

Airway resistance in mouse asthma model

Jeanine D'Armiento and Divya Mehra

Am J Physiol Lung Cell Mol Physiol 300:L507, 2011. doi:10.1152/ajplung.00452.2010

You might find this additional info useful...

This article cites 2 articles, 2 of which can be accessed free at:

<http://ajplung.physiology.org/content/300/3/L507.full.html#ref-list-1>

Updated information and services including high resolution figures, can be found at:

<http://ajplung.physiology.org/content/300/3/L507.full.html>

Additional material and information about *AJP - Lung Cellular and Molecular Physiology* can be found at:

<http://www.the-aps.org/publications/ajplung>

This information is current as of March 6, 2011.

Airway resistance in mouse asthma model

Jeanine D'Armiento¹ and Divya Mehra²

¹Division of Pulmonary and Molecular Medicine, and ²Department of Surgery and Medicine, Columbia University College of Physicians and Surgeons, New York, New York

TO THE EDITOR: Prior to receipt of the letter from Drs. Hantos, Bates, Irvin, Lundblad, and Sly (2), we recognized that Fig. 6 of the published article (3) was incorrect. We have already submitted a corrigendum (1), which addresses all of the concerns raised in the letter to the editor by Drs. Hantos, Bates, Irvin, Lundblad, and Sly.

We had originally performed both airway hyperreactivity (Penh) as well as airway resistance through invasive measurements. This is described correctly in the MATERIALS AND METHODS and RESULTS sections of the published paper. Upon revision we were asked to remove the Penh figure and only show the figure for resistance. We did remove the Penh figure; however, with the revision the legend was changed incorrectly and the description of the airway resistance was removed instead of the

legend for the Penh. The RESULTS section in the paper accurately describes the figure and states Penh measurements as data not shown. There is no confusion in our manuscript between the terminology “airway hyperresponsiveness” and “Penh.” Figure 6 represents the airway responsiveness (R_L), which is measured only through the invasive system (Buxco, Troy, NY). The reference to Buxco was omitted in the published version.

REFERENCES

- 1 Corrigendum. *Am J Physiol Lung Cell Mol Physiol* 300: L149, 2011.
2. Hantos Z, Bates JHT, Irvin CG, Lundblad LKA, Sly PD. Letter to the editor. *Am J Physiol Lung Cell Mol Physiol* doi:10.1152/ajplung.00410.2010.
3. Mehra D, Sternberg DI, Jia Y, Canfield S, Lemaitre V, Nkyimbeng T, Wilder J, Sonett J, D'Armiento J. Altered lymphocyte trafficking and diminished airway reactivity in transgenic mice expressing human MMP-9 in a mouse model of asthma. *Am J Physiol Lung Cell Mol Physiol* 298: L189–L196, 2010.

Address for reprint requests and other correspondence: J. D'Armiento, Medicine, 630 West 168th St., P&S 9-449, New York, NY 10032 (e-mail: jmd12@columbia.edu).