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CORRIGENDUM

Rapid mobilization of hematopoietic progenitors by AMD3100 and catecholamines is mediated by CXCR4-dependent SDF-1 release from bone marrow stromal cells

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Since the publication of this paper, the authors have noticed an error in Figure 5, concerning the BM SDF-1 levels in the control AMD-only treated mice. The correct version is shown below.

The authors apologize for any inconvenience caused.

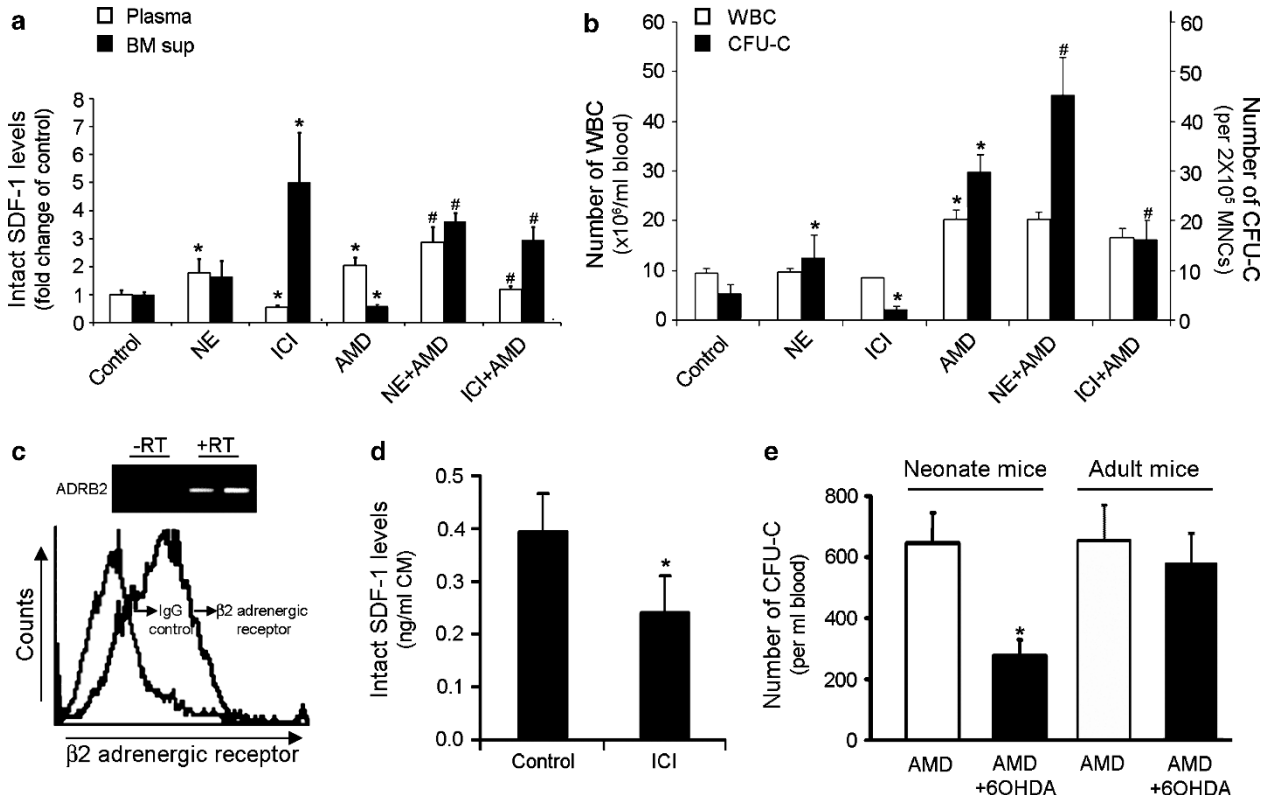

Figure 5 Neurotransmitter stimulation induces functional SDF-1 release and rapid progenitor mobilization. (**a**, **b**) SDF-1 levels in the plasma and BM sup. (**a**) and circulating WBC and progenitor cells (**b**) in mice treated with NE or the β2 adrenergic antagonist ICI, 1 h after administration. Control mice received injections of PBS, $n=6$ mice/group. Values of plasma SDF-1 levels: 1.1 ± 0.17, 1.8 ± 0.5, 0.6 ± 0.06, 2 ± 0.3, 2.8 ± 0.5 and 1.2 ± 0.1 ng/ml, respectively, $^{*}P<0.05$ compared with control mice, $^{\#}P<0.05$ compared with AMD3100-treated mice. (**c**) RT-PCR analysis (top) for mRNA expression and flow-cytometry analysis (bottom) for cell surface expression of β2 adrenergic receptor on cultured primary human BMEC. –RT = cDNA was prepared without reverse transcriptase as a control. (**d**) SDF-1 release from primary human BMEC in response to stimulation with ICI (10 ng/ml), $n=3$. (**e**) AMD3100-induced mobilization of progenitors in control and sympathectomized (6OHDA) of either neonate or adult mice. $^{*}P<0.005$. $n=10$–15 mice/group.