

Retraction Note: Long non-coding RNA FAL1 regulated cell proliferation through Akt pathway *via* targeting PDK1 in esophageal cancer cells

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The article “Long non-coding RNA FAL1 regulated cell proliferation through Akt pathway via targeting PDK1 in esophageal cancer cells”, by X.-S. Liang, Y. Sun, T. Liu, published in *Eur Rev Med Pharmacol Sci* 2018; 22 (16): 5214-5222–DOI: 10.26355/eurrev_201808_15719–PMID: 30178844 has been retracted by the authors for the following reasons:

The authors asked to retract this manuscript as they identified some problems with the data reported, and the dilution ratio of the antibody during the Western blot experimental operation is incorrect.

In this article, the dilution of antibodies is described as follows: anti-cyclin D 1 (dilution 1:500, Abcam, Cambridge, MA, USA), anti-MMP7 (dilution 1:500, Santa Cruz Biotechnology, Santa Cruz, CA, USA), anti-p21 (dilution 1:400, Cell Signaling Technology, Danvers, MA, USA), anti-p-Akt (dilution 1:500, Abcam, Cambridge, MA, USA), anti-Akt (dilution 1:500, Abcam, Cambridge, MA, USA), and anti-p-actin (dilution 1:500, Santa Cruz Biotechnology, Santa Cruz, CA, USA). Nonetheless, authors affirm they only used a dilution of 1:200 for all antibodies, undermining the Western blot experimental operation. Thus, the article’s conclusions are considered invalid and unreliable.

This manuscript has been withdrawn. The Publisher apologizes for any inconvenience this may cause.