

Statement of Retraction: 'Up regulation of IL-6 by ischemic preconditioning in normal and fatty rat livers: Association with reduction of oxidative stress

To cite this article: (2022) Statement of Retraction: 'Up regulation of IL-6 by ischemic preconditioning in normal and fatty rat livers: Association with reduction of oxidative stress, Free Radical Research, 56:5-6, 471-471, DOI: [10.1080/10715762.2022.2088656](https://doi.org/10.1080/10715762.2022.2088656)

To link to this article: <https://doi.org/10.1080/10715762.2022.2088656>



Published online: 21 Jul 2022.



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RETRACTION



Statement of Retraction: 'Up regulation of IL-6 by ischemic preconditioning in normal and fatty rat livers: Association with reduction of oxidative stress

We, the Authors, Editor and Publisher of *Free Radical Research*, have retracted the following article:

Lorenza Tacchini, Gaetano Cairo, Cristina De Ponti, Marta Massip, Joan Rosellò-Catafau & Carmen Peralta: 'Up regulation of IL-6 by ischemic preconditioning in normal and fatty rat livers: Association with reduction of oxidative stress' 40:11 1206-1217 (2006) DOI [10.1080/10715760600885432](https://doi.org/10.1080/10715760600885432).

Since the above article was published, the Publisher and Editor in Chief of *Free Radical Research* have been made aware of concerns regarding image manipulation in figures 5A and 5B, and similarities between these figures and the following figures published in the other articles by the authors:

- Figures 6A and 7A

Cristina De Ponti, Rita Carini, Elisa Alchera, Maria Paola Nitti, Massimo Locati, Emanuele Albano, Gaetano Cairo, Lorenza Tacchini 'Adenosine A2a receptor-mediated, normoxic induction of HIF-1 through PKC and PI-3K-dependent pathways in

macrophages' *Journal of Leukocyte Biology*, 82(2): 392-402 (2007) DOI [10.1189/jlb.0107060](https://doi.org/10.1189/jlb.0107060).

- Figure 3D

Elena Gammella, Gaetano Cairo, Lorenza Tacchini, 'Adenosine A(2)A receptor but not HIF-1 mediates Tyrosine hydroxylase induction in hypoxic PC12 cells' *Journal of Neuroscience Research* 88(9): 2007-16 (2010) DOI [10.1002/jnr.22366](https://doi.org/10.1002/jnr.22366).

The authors have been unable to provide the original image data on request due to the data no longer being available (after 15 years) and are unable to explain the duplications in figures 5A and 5B. As a result, the findings shown in these figures are no longer reliable.

We have been informed in our decision-making by our policy on publishing ethics and integrity and the COPE guidelines on retractions. The retracted article will remain online to maintain the scholarly record, but it will be digitally watermarked on each page as 'Retracted'.