

## Corrections

### ENVIRONMENTAL SCIENCES

Correction for “Unexpectedly high indoor hydroxyl radical concentrations associated with nitrous acid,” by Elena Gómez Alvarez, Damien Amedro, Charbel Afif, Sasho Gligorovski, Coralie Schoemacker, Christa Fittschen, Jean-Francois Doussin, and Henri Wortham, which appeared in issue 33, August 13, 2013, of *Proc Natl Acad Sci USA* (110:13294–13299; first published July 29, 2013; 10.1073/pnas.1308310110).

The authors note that the author name Coralie Schoemacker should instead appear as Coralie Schoemaeker.

The authors note also that, in the affiliations, the text, “<sup>a</sup>Laboratoire de Physicochimie des Processus de la Combustion et de l’Atmosphère, Centre National de la Recherche Scientifique Unité Mixte de Recherche 8522, Université des Sciences et Technologies de Lille, 59655 Villeneuve d’Ascq Cedex, Lille, France” should appear as “<sup>b</sup>Université Lille 1 Sciences et Technologies, Physicochimie des Processus de Combustion et de l’Atmosphère, Centre National de la Recherche Scientifique, Unité Mixte de Recherche 8522, Cité Scientifique Bât. C11, F-59655 Villeneuve d’Ascq, France.”

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The corrected author and affiliation lines appear below. The online version has been corrected.

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### MICROBIOLOGY

Correction for “Identification of a small molecule with activity against drug-resistant and persistent tuberculosis,” by Feng Wang, Dhinakaran Sambandan, Rajkumar Halder, Jianing Wang, Sarah M. Batt, Brian Weinrick, Insha Ahmad, Pengyu Yang, Yong Zhang, John Kim, Morad Hassani, Stanislav Huszar, Claudia Trefzer, Zhenkun Ma, Takushi Kaneko, Khisi E. Mdluli, Scott Franzblau, Arnab K. Chatterjee, Kai Johnson, Katarina Mikusova, Gurdyal S. Besra, Klaus Fütterer, William R. Jacobs, Jr., and Peter G. Schultz, which appeared in issue 27, July 2, 2013, of *Proc Natl Acad Sci USA* (110:E2510–E2517; first published June 17, 2013; 10.1073/pnas.1309171110).

The authors note that Scott H. Robbins, S. Whitney Barnes, and John R. Walker should be added to the author list between Klaus Fütterer and William R. Jacobs, Jr. Scott H. Robbins should be credited with designing research and performing research. S. Whitney Barnes and John R. Walker should be credited with analyzing data.

The authors also note that the author name Kai Johnson should instead appear as Kai Johnsson.

The corrected author line, affiliation line, and author contributions appear below. The online version has been corrected.

**Feng Wang<sup>a,b,1</sup>, Dhinakaran Sambandan<sup>c,1</sup>, Rajkumar Halder<sup>a,1</sup>, Jianing Wang<sup>a</sup>, Sarah M. Batt<sup>d</sup>, Brian Weinrick<sup>c</sup>, Insha Ahmad<sup>a</sup>, Pengyu Yang<sup>a</sup>, Yong Zhang<sup>a</sup>, John Kim<sup>c</sup>, Morad Hassani<sup>c</sup>, Stanislav Huszar<sup>e</sup>, Claudia Trefzer<sup>f</sup>, Zhenkun Ma<sup>g</sup>, Takushi Kaneko<sup>g</sup>, Khisi E. Mdluli<sup>g</sup>, Scott Franzblau<sup>h</sup>, Arnab K. Chatterjee<sup>b</sup>, Kai Johnsson<sup>f</sup>, Katarina Mikusova<sup>e</sup>, Gurdyal S. Besra<sup>d</sup>, Klaus Fütterer<sup>d</sup>, Scott H. Robbins<sup>i</sup>, S. Whitney Barnes<sup>j</sup>, John R. Walker<sup>j</sup>, William R. Jacobs, Jr.<sup>c,2</sup>, and Peter G. Schultz<sup>a,b,2</sup>**

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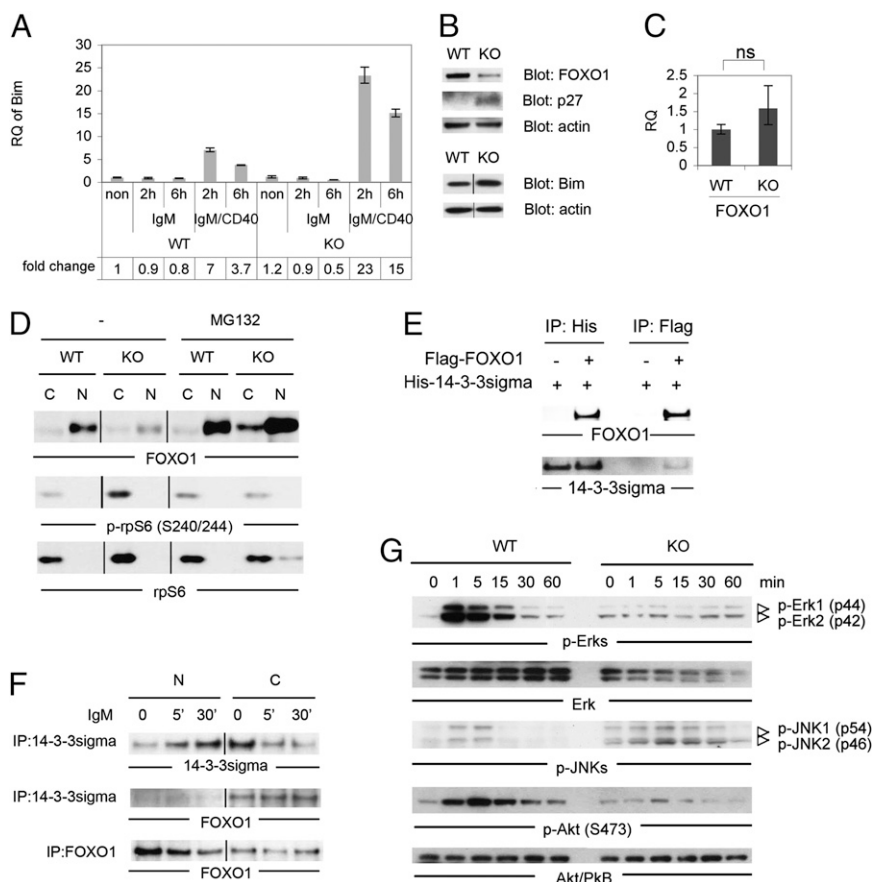
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## IMMUNOLOGY

Correction for "14-3-3 $\sigma$  regulates B-cell homeostasis through stabilization of FOXO1," by Yu-Wen Su, Zhenyue Hao, Atsushi Hirao, Kazuo Yamamoto, Wen-Jye Lin, Ashley Young, Gordon S. Duncan, Hiroki Yoshida, Andrew Wakeham, Philipp A. Lang, Kiichi Murakami, Heiko Hermeking, Bert Vogelstein, Pamela Ohashi, and Tak W. Mak, which appeared in issue 4, January 25,

2011, of *Proc Natl Acad Sci USA* (108:1555–1560; first published January 4, 2011; 10.1073/pnas.1017729108).

The authors note that Fig. 5 appeared incorrectly. The figure has been revised to indicate where gels were rearranged and where extraneous data has been removed. The corrected figure and its legend appear below.



**Fig. 5.** FOXO functions. (A) Increased FOXO target gene (Bim) mRNA. Splenic B cells were left untreated (non) or stimulated for 2 or 6 h with 10  $\mu$ g/mL anti-IgM or 10  $\mu$ g/mL anti-IgM plus 1  $\mu$ g/mL CD40L (IgM/CD40). Bim mRNA was determined by qRT-PCR. Data are Bim mRNA relative to 18S RNA.  $\Delta\Delta$ Ct values were normalized to WT values in untreated controls (fold change, 1). \* $P < 0.05$ . (B) Altered proteins. Western blot of FOXO1, p27, Bim, and  $\beta$ -actin proteins in resting WT and KO B cells. (C) Normal FOXO1 mRNA. qRT-PCR of FOXO1 mRNA in resting WT and KO B cells. (D) Restoration of FOXO1 protein by proteasome inhibition. Purified WT and KO B cells were left untreated (–) or treated with MG132 (20  $\mu$ M) for 1 h at 37  $^{\circ}$ C. Nuclear (N) and cytosolic (C) fractions of cells were immunoblotted to detect FOXO1 protein, P-56 ribosomal protein (Ser240/244; p-rpS6), and total 56 ribosomal protein (rpS6; loading control for cytosol). (E) FOXO1 interacts directly with 14-3-3 $\sigma$  protein under overexpression conditions. 293T cells were transiently transfected with plasmid encoding His-tagged 14-3-3 $\sigma$ , without (–) or with (+) plasmid encoding Flag-tagged FOXO1. At 2 d after transfection, total lysates were immunoprecipitated with beads conjugated to anti-His (IP: His) or anti-Flag (IP: Flag) and immunoblotted to detect FOXO1 and 14-3-3 $\sigma$ . (F) FOXO1 interacts directly with endogenous 14-3-3 $\sigma$  in the cytosol. Ramos B cells were left untreated (0) or stimulated with anti-human IgM for 5 or 30 min. Nuclear (N) and cytosolic (C) fractions of cells were immunoprecipitated with anti-14-3-3 $\sigma$  or anti-FOXO1 and immunoblotted to detect 14-3-3 $\sigma$  and FOXO1. (G) Altered signaling downstream of BCR engagement. Purified WT and KO B cells were left untreated (0) or stimulated with 10  $\mu$ g/mL anti-IgM for the indicated times. Lysates were immunoblotted to detect P-Erk1/2, total Erk1/2, P-JNK1/2, P-Akt (S473), and total Akt.

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