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Corrigendum: ROS-mediated iron overload injures the hematopoiesis of bone marrow by damaging hematopoietic stem/progenitor cells in mice

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The iron-overload mouse model used in this study was previously reported by the authors in references 1 and 2, which are not cited in the Article.

The data supporting the mouse model is presented in Figure 1 of the Article. The data presented in in Figure 1b appear in reference 1 as Figure 1b; and the data presented in Figure 1c appear in reference 1 as Figure 1c and in reference 2 as Figure 1.

Therefore the legend of Figure 1 should read:

Figure 1. The establishment of an iron overload mouse model. (**a**) Iron overload induced labile iron pool level (LIP) of bone marrow mononuclear cells (BMMNCs) in a time- and dose-dependent manner showing the mean fluorescent intensity (MFI) of calcein. ($N = 3$, $^{***}P < 0.001$ vs. CTL). (**b**) The hepatic, splenetic and bone marrow (BM) iron deposits were exposed to hematoxylin-eosin staining (x400). Republished from [1]. (**c**) BM cells were subjected to Perl's iron staining (x1,000). Republished from [1], and from [2] with permission.

The authors apologize for the omission of this information in the original Article.

References

1. Zhang, Y. *et al.* Effects of Iron Overload on the Bone Marrow Microenvironment in Mice. *PLoS ONE* **10(3),** e0120219, doi: 10.1371/journal.pone.0120219 (2015).
2. Chai, X. *et al.* Effects and mechanism of iron overload on hematopoiesis in mice with bone marrow injury. *Chin. J. Hematol.* **35(11),** 1000–4 doi: 10.3760/cma.j.issn.0253-2727.2014.11.011 (2014).