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Erratum
TRAIL-mediated armA upregulation enhances the drug resistance of *Klebsiella pneumoniae* by activating the PI3K/AKT/mTOR signaling pathway: Am J Transl Res. 2025; 17(8): 6103-6112

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In this article, we identified some errors in **Figures 1** and **3**. In **Figure 1**, **Figure 1E** should show the statistical graph for IL-6 (pg/mL), and **Figure 1F** should show the statistical graph for IL-1β (pg/mL). Instead, both **Figure 1E** and **1F** were mistakenly duplicated from **Figure 1D** (TNF-α, pg/mL) in the original **Figure 1**. Hence, we would like to publish this erratum to displace the wrong figures and reflect changes. In **Figure 3**, the fourth graph of **Figure 3D** group name: "OE-TRAIL+si-TRAIL" should be corrected to "OE-TRAIL+si-armA". In addition, the figure legend was missing the description for **Figure 3A**. The following corrected legend should be inserted: "(A) The expression of armA mRNA was assessed using RT-qPCR". Subsequently, the labels for the remaining panels must be adjusted to (B), (C, D), and (E-G) accordingly. We sincerely apologize for this oversight and any confusion it may have caused. The corrected **Figures 1** and **3** are shown below.

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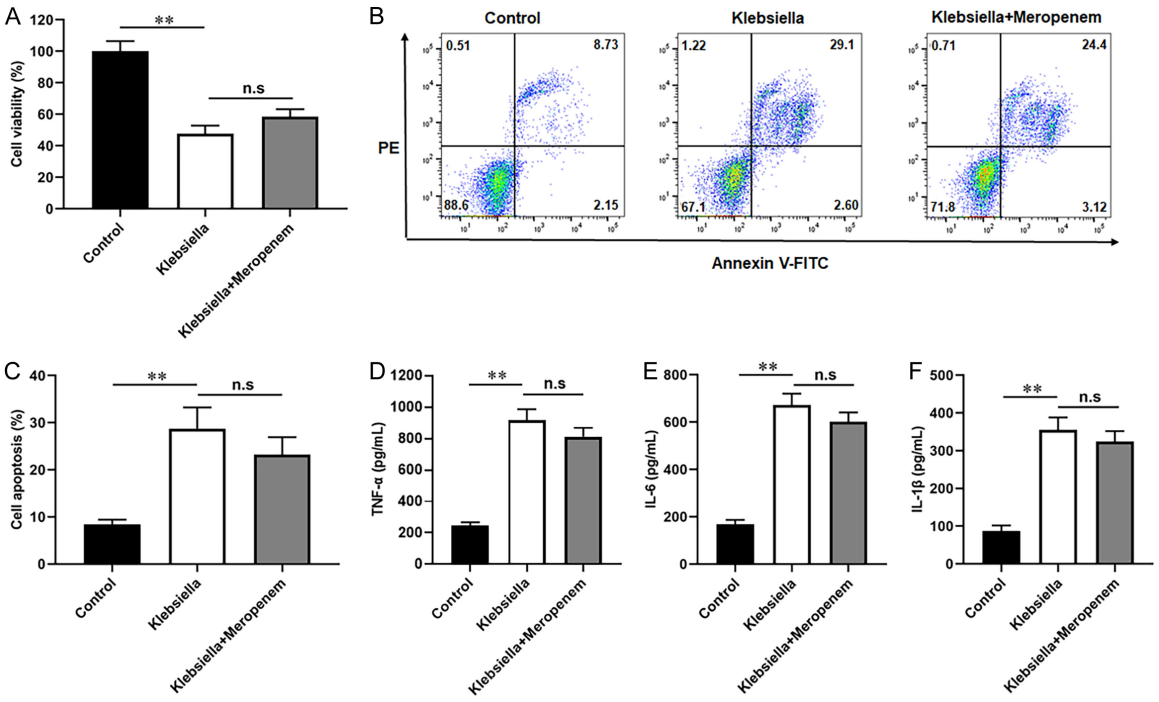

Figure 1. The drug-resistant *Klebsiella pneumoniae* infection promoted apoptosis and inflammation in A549 cells. A drug-resistant *Klebsiella pneumoniae*-infected A549 cell model was prepared and treated with meropenem. A: Cell viability was quantified using Cell Counting Kit-8 (CCK-8) assay. B, C: Cell apoptosis was examined using flow cytometry. D-F: Tumor necrosis factor-α (TNF-α), interleukin-6 (IL-6), and interleukin-1β (IL-1β) levels were assessed using enzyme-linked immunosorbent assay (ELISA) kits. Data are expressed as mean ± standard deviation (SD). Ns, no significant; $^{**}P < 0.01$.

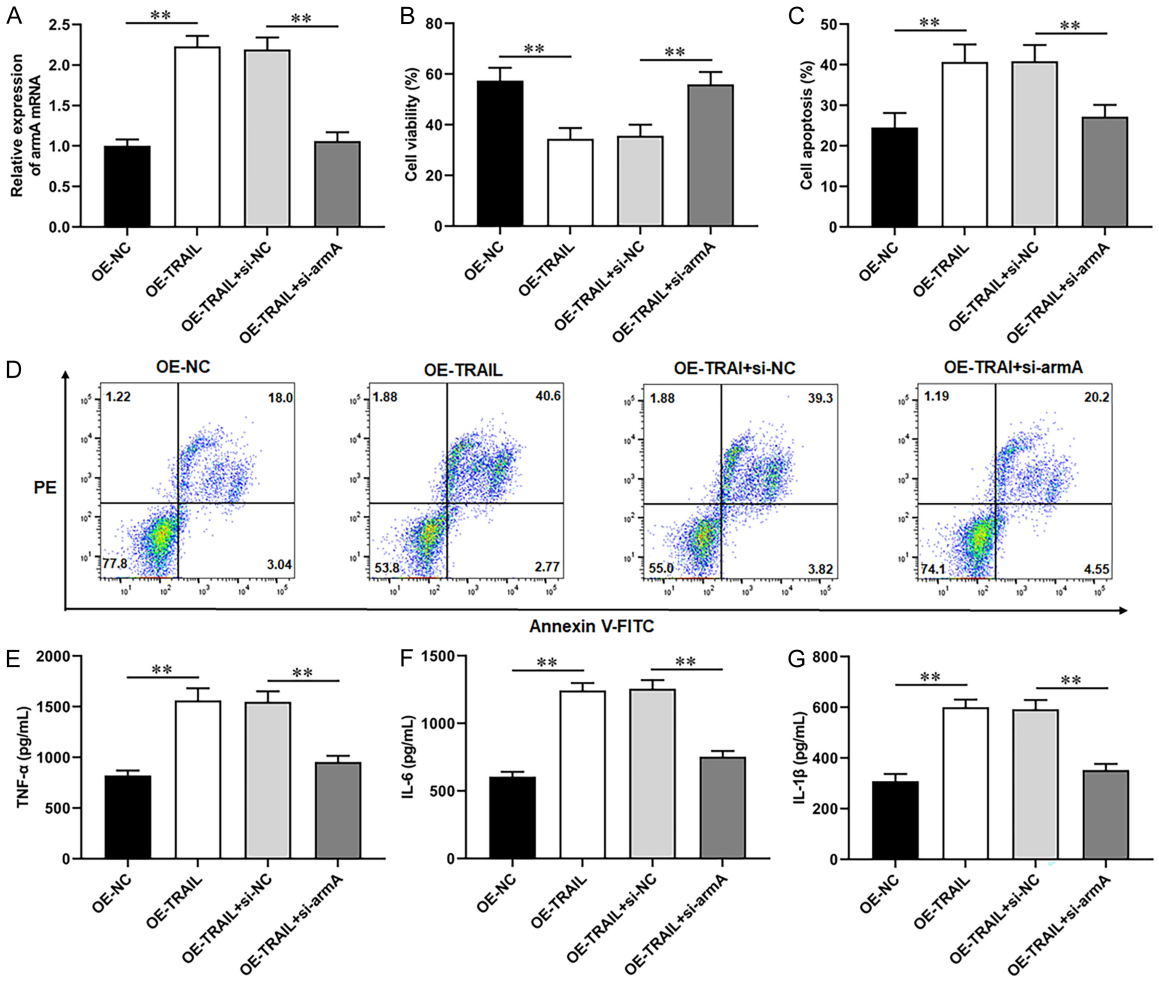

Figure 3. TRAIL enhanced the drug resistance of *Klebsiella pneumoniae* by upregulating aminoglycoside resistance methylase (armA) expression. TRAIL overexpression plasmids (OE-TRAIL) and armA siRNA (si-armA) were transfected into *Klebsiella pneumoniae*-infected A549 cells and subsequently treated with meropenem. A: The expression of armA mRNA was assessed using RT-qRCR. B: Cell viability was quantified using CCK-8 assay. C, D: Cell apoptosis was examined using flow cytometry. E-G: TNF-α, IL-6, and IL-1β levels were assessed using ELISA kits. Data are expressed as mean ± SD. $^{**}P < 0.01$.