Title: Zebrafish models of epigenetic regulation of CNS functions

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

PII: S0361-9230(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

Zebrafish models of epigenetic regulation of CNS functions

Anton M. Lakstygal[1,2] , Murilo S. de Abreu[3,4], Allan V. Kalueff[5,6,7,8,9,10,11*]

[1]Institute of Translational Biomedicine, St. Petersburg State University, St. Petersburg, Russia;

[2]Laboratory of Preclinical Bioscreening, Russian Research Center for Radiology and Surgical Technologies, Pesochny, Russia;

[3]Bioscience Institute, University of Passo Fundo (UPF), Passo Fundo, RS, Brazil;

[4]The International Zebrafish Neuroscience Research Consortium, Slidell, LA, USA

[5]School of Pharmacy, Southwest University, Chongqing, China;

[6]Laboratory of Biological Psychiatry, Institute of Translational Biomedicine, St. Petersburg State University, St. Petersburg, Russia;

[7]Institute of Experimental Medicine, Almazov National Medical Research Centre, St. Petersburg, Russia;

[8]Scientific Research Institute of Physiology and Basic Medicine, Novosibirsk, Russia;

[9]Ural Federal University, Ekaterinburg, Russia;

[10]Russian Research Center for Radiology and Surgical Technologies, Pesochny, Russia;

[11]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.