Accepted Manuscript

Retinoic acid promotes stem cell differentiation and embryonic development by transcriptionally activating CFTR

Xiaofeng Li, Kin Lam Fok, Jinghui Guo, Yan Wang, Zhenqing Liu, Ziyi Chen, Chengdong Wang, Ye Chun Ruan, Sidney Siubun Yu, Hui Zhao, Ji Wu, Xiaohua Jiang, Hsiao Chang Chan



PII: S0167-4889(18)30005-3

DOI: https://doi.org/10.1016/j.bbamcr.2018.01.005

Reference: BBAMCR 18231

To appear in:

Received date: 24 July 2017 Revised date: 3 January 2018 Accepted date: 7 January 2018

Please cite this article as: Xiaofeng Li, Kin Lam Fok, Jinghui Guo, Yan Wang, Zhenqing Liu, Ziyi Chen, Chengdong Wang, Ye Chun Ruan, Sidney Siubun Yu, Hui Zhao, Ji Wu, Xiaohua Jiang, Hsiao Chang Chan, Retinoic acid promotes stem cell differentiation and embryonic development by transcriptionally activating CFTR. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbamcr(2018), https://doi.org/10.1016/j.bbamcr.2018.01.005

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

Retinoic acid promotes stem cell differentiation and embryonic development

by transcriptionally activating CFTR

Xiaofeng LI^{1#}, Kin Lam FOK^{1,2,3#}, Jinghui GUO¹, Yan WANG¹, Zhenqing LIU¹, Ziyi CHEN¹,

Chengdong WANG^{2,3}, Ye Chun RUAN^{1,2,3}, Sidney Siubun YU^{1,2,3}, Hui ZHAO^{2,3}, Ji WU^{4,5,6},

Xiaohua JIANG^{1,2,3}*, Hsiao Chang CHAN^{1,2,3,7}*

¹Epithelial Cell Biology Research Center, ²Key Laboratory for Regenerative Medicine of the

Ministry of Education of China, School of Biomedical Sciences, Faculty of Medicine, The

Chinese University of Hong Kong, Hong Kong SAR, PR China

³School of Biomedical Sciences Core Laboratory, Shenzhen Research Institute, The Chinese

University of Hong Kong, Shenzhen, PR China

⁴Renii Hospital Shanghai Jiaotong University School of Medicine, Key Laboratory for the

Genetics of Developmental & Neuropsychiatric Disorders (Ministry of Education), Bio-X

Institutes, Shanghai Jiao Tong University, Shanghai 200240

⁵China Key Laboratory of Fertility Preservation and Maintenance of Ministry of Education,

Ningxia Medical University, Yinchuan 750004

⁶China Shanghai Key Laboratory of Reproductive Medicine, Shanghai 200025

⁷Sichuan University-The Chinese University of Hong Kong Joint Laboratory for Reproductive

Medicine, West China Second University Hospital, Chengdu, PR China

Short Title: CFTR mediates RA-induced differentiation

1

Download English Version:

https://daneshyari.com/en/article/8303696

Download Persian Version:

https://daneshyari.com/article/8303696

<u>Daneshyari.com</u>