

## Accepted Manuscript

Title: Chromatin organization regulated by EZH2-mediated H3K27me3 is required for OPN-induced migration of bone marrow-derived mesenchymal stem cells

Authors: Lingling Liu, Qing Luo, Jinghui Sun, Yang Ju, Yasuyuki Morita, Guanbin Song



PII: S1357-2725(18)30005-0  
DOI: <https://doi.org/10.1016/j.biocel.2018.01.006>  
Reference: BC 5287

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

Received date: 27-7-2017  
Revised date: 22-12-2017  
Accepted date: 9-1-2018

Please cite this article as: Liu, Lingling., Luo, Qing., Sun, Jinghui., Ju, Yang., Morita, Yasuyuki., & Song, Guanbin., Chromatin organization regulated by EZH2-mediated H3K27me3 is required for OPN-induced migration of bone marrow-derived mesenchymal stem cells. *International Journal of Biochemistry and Cell Biology* <https://doi.org/10.1016/j.biocel.2018.01.006>

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.

**Chromatin organization regulated by EZH2-mediated H3K27me3 is required for OPN-induced migration of bone marrow-derived mesenchymal stem cells**

Lingling Liu<sup>a, b</sup>, Qing Luo<sup>a</sup>, Jinghui Sun<sup>a, b</sup>, Yang Ju<sup>c</sup>, Yasuyuki Morita<sup>c</sup>, Guanbin Song<sup>\*, a</sup>

<sup>a</sup>Key Laboratory of Biorheological Science and Technology, Ministry of Education, College of Bioengineering, Chongqing University, Chongqing 400030, People's Republic of China.

<sup>b</sup>School of Medical Laboratory Science, Chengdu Medical College, Chengdu 610500, People's Republic of China.

<sup>c</sup>Department of Mechanical Science and Engineering, Nagoya University, Nagoya 464-8603, Japan.

E-mail address:

Lingling Liu            liulingling2012@163.com

Qing Luo                qing.luo@cqu.edu.cn

Jinghui Sun            sunjhemail@163.com

Yang Ju                 ju@mech.nagoya-u.ac.jp

Yasuyuki Morita      morita@mech.nagoya-u.ac.jp

Guanbin Song      song@cqu.edu.cn

\*Corresponding author:

Guanbin Song

College of Bioengineering

Chongqing University

Chongqing 400030, People's Republic of China

Download English Version:

<https://daneshyari.com/en/article/8322054>

Download Persian Version:

<https://daneshyari.com/article/8322054>

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