## Accepted Manuscript

Title: A motorized pellet dispenser to deliver high intensity training of the single pellet task in rats

Authors: Abel Torres-Espín, Juan Forero, Emma Schmidt, Karim Fouad, Keith K. Fenrich

PII: S0166-4328(17)30665-4

DOI: http://dx.doi.org/10.1016/j.bbr.2017.08.033

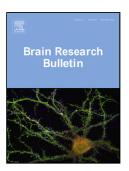
Reference: BBR 11052

To appear in: Behavioural Brain Research

Received date: 18-4-2017 Revised date: 11-7-2017 Accepted date: 19-8-2017

Please cite this article as: Torres-Espín Abel, Forero Juan, Schmidt Emma, Fouad Karim, Fenrich Keith K.A motorized pellet dispenser to deliver high intensity training of the single pellet task in rats. *Behavioural Brain Research* http://dx.doi.org/10.1016/j.bbr.2017.08.033

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.



A motorized pellet dispenser to deliver high intensity training of the single pellet

task in rats

\*Abel Torres-Espín <sup>a,b</sup>, \*Juan Forero <sup>a,b</sup>, Emma Schmidt <sup>a</sup>, Karim Fouad <sup>a,b</sup>, Keith K.

Fenrich a,b

<sup>a</sup> Neuroscience and Mental Health Institute, <sup>b</sup> Department of Physical Therapy, Faculty

of Rehabilitation Medicine, 3-88 Corbett Hall, University of Alberta, Edmonton, AB

T6E 2G4, Canada.

\*These authors contributed equally to this study

Corresponding author:

Keith Fenrich

Faculty of Rehabilitation Medicine

3-88 Corbett Hall

University of Alberta

Edmonton, AB T6E 2G4

**CANADA** 

Email: fenrich@ualberta.ca

Phone: 780 492 0938

Fax: 780 492 4429

**Highlights:** 

A low-cost 3D printed motorized pellet dispenser is described

Dispensers allow high-intensity training of the single pellet grasping task

Dispensers reduce workload and variability in results between experiments

1

## Download English Version:

## https://daneshyari.com/en/article/5735021

Download Persian Version:

https://daneshyari.com/article/5735021

<u>Daneshyari.com</u>