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# Correction: Acute exposure to gold nanoparticles aggravates lipopolysaccharide-induced liver injury by amplifying apoptosis via ROS-mediated macrophage-hepatocyte crosstalk

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Following publication of the original article [1], the authors identified an error in Fig.9. The correct Fig. 9 is

given below. The authors apologize for not noticing these errors prior to publication, and for any inconvenience caused. The original article has been corrected.

The original article can be found online at https://doi.org/10.1186/s12951-021-01203-w.

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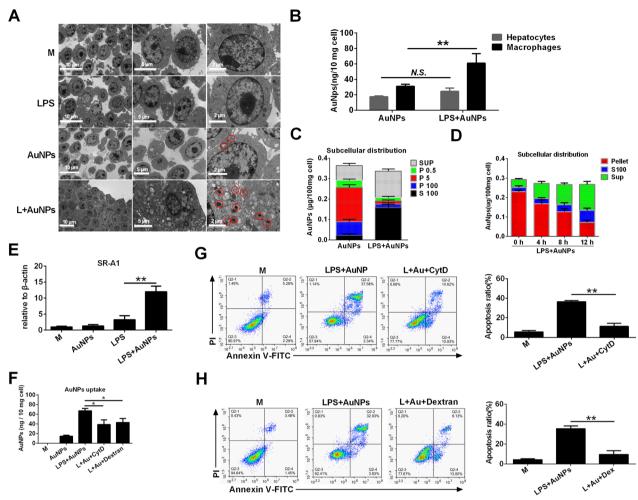


Fig. 9 LPS increases the SRA-dependent AuNPs uptake in macrophages to mediate apoptosis induction. **A** Murine peritoneal macrophages were treated with AuNPs and LPS, separately or in combination, for 4 h. The intracellular distribution of AuNPs was visualized via TEM imaging (labeled by red circles). **B** Murine peritoneal macrophages or AML-12 cells were treated with AuNPs alone or in combination with LPS for 4 h. The content of Au per 10 mg cells was quantified via ICP-MS. **C**, **D** Macrophages were treated with AuNPs alone or together with LPS for 4 h. Cell homogenates were processed via gradient centrifugation to obtain the P0.5, P5, P100, S100, and Pellet fractions. The Au content in these fractions was detected via ICP-MS. **E** Macrophages were treated as in **C** and **D**. The mRNA expression of SR-A1 was detected via RT-PCR. **F** Macrophages were pre-treated with dextran sulfate or cytochalasin D for 2 h, followed by LPS and AuNP treatment for another 4 h. The Au content per 10 mg cells was quantified via ICP-MS. **G**, **H** Cells were pre-treated with dextran sulfate **G**) and cytochalasin D **H** for 2 h and then treated with LPS and AuNPs as indicated in **C**. Apoptosis was examined via Annexin V-FITC/PI staining. N.S., no significance, \*: P < 0.05, \*\*: P < 0.05.

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### Reference

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