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# *Erratum*
# LncRNA-MALAT1, as a biomarker of neonatal BPD, exacerbates the pathogenesis of BPD by targeting miR-206: Am J Transl Res. 2021; 13(2): 462-479

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In this article, we found three mistakes caused by our carelessness. (1) Two images (Ctrl+ miR-206 and BPD+miR-206) were mistakenly repeated, resulting in incorrect images shown in **Figure 7**. (2) **Figure 13D** and **13E** were mistakenly repeated, resulting in incorrect images shown in **Figure 13**. (3) We need to delete the words "serum of" in the legends of **Figures 11**, **13** and **15**, because there was no serum in the cells. Hence, we would like to publish this Erratum to replace the wrong figures and descriptions. We apologize for these mistakes.

The corrected **Figures 7**, **11**, **13** and **15** are as follows.

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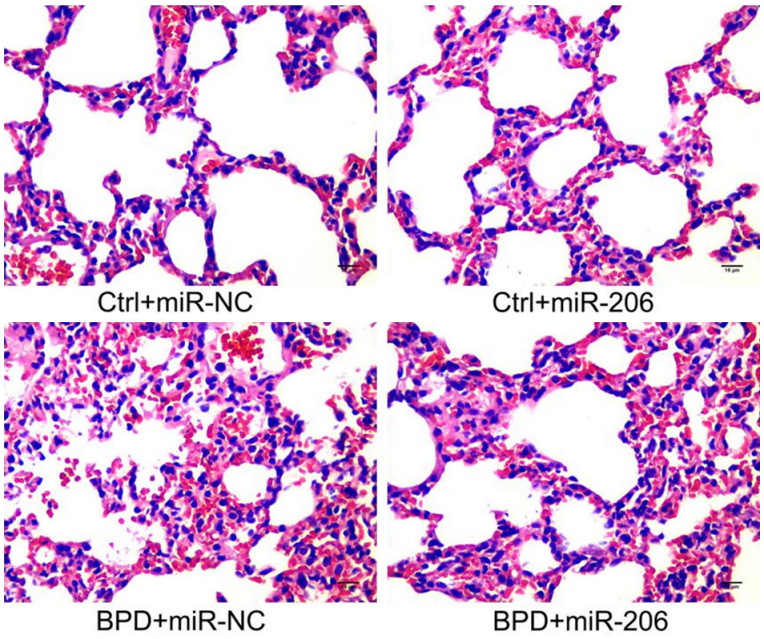


**Figure 7.** HE staining was used to evaluate the effect of miR-206 on lung tissue of BPD model in vivo. Scale: 15 μm; Magnification: 400. BPD, bronchopulmonary dysplasia.

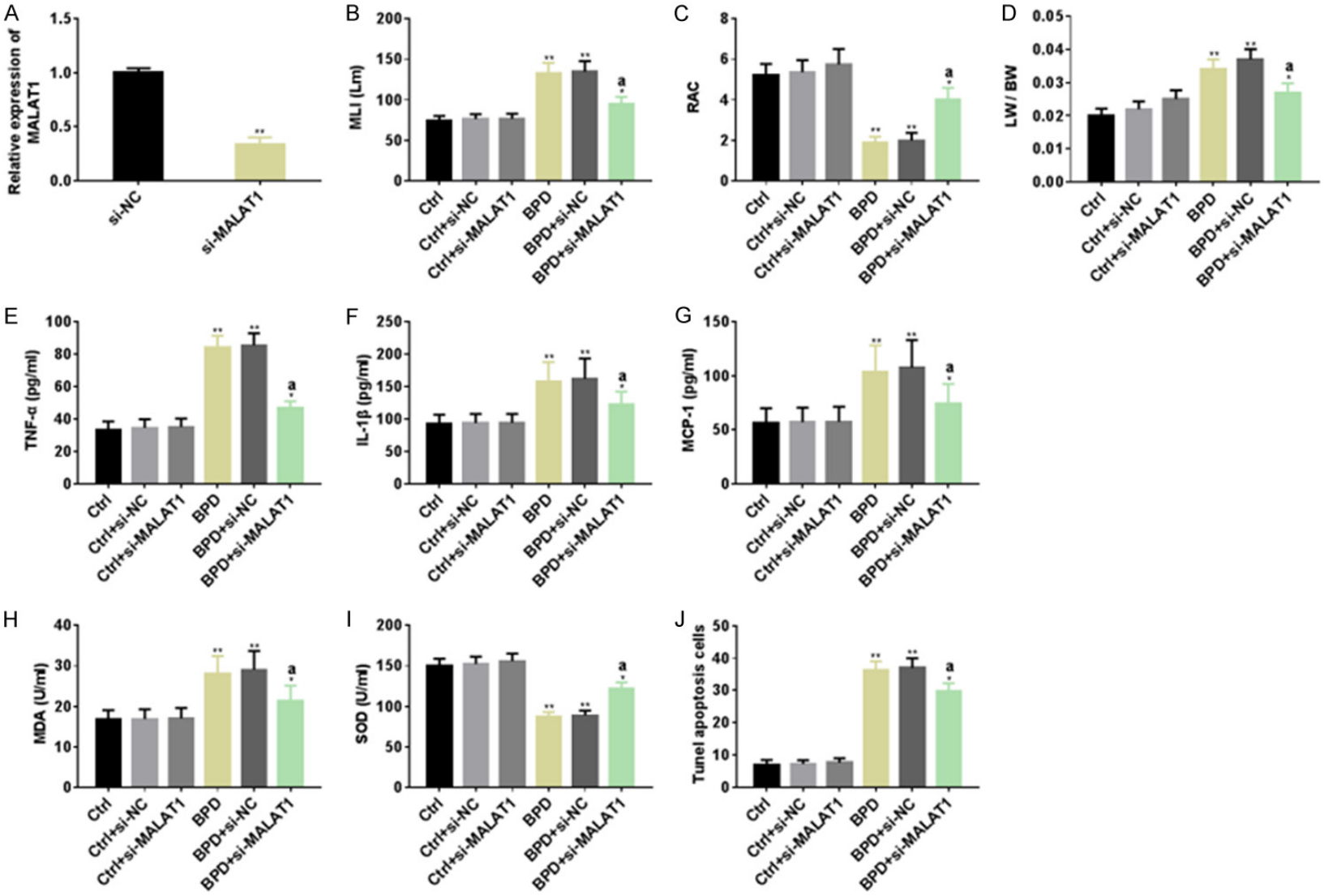


**Figure 11.** Effect of knocking down MALAT1 on BPD in vivo model. At first, we tested the transfection efficiency of MALAT1 by RT-PCR (A), and successfully realized the knock-down model of MALAT1 by transfecting si-MALAT1 to BPD in vivo model. Then, seven days after the intervention of si-MALAT1, we measured (B) MLI, (C) RAC and (D) LW/BW of each group, and the inflammatory indexes such as (E) TNF-α, (F) IL-1β and (G) MCP-1 in each group by ELISA. (H) MDA, (I) SOD and other oxidative stress indexes were detected by the corresponding detection kit, and the apoptosis level was measured by (J) TUNEL. Note: * indicates compared with Ctrl, $P<0.05$; ** indicates $P<0.01$; a indicates compared with BPD, $P<0.05$.

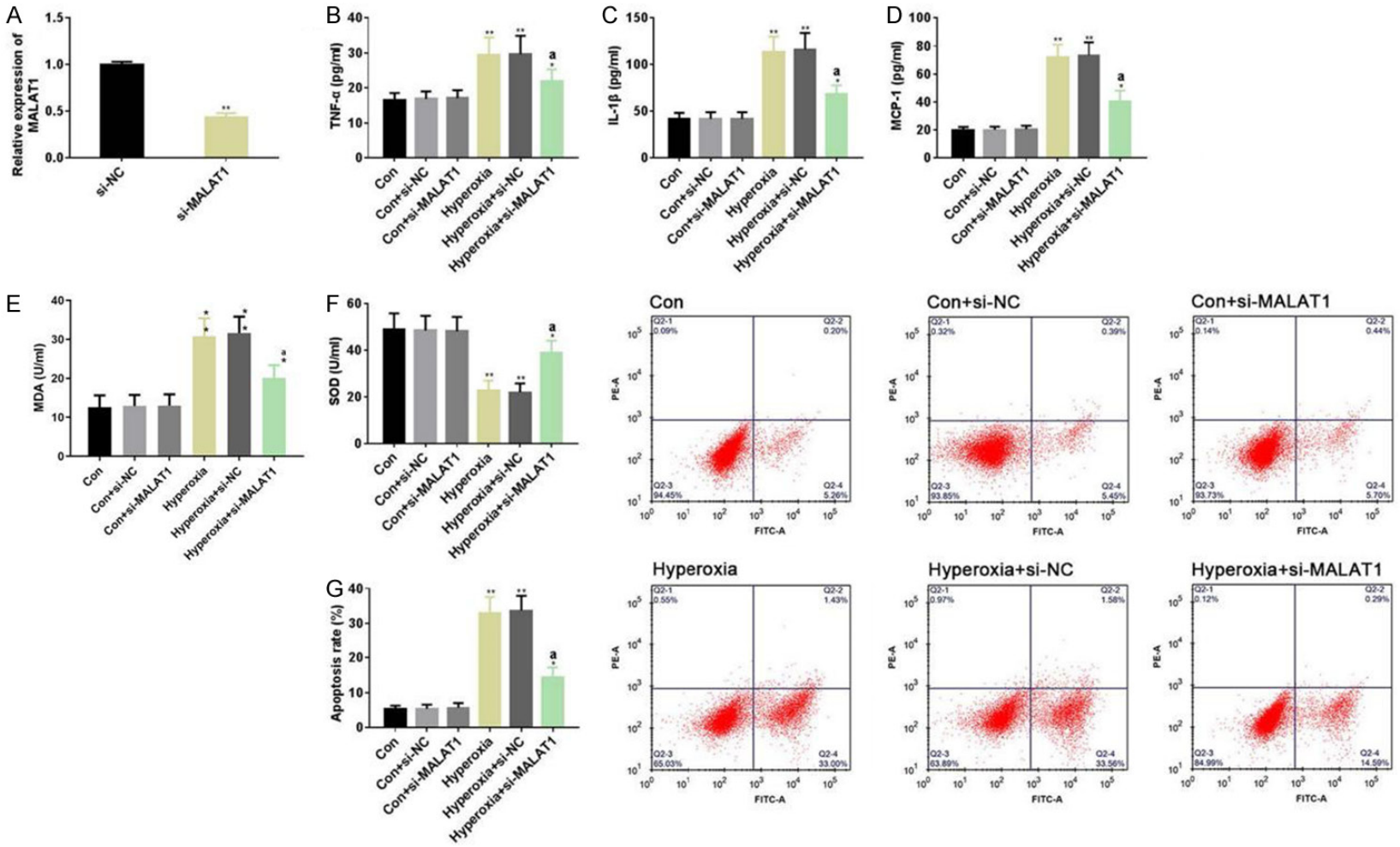


**Figure 13.** Effect of knocking down MALAT1 on BPD model in vitro. We also tested the transfection efficiency of MALAT1 in BPD in vitro model by RT-PCR (A), and successfully down-regulated MALAT1 in BPD in vitro model by transfection of si-MALAT1. Then, we measured the inflammatory indexes such as (B) TNF-α, (C) IL-1β and (D) MCP-1 in each group by ELISA, detected the oxidative stress indexes such as (E) MDA and (F) SOD by corresponding detection kits, and analyzed the apoptosis level by flow cytometry (G). Note: * indicates compared with si-NC/Con, P<0.05; ** indicates P<0.01; a indicates compared with Hyperoxia, P<0.05.

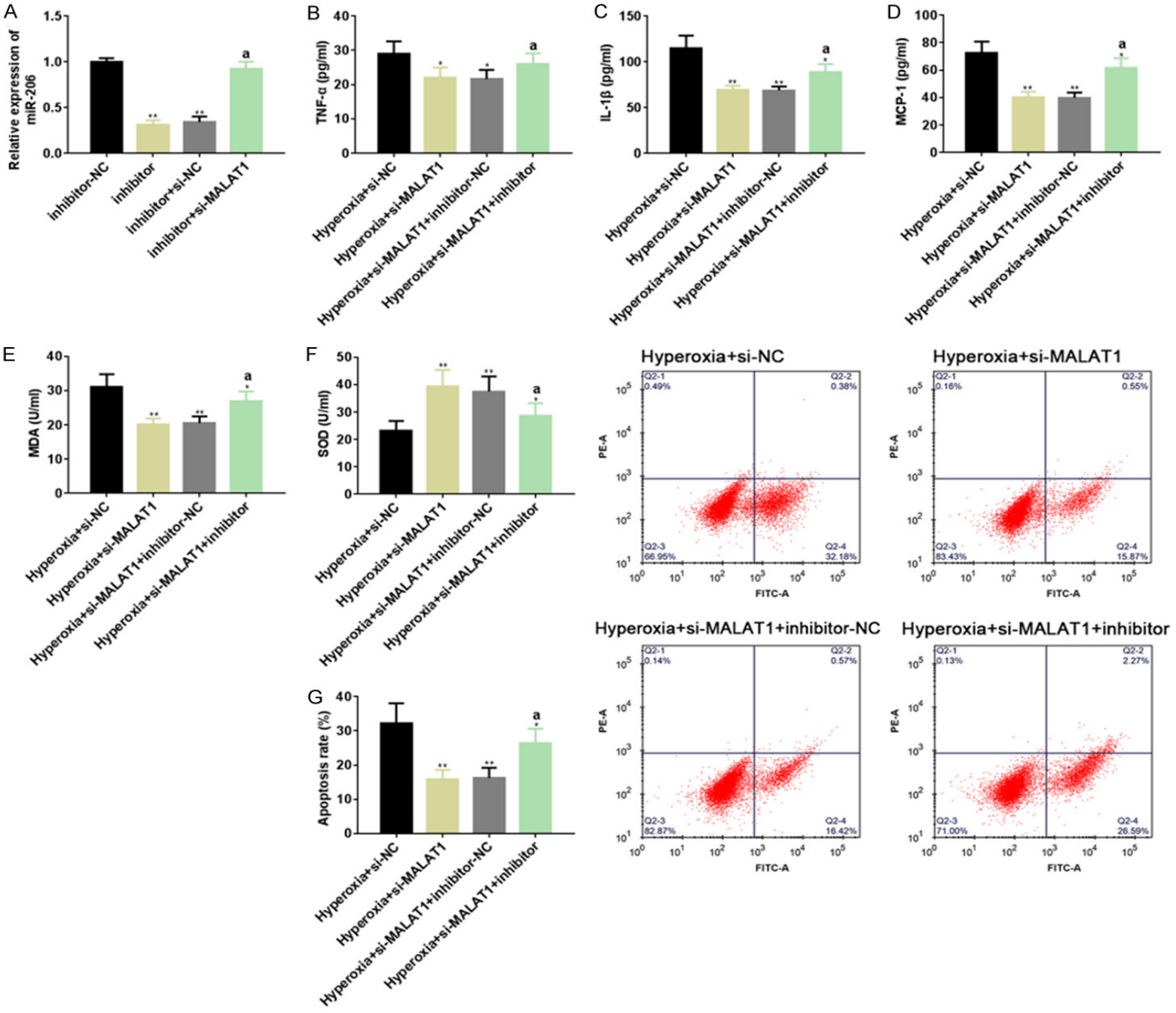
A
Relative expression of miR-206
inhibitor-NC
inhibitor
inhibitor+si-NC
inhibitor+si-MALAT1
B
TNF-α (pg/ml)
C
IL-1β (pg/ml)
D
MCP-1 (pg/ml)
Hyperoxia+si-NC
Hyperoxia+si-MALAT1
Hyperoxia+si-MALAT1+inhibitor-NC
Hyperoxia+si-MALAT1+inhibitor
E
MDA (U/ml)
F
SOD (U/ml)
G
Apoptosis rate (%)
Hyperoxia+si-NC
Q2-1 0.49%
Q2-2 0.38%
Q2-3 66.95%
Q2-4 32.18%
Hyperoxia+si-MALAT1
Q2-1 0.16%
Q2-2 0.55%
Q2-3 83.43%
Q2-4 15.87%
Hyperoxia+si-MALAT1+inhibitor-NC
Q2-1 0.14%
Q2-2 0.57%
Q2-3 82.87%
Q2-4 16.42%
Hyperoxia+si-MALAT1+inhibitor
Q2-1 0.13%
Q2-2 2.27%
Q2-3 71.00%
Q2-4 26.59%
PE-A
FITC-A

**Figure 15.** Effect of down-regulating miR-206 on the anti-BPD effect of knocking down MALAT1. We detected the transfection efficiency of miR-206 and MALAT1 in BPD in vitro model by RT-PCR (A), and successfully down-regulated miR-206 in BPD in vitro model by transfection of inhibitor. Then, we measured the inflammatory indexes such as (B) TNF-α, (C) IL-1β and (D) MCP-1 in each group by ELISA, detected the oxidative stress indexes such as (E) MDA and (F) SOD by corresponding detection kits, and analyzed the apoptosis level by flow cytometry (G). Note: * indicates compared with inhibitor-NC/Con, $P<0.05$; ** indicates $P<0.01$; a indicates compared with inhibitor, $P<0.05$.