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Author Correction: Bone marrow-derived mesenchymal stem cells (BMSCs) repair acute necrotized pancreatitis by secreting microRNA-9 to target the NF-κB1/p50 gene in rats

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This article contains errors. As a result of errors during figure assembly, a TNF-α image panel mistakenly displays a duplication of an IL-1β image panel in Figure 3E. In Figure 4E, partial overlaps are shown for an image from the CD68 condition that was mistakenly used for the TNF-α condition and an image for the MPO group that was mistakenly used for the CD68 condition.

The correct Figures 3 and 4 and accompanying legends appear below.

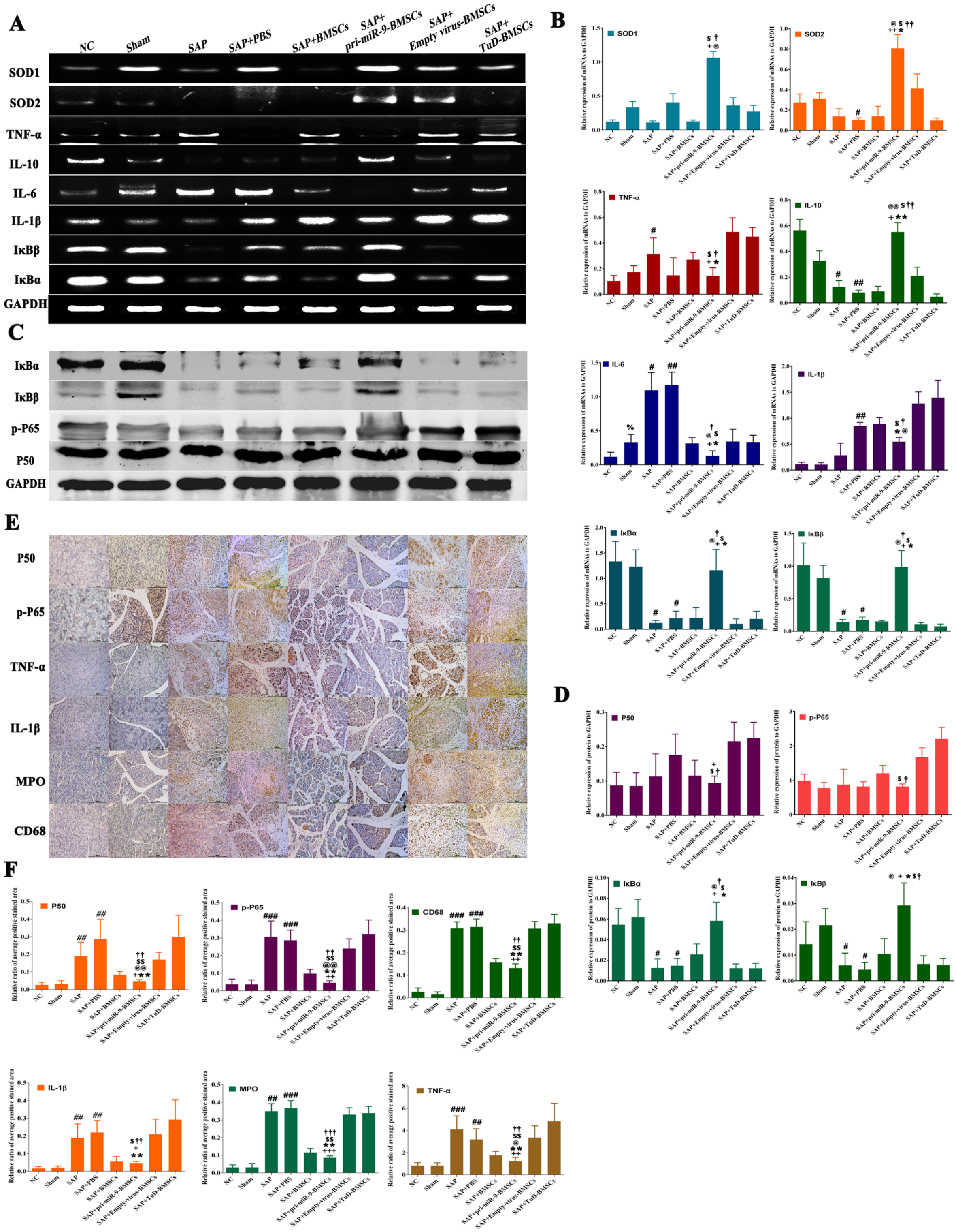

Fig. 3. pri-miR-9-BMSCs could inhibit the local inflammatory response. The expressions of pro-inflammatory cytokines(IL-1β, IL-6, TNF-α, and MPO), NF-κB proteins (p-P65, P50) and CD68 were significantly decreased by pir-miR-9-BMSCs. On the contrary, the expressions of superoxide dismutase (SOD_1 and SOD_2) and anti-inflammatory proteins (IκBα and IκBβ) were significantly increased by pir-miR-9-BMSCs, compared with SAP, SAP + PBS, BMSCs, or TuD-BMSCs groups by gPCR (**A,B**), Western-blot (**C,D**) and IHC (**E,F**). Data are shown as mean ± SD for at least 3 separate experiments. $^{\%\%}P < 0.01$, compared with NC, $^{\#}p < 0.05$, $^{\#\#}p < 0.01$ and $^{\#\#\#}p < 0.001$, compared with NC, $^{+}p < 0.05$, $^{++}p < 0.01$ and $^{+++}p < 0.001$, compared with SAP, $^{*}p < 0.05$ and $^{**}p < 0.01$, compared with SAP + PBS, $^{@}p < 0.05$ and $^{@@}p < 0.01$, compared with BMSCs, $^{\$}p < 0.05$ and $^{\$\$}p < 0.01$, compared with Empty-virus BMSCs, $^{\dagger}p < 0.05$, $^{\dagger\dagger}p < 0.01$ and $^{\dagger\dagger\dagger}p < 0.001$, compared with TuD-BMSCs by using paired t test. gPCR, General PCR, IHC, immunohistochemistry.

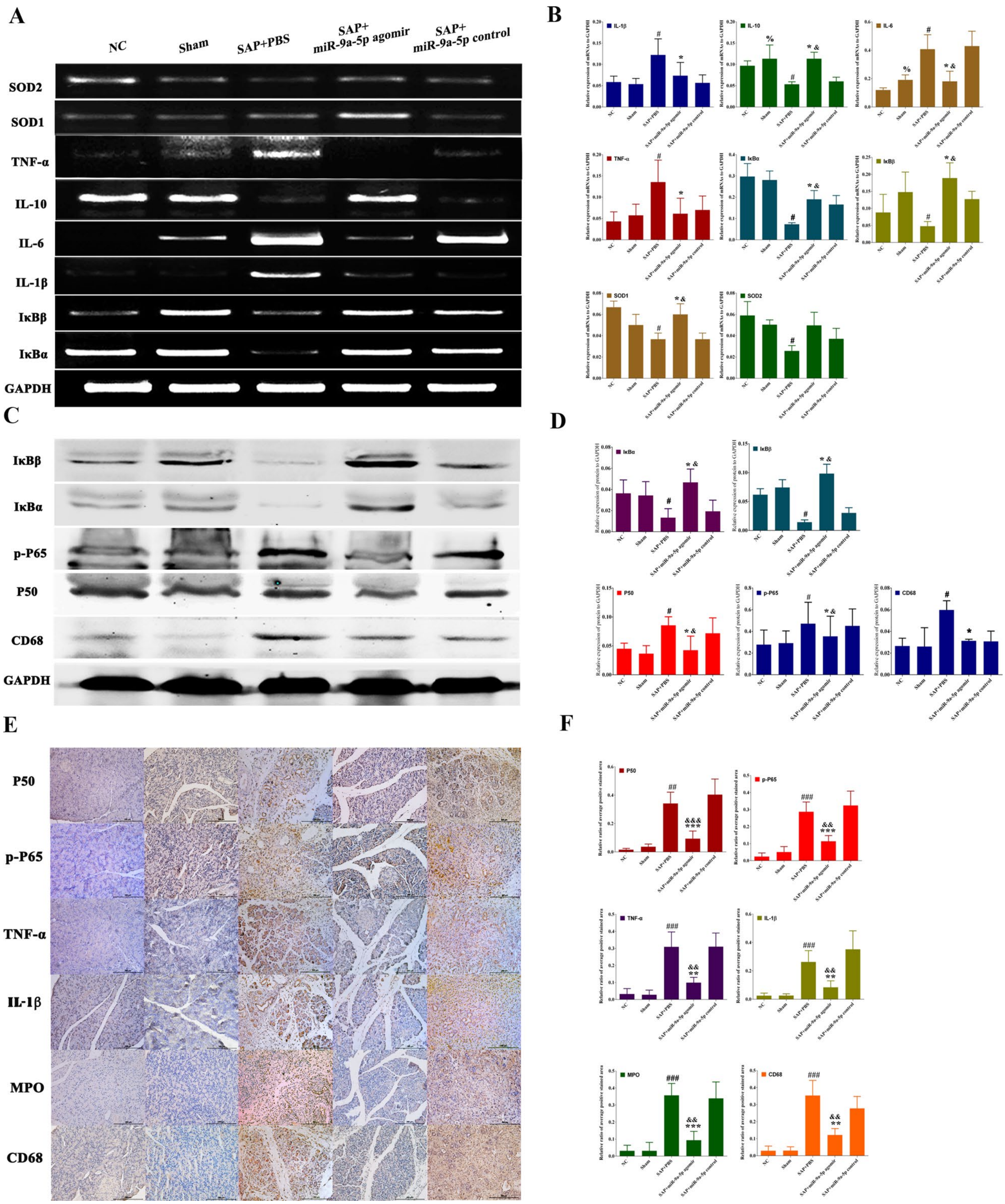

Fig. 4. miR-9 could antagonize the local inflammatory response. The expressions of IL-1β, IL-6, TNF-α, MPO, p-P65, P50, and CD68 were significantly decreased by miR-9a-5p agomir. Inversely, the expressions of SOD_1, SOD_2, IκBα, and IκBβ were significantly increased by miR-9a-5p agomir, compared with SAP + PBS or miR-9a-5p control group, by gPCR (**A,B**), Western-blot (**C,D**) and IHC (**E,F**). Data are shown as mean ± SD for at least 3 separate experiments. $^{\%}P < 0.05$, compared with NC, $^{\#}p < 0.05$ and $^{\#\#\#}p < 0.001$, compared with NC, $^{*}p < 0.05$, $^{**}p < 0.01$ and $^{***}p < 0.001$, compared with SAP + PBS, $^{\&}p < 0.05$, $^{\&\&}p < 0.01$, and $^{\&\&\&}p < 0.001$, compared with miR-9a-5p control by using paired t test. SOD, Superoxide Dismutase, gPCR, General PCR, IHC, immunohistochemistry.