Accepted Manuscript

Title: Assessing the real-time activation of the cannabinoid CB1 receptor and the associated structural changes using a FRET biosensor

Authors: Ying Liu, Lu-Yao Chen, Hong Zeng, Richard Ward, Nan Wu, Li Ma, Xi Mu, Qiu-Lan Li, Yang Yang, Su An, Xiao-Xi Guo, Qian Hao, Tian-Rui Xu

PII: \$1357-2725(18)30078-5

DOI: https://doi.org/10.1016/j.biocel.2018.04.003

Reference: BC 5339

To appear in: The International Journal of Biochemistry & Cell Biology

Received date: 19-12-2017 Revised date: 25-3-2018 Accepted date: 4-4-2018

Please cite this article as: Liu Y, Chen L-Yao, Zeng H, Ward R, Wu N, Ma L, Mu X, Li Q-Lan, Yang Y, An S, Guo X-Xi, Hao Q, Xu T-Rui, Assessing the real-time activation of the cannabinoid CB1 receptor and the associated structural changes using a FRET biosensor, *International Journal of Biochemistry and Cell Biology* (2010), https://doi.org/10.1016/j.biocel.2018.04.003

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

Assessing the real-time activation of the cannabinoid CB1 receptor and the associated structural changes using a FRET biosensor

Ying Liu^a, Lu-Yao Chen^a, Hong Zeng^a, Richard Ward^b, Nan Wu^a, Li Ma^a, Xi Mu^a, Qiu-Lan Li^a, Yang Yang^a, Su An^a, Xiao-Xi Guo^a, Qian Hao^a, Tian-Rui Xu^{a*}

^aFaculty of Life Science and Technology, Kunming University of Science and Technology, Kunming, Yunnan, China 650500

^bCenter for Translational Pharmacology, Institute of Molecular, Cell and Systems Biology, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow G12 8QQ, Scotland, United Kingdom

Corresponding author: Tian-Rui Xu, the contact information are as follows:

Faculty of Life Science and Technology

Kunming University of Science and Technology, Kunming, Yunnan, China 650500

Email: tianruixu@kmust.edu.cn.

Download English Version:

https://daneshyari.com/en/article/8321949

Download Persian Version:

https://daneshyari.com/article/8321949

<u>Daneshyari.com</u>