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# Correction to: Astaxanthin-loaded polymer-lipid hybrid nanoparticles (ATX-LPN): assessment of potential otoprotective effects

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Following publication of the original article [1], the authors identified errors in Fig. 8d and f. The corrected Fig. 8 and the corrected figure caption are given below.

The original article can be found online at https://doi.org/10.1186/s12951-020-00600-x.

Full list of author information is available at the end of the article



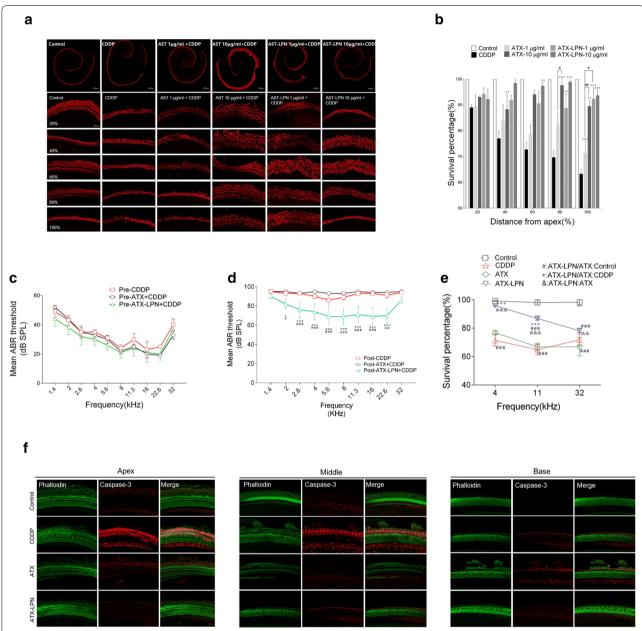
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**Fig. 8** ATX-LPN partially rescue CDDP-induced hearing loss. **a** In vitro culture of Organ of Corti. CDDP induced a significant loss of hair cells (Myosin VII, red), especially in the high-frequency areas. **b** Survival outer hair cell numbers in 1 mm length at different locations from apical end of each group. \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001 as compared with CDDP, \*p < 0.05 as compared with ATX + CDDP. **c-e** Mean ABR threshold of mice treated with cisplatin, ATX 1 mg/ml, 5 µl. ATX-LPN + CDDP. \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001 as compared with CDDP, \*f lmmunohistochemistry of cochlea in apex/middle/basal area of BM. The pretreatment of protective drugs (ATX/ATX-LPN) effectively reduced the expression of caspase-3 (red fluorescence) and rescued more OHCs (green fluorescence)

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