Accepted Manuscript

The effects of gentamicin and penicillin/streptomycin on the electrophysiology of human induced pluripotent stem cell-derived cardiomyocytes in manual patch clamp and multi-electrode array system



Soo-Wang Hyun, Bo-Ram Kim, Dan Lin, Sung-Ae Hyun, Seong Shoon Yoon, Joung-Wook Seo

PII: S1056-8719(17)30157-0

DOI: doi:10.1016/j.vascn.2017.12.002

Reference: JPM 6487

To appear in: Journal of Pharmacological and Toxicological Methods

Received date: 26 June 2017

Revised date: 29 November 2017 Accepted date: 9 December 2017

Please cite this article as: Soo-Wang Hyun, Bo-Ram Kim, Dan Lin, Sung-Ae Hyun, Seong Shoon Yoon, Joung-Wook Seo, The effects of gentamicin and penicillin/streptomycin on the electrophysiology of human induced pluripotent stem cell-derived cardiomyocytes in manual patch clamp and multi-electrode array system. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jpm(2017), doi:10.1016/j.vascn.2017.12.002

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 effects of gentamicin and penicillin/streptomycin on the electrophysiology of human induced pluripotent stem cell-derived cardiomyocytes in manual patch clamp and multi-electrode array system

Soo-Wang Hyun^{a,1}, Bo-Ram Kim^a, Dan Lin^a, Sung-Ae Hyun^a, Seong Shoon Yoon^a, and Joung-Wook Seo^{a,*}

^aResearch Group for Safety Pharmacology, Korea Institute of Toxicology, KRICT, Daejeon 34114, Republic of Korea

Footnote:

¹Present Address: Korean Medicine Convergence Research Division, Korea Institute of

Oriental Medicine, Daejeon 34054, Republic of Korea

Email Addresses:

Soo-Wang Hyun: swhyun@kiom.re.kr

Bo-Ram Kim: cw4353@nate.com

Dan Lin: dan.lin@kitox.re.kr

Sung-Ae Hyun: sahyun@kitox.re.kr

Seong Shoon Yoon: ssyoon@kitox.re.kr

*Corresponding author: Joung-Wook Seo

Address: Research Group for Safety Pharmacology, Korea Institute of Toxicology, KRICT,

Daejeon 34114, Republic of Korea

Tel.: +82-42-610-8096; Fax: +82-42-610-8172.

E-mail: jwseo@kitox.re.kr.

Competing interests: The authors declare no competing interests.

Download English Version:

https://daneshyari.com/en/article/8533825

Download Persian Version:

https://daneshyari.com/article/8533825

<u>Daneshyari.com</u>