



HHS Public Access

Author manuscript

Am J Physiol Lung Cell Mol Physiol. Author manuscript; available in PMC 2015 June 29.

Published in final edited form as:

Am J Physiol Lung Cell Mol Physiol. 2015 April 15; 308(8): L854. doi:10.1152/ajplung.zh5-6741-retr.2015.

Retraction

Chitano P, Wang L, Mason SN, Auten RL, Potts EN, Foster WM, Sturrock A, Kennedy TP, Hoidal JR, Murphy TM. Airway smooth muscle relaxation is impaired in mice lacking the p47^{phox} subunit of NAD(P)H oxidase. *Am J Physiol Lung Cell Mol Physiol* 294: L139–L148, 2008; doi: 10.1152/ajplung.00384.2007.

A little over a year ago, the authors became aware of potential discrepancies in the primary data used to calculate the in vivo pulmonary mechanics, shown in Figure 9 of this article, and the machine-generated raw data. At the direction of the Senior Author, Dr. Thomas M. Murphy, the experiments in question have been repeated by Dr. Richard L. Auten and Mr. S. Nicholas Mason. Although our new data do not affect our conclusion that NAD(P)H oxidase plays a role in ASM relaxation, the new results confirm that the findings presented in *panel B* of Figure 9 are not reliable.

We offer our sincere apologies for the errors and for any inconvenience associated with the publication of the article. The paper is therefore being retracted by the American Physiological Society at the request of Dr. Chitano, and with the approval of the coauthors.

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