28 November 2017

Please cite this article as: Ashley L. Waldron, Patricia A. Schroder, Kelly L. Bourgon, Jessie K. Bolduc, James L. Miller, Adriana D. Pellegrini, Amanda L. Dubois, Magdalena Blaszkiewicz, Kristy L. Townsend, Sandra Rieger, Oxidative stress-dependent MMP-13 activity underlies glucose neurotoxicity. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jdc(2017), doi:10.1016/j.jdiacomp.2017.11.012

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.

## **ACCEPTED MANUSCRIPT**

#### Title: Oxidative stress-dependent MMP-13 activity underlies glucose neurotoxicity

Running title: MMP-13 dependent glucose neurotoxicity

Authors: Ashley L. Waldron<sup>1#</sup>, Patricia A. Schroder<sup>1#</sup>, Kelly L. Bourgon<sup>1#</sup>, Jessie K. Bolduc<sup>1</sup>, James L. Miller<sup>1</sup>, Adriana D. Pellegrini<sup>1</sup>, Amanda L. Dubois<sup>2</sup>, Magdalena Blaszkiewicz<sup>2</sup>, Kristy L. Townsend<sup>2</sup>, and Sandra Rieger<sup>\*1</sup>

#### Affiliations:

 <sup>1</sup> Davis Center for Regenerative Biology and Medicine, MDI Biological Laboratory, Kathryn W. Davis Building 227, Old Bar Harbor Road, Salisbury Cove, Maine 04672
<sup>2</sup> School of Biology and Ecology; Graduate School of Biomedical Sciences and Engineering, University of Maine, Orono ME 04469

<sup>#</sup> These authors contributed equally to the work.

\*Correspondence: Sandra Rieger, PhD

MDI Biological Laboratory

Kathryn W. Davis Center for Regenerative Biology and Medicine,

159 Old Bar Harbor Road, PO Box 35

Salisbury Cove, Maine USA 04672

Download English Version:

# https://daneshyari.com/en/article/8632209

Download Persian Version:

https://daneshyari.com/article/8632209

Daneshyari.com