Research
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ERRATUM

Erratum to "*CX3CR1*$^{+}$ Monocytes/Macrophages Promote Regional Immune Injury in Mesangial Proliferative Glomerulonephritis through Crosstalk with Activated Mesangial Cells"

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Citation: Zhang J, Fang Q, Huang Y, Qu Y, Liu Q, Li R, Zhou Y, Cui S, Liu R, Wang X, et al. Erratum to "*CX3CR1*$^{+}$ Monocytes/Macrophages Promote Regional Immune Injury in Mesangial Proliferative Glomerulonephritis through Crosstalk with Activated Mesangial Cells". *Research* 2026;9:Article 1194. https://doi.org/10.34133/research.1194

Submitted 26 February 2026
Accepted 26 February 2026
Published 18 March 2026

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In the Research Article entitled "*CX3CR1*+ Monocytes/Macrophages Promote Regional Immune Injury in Mesangial Proliferative Glomerulonephritis through Crosstalk with Activated Mesangial Cells" [1], the authors have identified an error in Fig. 4. Due to an inadvertent error during the image assembly process, the incorrect image was presented for the HRMC-transfected negative plasmid (NC) group in Fig. 4, panel D.

The authors apologize for this error and assure readers that this error does not affect the scientific conclusions drawn in the study. The corrected figure is presented below and has been corrected in the PDF and HTML versions of the article.

Reference

1. Zhang J, Fang Q, Huang Y, Qu Y, Liu Q, Li R, Zhou Y, Cui S, Liu R, Wang X, et al. CX3CR1^{+} monocytes/macrophages promote regional immune injury in mesangial proliferative glomerulonephritis through crosstalk with activated mesangial cells. *Research*. 2025;8:Article 0716.

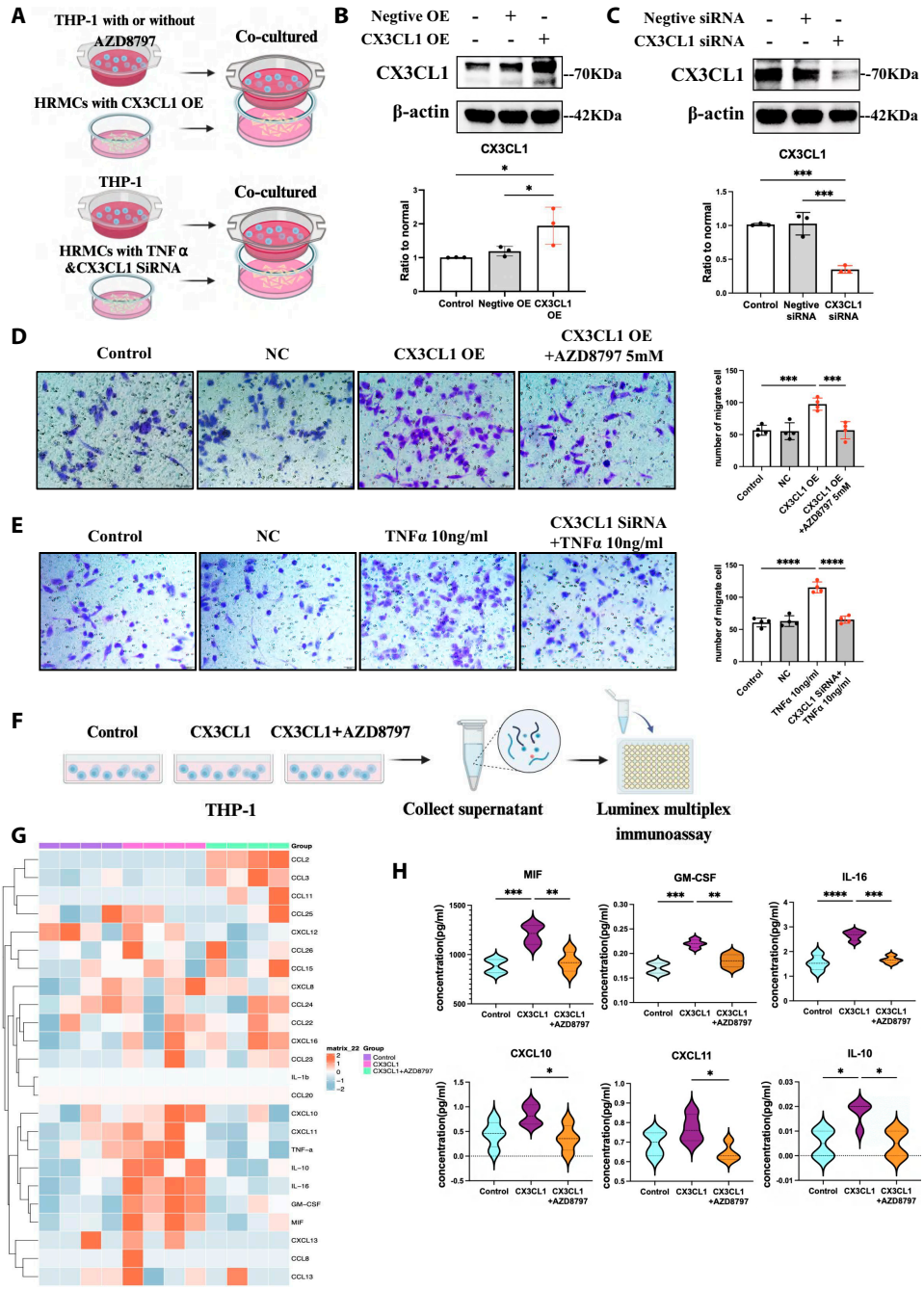


Fig. 4. CX3CL1-CX3CR1 interaction mediated monocytes/macrophages migration and activation induced by mesangial cells. (A) THP-1 was treated with AZD8797 and co-cultured with CX3CL1 overexpressed HRMCs in transwell system. And HRMCs were transfected CX3CL1 siRNA or not under TNFα stimulation and co-cultured with THP-1 in transwell system. (B and C) Western blotting detects the transfection efficiency of CX3CL1 overexpression plasmid and CX3CL1 siRNA in HRMCs. $n = 3$. (D) Crystal violet staining of THP-1 co-cultured with normal HRMCs, HRMCs transfected negative plasmid (NC) or CX3CL1 overexpression plasmid (OE) for 48 hours, and assess the inhibition of THP-1 migration by CX3CR1 antagonist AZD8797 under the overexpressed CX3CL1. $n = 4$. Scale bar, 50μm. (E) Crystal violet staining of THP-1 co-cultured with normal HRMCs, HRMCs transfected negative siRNA (NC), HRMCs stimulated by TNFα (10ng/ml), HRMCs transfected CX3CL1 siRNA under 10ng/ml TNFα stimulation for 48 hours. $n = 4$. Scale bar, 50μm. (F) The supernatant of THP-1, THP-1 under 50 ng/mL CX3CL1 treatment with or without 5mM AZD8797 for 48 h was collected for Luminex multiplex immunoassay. (G) Heat map of 24 factors analyzed by Luminex multiplex immunoassay in indicated groups. $n = 4$. (H) Statistical analysis of cytokines with significant differences in indicated groups. Results are presented as the means ± SD, *$P < 0.05$; ** $P < 0.01$; ***$P < 0.001$; ****$P < 0.0001$; ns, not significant.