

## Expression of Concern

# Editorial Expression of Concern on ‘Activation of APE1/Ref-1 is dependent on reactive oxygen species generated after purinergic receptor stimulation by ATP’

In August 2005, NAR published the article ‘Activation of APE1/Ref-1 is dependent on reactive oxygen species generated after purinergic receptor stimulation by ATP’ Alex Pines, Lorena Perrone, Nicoletta Bivi, Milena Romanello, Giuseppe Damante, Massimo Gulisano, Mark R. Kelley, Franco Quadrifoglio, and Gianluca Tell (1).

The Editors were alerted in 2013 that the blots depicted in several figures show unusual levels of similarity. The journal investigated the matter at the time and did not find conclusive evidence to support the allegations. The same allegations were brought to the Editors’ attention again in 2021.

On both occasions, the Authors have not been able to provide the original data. The matter has been referred to the Author’s institution for further investigation. In the interim, while the results themselves may not be in question, the Editors advise Readers to examine the details of this study with particular care.

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Senior Executive Editors

## REFERENCES

1. Pines,A., Perrone,L., Bivi,N., Romanello,M., Damante,G., Gulisano,M., Kelley,M.R., Quadrifoglio,F. and Tell,G. (2005) Activation of APE1/Ref-1 is dependent on reactive oxygen species generated after purinergic receptor stimulation by ATP. *Nucleic Acids Res.*, **33**, 4379–4394.