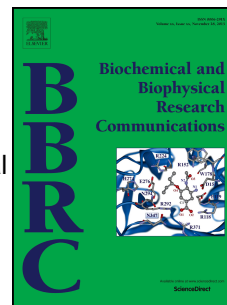


Accepted Manuscript

Analysis of spatiotemporal metabolomic dynamics for sensitively monitoring biological alterations in cisplatin-induced acute kidney injury

Miho Irie, Eisuke Hayakawa, Yoshinori Fujimura, Youhei Honda, Daiki Setoyama, Hiroyuki Wariishi, Fuminori Hyodo, Daisuke Miura



PII: S0006-291X(18)30012-3

DOI: [10.1016/j.bbrc.2018.01.012](https://doi.org/10.1016/j.bbrc.2018.01.012)

Reference: YBBRC 39185

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 21 December 2017

Accepted Date: 2 January 2018

Please cite this article as: M. Irie, E. Hayakawa, Y. Fujimura, Y. Honda, D. Setoyama, H. Wariishi, F. Hyodo, D. Miura, Analysis of spatiotemporal metabolomic dynamics for sensitively monitoring biological alterations in cisplatin-induced acute kidney injury, *Biochemical and Biophysical Research Communications* (2018), doi: 10.1016/j.bbrc.2018.01.012.

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.

Analysis of Spatiotemporal Metabolomic Dynamics for Sensitively Monitoring Biological Alterations in Cisplatin-induced Acute Kidney Injury

Miho Irie^{1,2}, Eisuke Hayakawa^{2,3}, Yoshinori Fujimura^{1,2}, Youhei Honda², Daiki Setoyama², Hiroyuki Wariishi^{1,2,4}, Fuminori Hyodo^{2,5*}, Daisuke Miura^{1,2,*}

¹ Faculty of Agriculture, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan

² Innovation Center for Medical Redox Navigation, Kyushu University, 3-1-1 Maidashi, Higashi-ku, Fukuoka 812-8582, Japan

³ Okinawa Institute of Science and Technology Graduate University, 1919-1 Tancha, Onna-son, Kunigami-gun, Okinawa 904-0495, Japan

⁴ Faculty of Arts and Science, Kyushu University, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan

⁵ Department of Frontier Science for Imaging, School of Medicine, Gifu University, Gifu, Japan

* Correspondence should be addressed to F. H. (hyodof@gifu-u.ac.jp) and D. M. (dmiura823@gmail.com)

Download English Version:

<https://daneshyari.com/en/article/8294841>

Download Persian Version:

<https://daneshyari.com/article/8294841>

[Daneshyari.com](https://daneshyari.com)