

Accepted Manuscript

Allopregnanolone and its analog BR 297 rescue neuronal cells from oxidative stress-induced death through bioenergetic improvement

Imane Lejri, Amandine Grimm, Michel Miesch, Philippe Geoffroy, Anne Eckert, Ayikoe-Guy Mensah-Nyagan

PII: S0925-4439(16)30335-0
DOI: doi:[10.1016/j.bbadis.2016.12.007](https://doi.org/10.1016/j.bbadis.2016.12.007)
Reference: BBADIS 64636

To appear in: *BBA - Molecular Basis of Disease*

Received date: 20 June 2016
Revised date: 10 November 2016
Accepted date: 12 December 2016



Please cite this article as: Imane Lejri, Amandine Grimm, Michel Miesch, Philippe Geoffroy, Anne Eckert, Ayikoe-Guy Mensah-Nyagan, Allopregnanolone and its analog BR 297 rescue neuronal cells from oxidative stress-induced death through bioenergetic improvement, *BBA - Molecular Basis of Disease* (2016), doi:[10.1016/j.bbadis.2016.12.007](https://doi.org/10.1016/j.bbadis.2016.12.007)

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.

Allopregnanolone and its analog BR 297 rescue neuronal cells from oxidative stress-induced death through bioenergetic improvement

Imane Lejri^{1, 2, 3}, Amandine Grimm^{2, 3}, Michel Miesch⁴, Philippe Geoffroy⁴, Anne Eckert^{2, 3*}, Ayikoe-Guy Mensah-Nyagan^{1*&}

¹Biopathologie de la Myéline, Neuroprotection et Stratégies Thérapeutiques, INSERM U1119, Fédération de Médecine Translationnelle de Strasbourg (FMTS), Université de Strasbourg, Bâtiment 3 de la Faculté de Médecine, 11 rue Humann, 67 000 Strasbourg, France

² Neurobiology Laboratory for Brain Aging and Mental Health, Transfaculty Research Platform, Molecular and Cognitive Neuroscience, University of Basel, Wilhelm Klein-Str. 27, 4012 Basel, Switzerland

³Psychiatric University Clinics, University of Basel, Wilhelm Klein-Str. 27, 4012 Basel, Switzerland

⁴Université de Strasbourg, Institut de Chimie - UMR 7177, 1 rue Blaise Pascal, 67008 Strasbourg, France.

* These authors contributed equally to this work.

&Corresponding author: Ayikoe-Guy Mensah-Nyagan

E-Mail: gmensah@unistra.fr

Tel: +33 (0)3 68 85 31 24 or 25

Fax: +33 (0)3 68 85 35 70

Correspondence can also be sent to Anne Eckert

Download English Version:

<https://daneshyari.com/en/article/5501133>

Download Persian Version:

<https://daneshyari.com/article/5501133>

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