

# Accepted Manuscript

Research report

Antidepressant-like activity of venlafaxine and clonidine in mice exposed to single prolonged stress - a model of post-traumatic stress disorder. Pharmacodynamic and molecular docking studies

Natalia Malikowska, Łukasz Fijałkowski, Alicja Nowaczyk, Piotr Popik, Kinga Sałat

PII: S0006-8993(17)30328-1

DOI: <http://dx.doi.org/10.1016/j.brainres.2017.08.001>

Reference: BRES 45443

To appear in: *Brain Research*

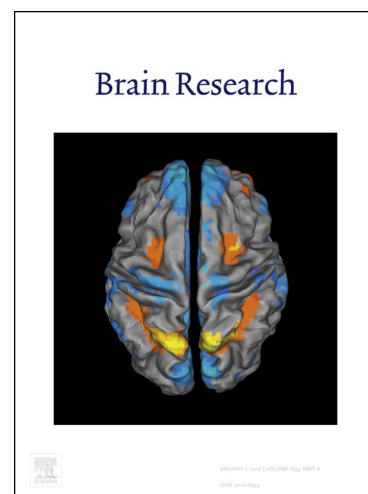
Received Date: 3 June 2017

Revised Date: 14 July 2017

Accepted Date: 2 August 2017

Please cite this article as: N. Malikowska, L. Fijałkowski, A. Nowaczyk, P. Popik, K. Sałat, Antidepressant-like activity of venlafaxine and clonidine in mice exposed to single prolonged stress - a model of post-traumatic stress disorder. Pharmacodynamic and molecular docking studies, *Brain Research* (2017), doi: <http://dx.doi.org/10.1016/j.brainres.2017.08.001>

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.



Antidepressant-like activity of venlafaxine and clonidine in mice exposed to single prolonged stress - a model of post-traumatic stress disorder. Pharmacodynamic and molecular docking studies

Natalia Malikowska<sup>1</sup>, Łukasz Fijałkowski<sup>2</sup>, Alicja Nowaczyk<sup>2</sup>, Piotr Popik<sup>3</sup>, Kinga Sałat<sup>1\*</sup>

<sup>1</sup> Department of Pharmacodynamics, Faculty of Pharmacy, Jagiellonian University Medical College, 9 Medyczna St., 30-688 Krakow, Poland

<sup>2</sup> Department of Organic Chemistry, Faculty of Pharmacy, Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University, 2 dr. A. Jurasza St., 85-094 Bydgoszcz, Poland

<sup>3</sup> Department of Behavioral Neuroscience and Drug Development, Institute of Pharmacology, Polish Academy of Sciences, 12 Smetna St., 31-343 Krakow, Poland

\*To whom correspondence should be addressed.

Tel: +48-12-6205-555; E-mail: kinga.salat@uj.edu.pl

Download English Version:

<https://daneshyari.com/en/article/5736518>

Download Persian Version:

<https://daneshyari.com/article/5736518>

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