### Accepted Manuscript

#### Research report

Urothelial bladder afferent neurons in the rat are anatomically and neurochemically distinct from non-urothelial afferents

Buffie J. Clodfelder-Miller, Hirosato Kanda, Jianguo G. Gu, Judy R. Creighton, Timothy J. Ness, Jennifer J. DeBerry

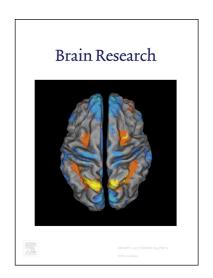
PII: S0006-8993(17)30557-7

DOI: https://doi.org/10.1016/j.brainres.2017.12.023

Reference: BRES 45601

To appear in: Brain Research

Received Date: 12 July 2017
Revised Date: 9 November 2017
Accepted Date: 18 December 2017



Please cite this article as: B.J. Clodfelder-Miller, H. Kanda, J.G. Gu, J.R. Creighton, T.J. Ness, J.J. DeBerry, Urothelial bladder afferent neurons in the rat are anatomically and neurochemically distinct from non-urothelial afferents, *Brain Research* (2017), doi: https://doi.org/10.1016/j.brainres.2017.12.023

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**

# Urothelial bladder afferent neurons in the rat are anatomically and neurochemically distinct from non-urothelial afferents

Buffie J. Clodfelder-Miller<sup>1</sup>, Hirosato Kanda<sup>1</sup>, Jianguo G. Gu<sup>1</sup>, Judy R. Creighton<sup>1</sup> Timothy J. Ness<sup>1</sup>, Jennifer J. DeBerry<sup>1,\*</sup>

<sup>1</sup>Department of Anesthesiology and Perioperative Medicine, University of Alabama at Birmingham, Birmingham, AL

Keywords:

Primary afferent neuron Pelvic nerve Urinary bladder Urothelium TRPA1

\* For correspondence:

Jennifer J. DeBerry, PhD University of Alabama at Birmingham Department of Anesthesiology and Perioperative Medicine 901 19<sup>th</sup> Street South BMR2-202 Birmingham, AL 35205 Email: jenniferdeberry@uabmc.edu

Phone: 205-934-4668 Fax: 205-934-7437

### Download English Version:

## https://daneshyari.com/en/article/8839798

Download Persian Version:

https://daneshyari.com/article/8839798

Daneshyari.com