

## *Retraction*

# **MicroRNA-147 negatively regulates expression of toll-like receptor-7 in rat macrophages and attenuates pristane induced rheumatoid arthritis in rats [Retraction]**

Zhao W, Li D, Su YQ, Zhao HK, Pang WW, Sun Y, Wu SJ. *American Journal of Translational Research*. 2019;11:2219-2231.

A large portion of the data and the text in this article was copied from another source as disclosed by a knowledgeable informant and sub-

sequently confirmed by the Editorial Office. Therefore, the entire article has been retracted in accordance with this journal's policy and Editorial decision.