

CORRECTION

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# Correction to: Metabolic syndrome increases senescence-associated micro-RNAs in extracellular vesicles derived from swine and human mesenchymal stem/stromal cells

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## Correction to: *Cell Commun Signal* 18:124 (2020)

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Following publication of the original article [1], the authors identified an error in Figs. 2 and 3. The two figures have been mistakenly transposed. The correct Figs. 2 and 3 have been presented below:

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The original article can be found online at <https://doi.org/10.1186/s12964-020-00624-8>.

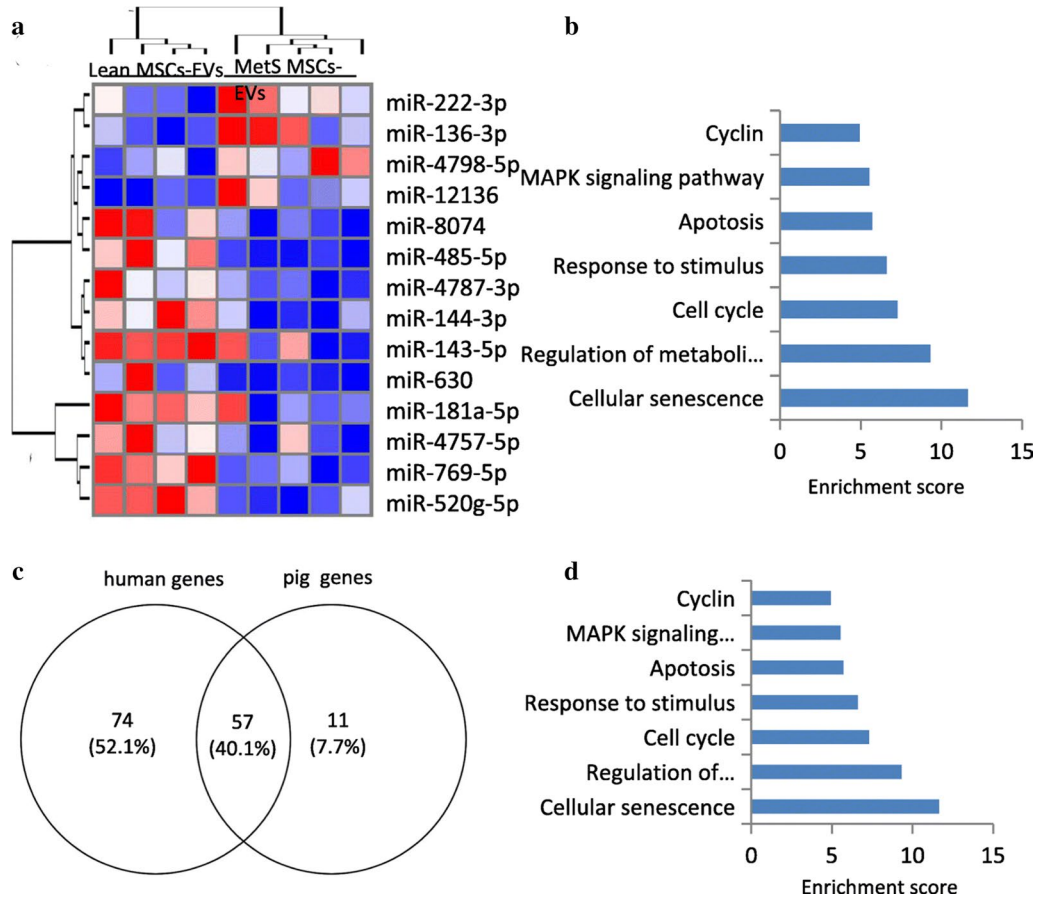
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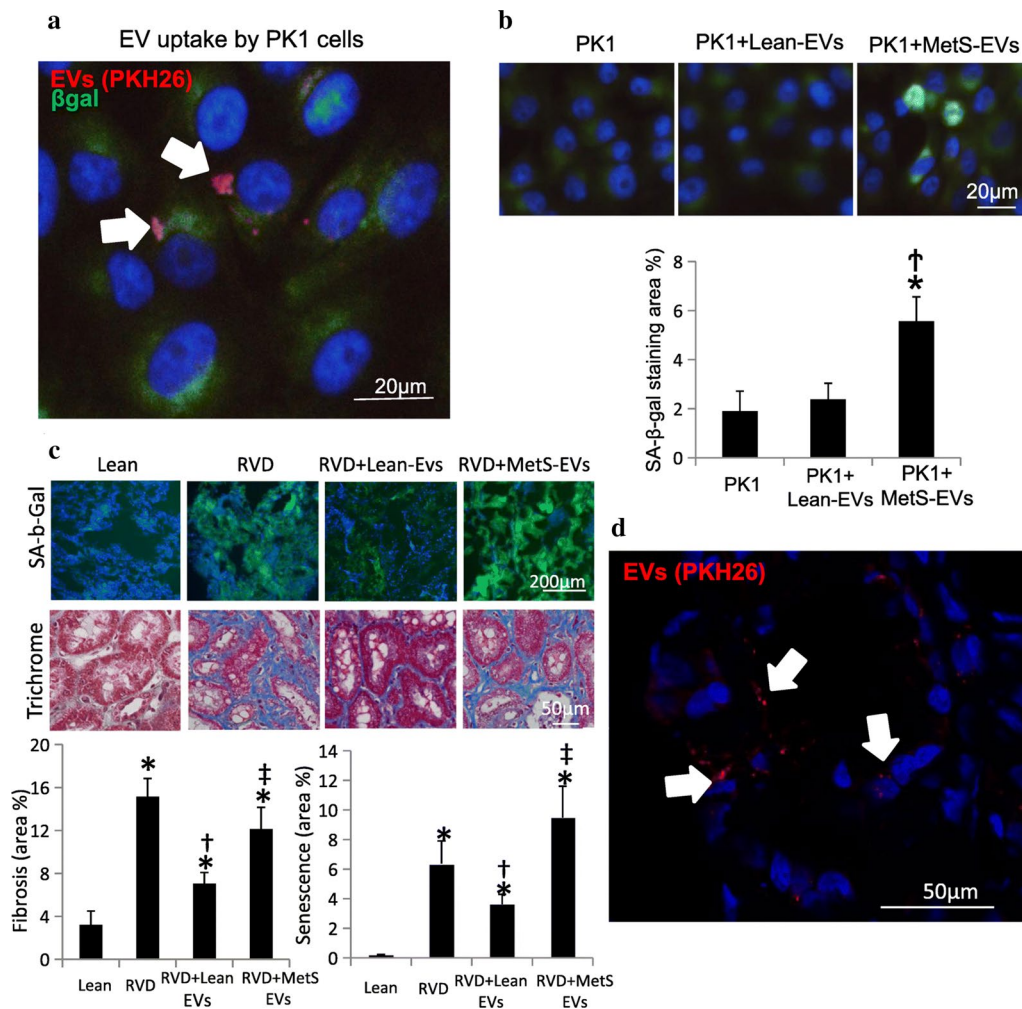
Full list of author information is available at the end of the article



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**Fig. 2** MicroRNA (miRNA) profile in MSC-EVs in human subjects and functional pathway analysis of the common SA-genes. **a** Heat map showed four upregulated (top) and nine downregulated (bottom) miRNAs in MetS compared with Lean MSC-EVs in human subjects. **b** Enrichment of functional pathway of the 131 miRNA-targeted senescence genes using DAVID 6.7 in human. \* $p < 0.05$  vs Lean MSC-EVs. **c** 57 common SA-genes targeted by differentially expressed miRNAs in human and swine MetS-MSCs. **d** Enrichment of functional pathway of the 57 SA-genes using DAVID 6.7



**Fig. 3** Effects of MSC-derived EVs in PK1 cells and pig kidney. **a** Co-cultured with MetS MSC-EVs, PK1 cells showed higher senescence. \* $p < 0.05$  vs PK1, † $p < 0.05$  vs PK1 + Lean-EVs. **b** PKH-26-labeled EVs (red) were detected in PK1 cells. **c** Representative kidney staining with immunofluorescent SA-b-Gal (left top) and trichrome (left bottom), and respective quantification. Lean EVs attenuated cellular senescence and fibrosis in vivo in injured kidneys, whereas MetS EVs failed to blunt them. **d** Pkh-26-labeled EVs (red) were detected in frozen section in the RVD kidney. \* $p < 0.05$  versus Lean, † $p < 0.05$  versus RVD, ‡ $p < 0.05$  versus RVD + Lean-EVs

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