RETRACTION NOTE

Open Access



Retraction Note: HnRNP A1 - mediated alternative splicing of CCDC50 contributes to cancer progression of clear cell renal cell carcinoma via ZNF395

Guoliang Sun^{1,2†}, Hui Zhou^{1,2†}, Ke Chen^{1,2}, Jin Zeng^{1,2}, Yangjun Zhang^{1,2}, Libin Yan^{1,2}, Weimin Yao^{1,2}, Junhui Hu^{2,3}, Tao Wang⁴, Jinchun Xing⁴, Kefeng Xiao⁵, Lily Wu³, Zhangqun Ye^{1,2} and Hua Xu^{1,2*}

Retraction Note: J Exp Clin Cancer Res 39, 116 (2020) https://doi.org/10.1186/s13046-020-01606-x

The Editor-in-Chief has retracted this article because of the following concerns:

- Within Figure 3D, the panels (OS-RC-2 vs sh-CCDC50#1) and (OS-RC-2 vs sh-CCDC50#2) overlap.
- Figure 3H contained a panel (CCDC50-S vs whole) with missing sections within the image.
- An incorrect panel (OS-RC-2 vs sh-HnRNP A1+CCDC50-FL) was provided for supplementary figure 5B.

[†]Guoliang Sun and Hui Zhou contributed equally to this work.

The original article can be found online at https://doi.org/10.1186/s13046-020-01606-x

*Correspondence:

Hua Xu

xuhuawhu@163.com

¹ Department of Urology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430030, P.R. China

⁴ Department of Urology, The First Affiliated Hospital of Xiamen

University, Xiamen 361000, P.R. China

⁵ Department of Urology, The People's Hospital of Shenzhen City, Shenzhen 518000, P.R. China



© The Author(s) 2023. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

The data reported in this article are therefore unreliable.

Guoliang Sun and Hua Xu agree to this retraction. Hui Zhou has agreed to this retraction but not to the wording of this retraction notice. Ke Chen, Jin Zeng, Yangjun Zhang, Libin Yan, Weimin Yao, Junhui Hu, Tao Wang, Jinchun Xing, Kefeng Xiao, Lily Wu and Zhangqun Ye have not responded to any correspondence from the publisher about this retraction.

Published online: 08 February 2023

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

² Hubei Institute of Urology, Wuhan 430030, P.R. China

³ Department of Molecular and Medical Pharmacology, David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA 90095, USA