## Accepted Manuscript

The inhibitory effects of eighteen front-line antibiotics on the substrate uptake mediated by human Organic anion/cation transporters, Organic anion transporting polypeptides and Oligopeptide transporters in in vitro models



Xiaoxi Lu, Ting Chan, Ling Zhu, Xiaofeng Bao, Tony Velkov, Qi Tony Zhou, Jian Li, Hak-Kim Chan, Fanfan Zhou

| PII:           | \$0928-0987(18)30002-2                      |
|----------------|---|
| DOI:           | https://doi.org/10.1016/j.ejps.2018.01.002  |
| Reference:     | PHASCI 4352                                 |
| To appear in:  | European Journal of Pharmaceutical Sciences |
| Received date: | 20 June 2017                                |
| Revised date:  | 7 December 2017                             |
| Accepted date: | 2 January 2018                              |

Please cite this article as: Xiaoxi Lu, Ting Chan, Ling Zhu, Xiaofeng Bao, Tony Velkov, Qi Tony Zhou, Jian Li, Hak-Kim Chan, Fanfan Zhou, The inhibitory effects of eighteen front-line antibiotics on the substrate uptake mediated by human Organic anion/cation transporters, Organic anion transporting polypeptides and Oligopeptide transporters in vitro models. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Phasci(2017), https://doi.org/10.1016/j.ejps.2018.01.002

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**

The inhibitory effects of eighteen front-line antibiotics on the substrate uptake mediated by human Organic anion/cation transporters, Organic anion transporting polypeptides and Oligopeptide transporters in *in vitro* models

Xiaoxi Lu<sup>a</sup>, Ting Chan<sup>a</sup>, Ling Zhu<sup>b</sup>, Xiaofeng Bao<sup>c</sup>, Tony Velkov<sup>d</sup>, Qi Tony Zhou<sup>e</sup>, Jian Li<sup>f</sup>, Hak-Kim Chan<sup>a</sup> and Fanfan Zhou<sup>a,\*</sup>

<sup>a</sup> Faculty of Pharmacy, The University of Sydney, Camperdown, NSW 2006, Australia

<sup>b</sup> Save Sight Institute, The University of Sydney, Sydney, NSW 2000, Australia

<sup>c</sup> School of Pharmacy, Nantong University, Nantong, Jiangsu Province, China

<sup>d</sup> Drug Delivery, Disposition and Dynamics, Monash Institute of Pharmaceutical Sciences; Monash University, Parkville, Victoria, 3052, Australia

<sup>e</sup> Department of Industrial and Physical Pharmacy, College of Pharmacy, Purdue University, West Lafayette, IN 47907-2091, USA

<sup>f</sup> Monash Biomedicine Discovery Institute, Department of Microbiology, Monash University, Victoria, 3800, Australia

## \* Corresponding Author:

Dr. Fanfan Zhou Faculty of Pharmacy, University of Sydney, NSW 2006, Australia Tel: 61-2-93517461, Fax: 61-2-93514391, email: Fanfan.zhou@sydney.edu.au Download English Version:

https://daneshyari.com/en/article/8511611

Download Persian Version:

https://daneshyari.com/article/8511611

Daneshyari.com