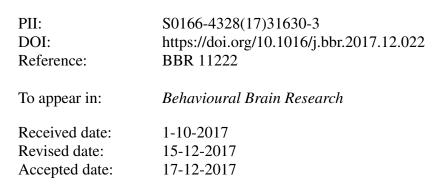
Accepted Manuscript

Title: Ethological approach to social isolation effects in behavioral studies of laboratory rodents

Author: Hiroyuki Arakawa





Please cite this article as: Arakawa H, Ethological approach to social isolation effects in behavioral studies of laboratory rodents, *Behavioural Brain Research* (2010), https://doi.org/10.1016/j.bbr.2017.12.022

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

Title:

Ethological approach to social isolation effects in behavioral studies of laboratory rodents

Author and affiliation: Hiroyuki Arakawa* Rodent Behavioral Core, Department of Research Administration, Case Western Reserve University School of Medicine Cleveland, OH, USA

*Corresponding author Hiroyuki Arakawa Email: <u>hxa171@case.edu</u> 2109 Adelbert Rd. ARC-RB05P Cleveland, Ohio, 44106, USA

Running title: Ethological approach to isolation effect

Highlights:

- Ethological approach helps to understand the housing effects on rodent behaviors
- Effect of isolation rearing depends on social relationships with cagemates when isolated
- Isolation rearing during critical developmental period induces behavioral agitation
- Short-term isolation rearing disrupts social transmission of information between cagemates

Abstract:

Download English Version:

https://daneshyari.com/en/article/8837902

Download Persian Version:

https://daneshyari.com/article/8837902

Daneshyari.com