Accepted Manuscript

Title: Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models

Author: Judith R. Homberg Evan J. Kyzar Michael Nguyen William H. Norton Julian Pittman Manoj K. Poudel Siddharth Gaikwad Shun Nakamura Mamiko Koshiba Hideo Yamanouchi Maria Luisa Scattoni Jeremy F.P. Ullman David M. Diamond Aleksandra A. Kaluyeva Matthew O. Parker Victor M. Klimenko Sergey A. Apryatin Richard E. Brown Cai Song Raul R. Gainetdinov Irving I. Gottesman Allan V. Kalueff



PII: S0149-7634(15)30137-8

DOI: http://dx.doi.org/doi:10.1016/j.neubiorev.2016.03.013

Reference: NBR 2380

To appear in:

Received date: 20-8-2015 Revised date: 11-3-2016 Accepted date: 21-3-2016

Please cite this article as: Homberg, Judith R., Kyzar, Evan J., Nguyen, Michael, Norton, William H., Pittman, Julian, Poudel, Manoj K., Gaikwad, Siddharth, Nakamura, Shun, Koshiba, Mamiko, Yamanouchi, Hideo, Scattoni, Maria Luisa, Ullman, Jeremy F.P., Diamond, David M., Kaluyeva, Aleksandra A., Parker, Matthew O., Klimenko, Victor M., Apryatin, Sergey A., Brown, Richard E., Song, Cai, Gainetdinov, Raul R., Gottesman, Irving I., Kalueff, Allan V., Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models. Neuroscience and Biobehavioral Reviews http://dx.doi.org/10.1016/j.neubiorev.2016.03.013

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

Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models

Judith R. Homberg^{1*}, Evan J. Kyzar^{2,3*}, Michael Nguyen^{3,4}, William H. Norton⁵, Julian Pittman⁶, Manoj K. Poudel³, Siddharth Gaikwad³, Shun Nakamura⁷, Mamiko Koshiba⁸, Hideo Yamanouchi⁸, Maria Luisa Scattoni⁹, Jeremy F.P. Ullman¹⁰, David M. Diamond^{11,12}, Aleksandra A. Kaluyeva³, Matthew O. Parker¹³, Victor M. Klimenko¹⁴, Sergey A. Apryatin¹⁵, Richard E. Brown¹⁶, Cai Song^{16,17,18}, Raul R. Gainetdinov^{19,20}, Irving I. Gottesman²¹ and Allan V. Kalueff^{17,19,22**}

¹Department of Cognitive Neuroscience, Donders Institute for Brain, Cognition, and Behaviour, Radboud University Medical Centre, Nijmegen, Netherlands

²Department of Psychiatry, College of Medicine, University of Illinois at Chicago, Chicago, IL, USA

³The International Stress and Behavior Society (ISBS) and ZENEREI Research Center, Slidell, LA, USA

⁴New York University School of Medicine, New York, NY, USA

⁵Department of Biology, University of Leicester, Leicester, UK

⁶Department of Biological and Environmental Sciences, Troy University, Troy, AL, USA

⁷Tokyo University of Agriculture and Technology, Tokyo, Japan

⁸Departments of Pediatrics and Biochemistry, Saitama Medical University, Saitama, Japan

⁹Department of Cell Biology and Neurosciences, Istituto Superiore di Sanita, Rome, Italy

¹⁰Centre for Advanced Imaging, University of Queensland, Brisbane, Queensland, Australia

¹¹Department of Psychology, University of South Florida, Tampa, FL, USA

¹²J.A. Haley Veterans Hospital, Research and Development Service, Tampa, FL, USA

¹³School of Health Sciences and Social Work, University of Portsmouth, Portsmouth, UK

Download English Version:

https://daneshyari.com/en/article/7302911

Download Persian Version:

https://daneshyari.com/article/7302911

<u>Daneshyari.com</u>