

Correspondence

Correction notice for TNF-R on mast cells regulate airway responses to *Mycoplasma pneumoniae**To the Editor:*

Regarding our article published in the *Journal* in 2012,¹ we have recently become aware of potential discrepancies in the data obtained from the pulmonary function laboratory used to calculate the average resistance results on the flexiVent (SCIREQ, Montreal, Quebec, Canada) and the machine-generated raw data. Therefore we proceeded to investigate the work product we received from the laboratory over the last several years. When we compared the raw data produced by the apparatus (flexiVent) used to perform the pulmonary function tests in the collaborating laboratory with the data that were provided to our laboratory and ultimately published, we found that although the results led to the same conclusion, as previously published, the SE was greater than published, and we could not verify that the mice were alive during the duration of the methacholine challenge.

With the passing of the senior author, Dr Jo Rae Wright, the double-knockout mice used for these experiments were killed when her laboratory was closed. Therefore we are unable to repeat these experiments fully. However, we have recently repeated the original experiments in wild-type and surfactant protein A knockout mice that were used as control animals for the double-knockout mice. Unfortunately, we were unable to verify that surfactant protein A knockout mice have greater airway hyperresponsiveness compared with wild-type mice when infected with *Mycoplasma pneumoniae*. On the basis of the results of this re-experimentation and our inability to repeat the

experiments with the double-knockout mice, we would like to correct our article by excluding the findings presented in Figs 3, A and B; 4, C; and 6, A, because we believe the flexiVent data are unreliable. We are confident that the other data we reported are valid because they were collected and analyzed independently of the pulmonary mechanics data. We apologize to our colleagues and the scientific community for any inconvenience this might have caused.

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REFERENCE

1. Hsia BJ, Ledford JG, Potts-Kant EN, Nikam VS, Lugogo NL, Foster WM, et al. Mast cell TNF receptors regulate responses to *Mycoplasma pneumoniae* in surfactant protein A (SP-A)−/− mice. *J Allergy Clin Immunol* 2012;130:205-14.e2.

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