

Retraction Statement

The authors of the article

Xu M, Li D, Yang C, Ji JS, entitled
"MicroRNA-34a Inhibition of the TLR Signaling Pathway Via CXCL10 Suppresses Breast
Cancer Cell Invasion and Migration"
[Cell Physiol Biochem 2018;46(3):1286-1304, DOI: 10.1159/000489111]

have requested retraction on the following basis:

All the authors have checked the original data, and arranged for researchers to repeat the disputed data. During this period, they found the following problems:

For T47D, siRNA-CXCL10 and OxPAPC groups didn't exhibited increased proportions of cells in G0/G1 phase, while in other cell stages, the proportion was increased significantly. There are significant differences between the current results and Fig. 17, which showed the authors that the original results cannot be repeated. At the same time, they further tested the apoptotic cells, and also found that the apoptotic proportions of the siRNA-CXCL10 and OxPAPC groups were different from those in Fig. 18.

In response to the above results, all the authors also further analyzed and discussed. They thought that the above results were found probably due to the fact that the researchers did not carefully proofread the figures, which led to the misplacement of the results. These are unintentional errors, but it does affect the rigor of the conclusion of the article. In particular, the regulatory mechanism of MicroRNA-34a on different types of breast cancer cells still needs further study.

In view of the non-repeatability of the above experimental results, they want to retract this manuscript to avoid future negative effects following this mistake. The authors sincerely appreciate the efforts of the editors and reviewers, and apologize for the mistakes and their decision to retract the manuscript.