Corrigendum

Corrigendum to “miR-1-Mediated Induction of Cardiogenesis in Mesenchymal Stem Cells via Downregulation of Hes-1”

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In Figure 2(a) of the published article entitled “miR-1-Mediated Induction of Cardiogenesis in Mesenchymal Stem Cells via Downregulation of Hes-1,” [1] the authors admit to being careless in altering nonspecific belts, stains, or scratches in the Nkx2.5, cTnT, and CX43 panels. The original figures are presented here.

(a)

Figure 2: Continued.
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Figure 2: Western blot was performed for Notch signaling and cardiomyocyte-specific markers in MSCs, MSCs\textsuperscript{null}, and MSCs\textsuperscript{miR-1} (1 d, 7 d, and 14 d). (a) Expression of Notch-1, Notch-2, Notch-4, Dll-1, Dll-4, Jag-1, Hes-1, and Hey-1 were detected on MSCs. Semiquantitative data showed that the ratio of optical density for Notch-1, Notch-2, Notch-4, Dll-1, Dll-4, Jag-1, and Hey-1 did not alter in MSCs\textsuperscript{miR-1} on days 1, 7, and 14 (b)–(h). The expression of Hes-1 (i) in MSCs\textsuperscript{miR-1} was decreased by days 7 and 14. In MSCs\textsuperscript{miR-1}, the expression of Nkx2.5 (j) and GATA-4 (k) were detected on day 7 and decreased by day 14. cTnT (l) and CX43 (m) expression were detected on day 7 and significantly increased by day 14 (control = MSCs; null = MSCs\textsuperscript{null} = MSCs infected with mock lentiviral vectors without miR-1; miR-1 = MSCs\textsuperscript{miR-1} = MSCs infected with miR-1 recombinant lentiviral vectors; compared to MSCs, *P < 0.05, †P < 0.01; compared to MSCs\textsuperscript{null}, ‡P < 0.05, §P < 0.01; compared to MSCs\textsuperscript{miR-1} (1 d), ††P < 0.05, †††P < 0.01; compared to MSCs\textsuperscript{miR-1} (7 d), ‡‡P < 0.05).

References