The lupus-susceptibility locus, Sle3, mediates enhanced resistance to bacterial infections


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CORRECTIONS


In Results, in the heading of the third to last paragraph and in the last sentence of the same paragraph, the word “central” is incorrect. The corrected heading and sentence are shown below.

CD8⁺ KLRG1⁺CD57⁺ cells represent a terminally differentiated effector population, whereas KLRG1⁺ CD57⁻ cells represent memory cells

The combination of CD57 and KLRG1 markers may differentiate between memory (CD57⁻ KLRG1⁺) and effector (CD57⁺ KLRG1⁺) phenotypes.


In Figure 5, the labels for the panels in column B and in the second from the bottom row of mature B cells are incorrect. The corrected figure is shown below.

In Results, in the second paragraph under the heading Role of delayed neutrophil apoptosis, reference to supplemental data and the respective footnote (4) are incorrect. The corrected sentence and data added as Figure 7 are shown below.

We also examined the role of this locus in another bacterial infection: in a model of intra-abdominal sepsis, we found greater number of i.p. neutrophils in B6.Sle3 as compared with B6 mice associated with fewer viable bacteria in the peritoneal cavity and bloodstream on day 1 of infection (Fig. 7), suggesting that the microbicidal and neutrophil phenotype conferred by the Sle3 locus is not restricted to a single organ or pathogen.

**FIGURE 7.** Effect of Sle3 locus in intra-abdominal sepsis. a and b, Bacterial burden and number of intra-peritoneal neutrophils on day 1 after cecal ligation and puncture, performed as described (1). Data represent mean ± SEM (n = 6–9 mice/group; representative of 2 experiments). CFU, colony-forming unit; ND, none detected; *, p < 0.05 compared to wildtypes. c, Survival in mice with cecal ligation and puncture (n = 10 mice/group; representative of 2 experiments).


The eighth author’s name is incorrect. The correct name is Christian S. Hinrichs.

In References, the citation for the Note added in proof was numbered incorrectly as 63 instead of 64 and the last name of the fifth author was not properly capitalized. The corrected reference is shown below.


The institutional affiliations for Subbarao Bondada are indicated incorrectly. The corrected author and affiliation lines are shown below.

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In Figure 1, the fonts used for some labels are illegible and the label for panel F is missing. The corrected figure is shown below. The errors have been corrected in the online version, which now differs from the print version as originally published.