# Accepted Manuscript

Title: Zebrafish models of epigenetic regulation of CNS

functions

Authors: Anton M. Lakstygal, Murilo S. de Abreu, Allan V.

Kalueff

PII: \$0361-9230(18)30464-7

DOI: https://doi.org/10.1016/j.brainresbull.2018.08.022

Reference: BRB 9504

To appear in: Brain Research Bulletin

Received date: 24-6-2018 Revised date: 22-8-2018 Accepted date: 30-8-2018

Please cite this article as: Lakstygal AM, de Abreu MS, Kalueff AV, Zebrafish models of epigenetic regulation of CNS functions, *Brain Research Bulletin* (2018), https://doi.org/10.1016/j.brainresbull.2018.08.022

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

#### Zebrafish models of epigenetic regulation of CNS functions

Anton M. Lakstygal<sup>1,2</sup>, Murilo S. de Abreu<sup>3,4</sup>, Allan V. Kalueff<sup>5,6,7,8,9,10,11\*</sup>

<sup>1</sup>Institute of Translational Biomedicine, St. Petersburg State University, St. Petersburg, Russia;

<sup>2</sup>Laboratory of Preclinical Bioscreening, Russian Research Center for Radiology and Surgical

Technologies, Pesochny, Russia;

<sup>3</sup>Bioscience Institute, University of Passo Fundo (UPF), Passo Fundo, RS, Brazil;

<sup>4</sup>The International Zebrafish Neuroscience Research Consortium, Slidell, LA, USA

<sup>5</sup>School of Pharmacy, Southwest University, Chongqing, China;

<sup>6</sup>Laboratory of Biological Psychiatry, Institute of Translational Biomedicine, St. Petersburg State

University, St. Petersburg, Russia;

<sup>7</sup>Institute of Experimental Medicine, Almazov National Medical Research Centre, St. Petersburg,

Russia;

<sup>8</sup>Scientific Research Institute of Physiology and Basic Medicine, Novosibirsk, Russia;

<sup>9</sup>Ural Federal University, Ekaterinburg, Russia;

<sup>10</sup>Russian Research Center for Radiology and Surgical Technologies, Pesochny, Russia;

<sup>11</sup>ZENEREI Research Center, Slidell, LA, USA.

\*Corresponding author: Allan V. Kalueff, PhD

School of Pharmacy, Southwest University, Chongqing, China.

Tel/Fax: +1-240-899-9571, E-mail: avkalueff@gmail.com

## **Highlights**

- Epigenetic regulation has become a key focus of neuroscience and biological psychiatry.
- Animal (experimental) models are a useful tool for epigenetic studies.

### Download English Version:

# https://daneshyari.com/en/article/10106890

Download Persian Version:

https://daneshyari.com/article/10106890

<u>Daneshyari.com</u>