

ERRATUM

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Erratum to: TNF- α induces MMP-9 expression and soluble ICAM-1 release via TRAF2, c-Src, MAPKs and NF- κ B in osteoblast-like MC3T3-E1 cells

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Erratum

It has come to our attention that Figures 2F and 7A in our article [1] are the same as Figures 1E and 6A in our previously published article in *Bone* [2] and there is some text overlap in the Methods section. Both papers approached the various intracellular signalling pathways involved in TNF- α -induced MMP-9 expression in osteoblast-like MC3T3-E1 cells, which shared common signalling molecules such as Src and p42/p44 MAPK. The images presented come from the same experiment described in both articles. Due to the similar approach used in each case there is text overlap in the Methods section. We apologize for this overlap and any inconvenience caused.

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Received: 26 January 2015 Accepted: 26 January 2015

Published online: 20 March 2015

References

1. Tsai CL, Chen WC, Hsieh HL, Chi PL, Hsiao LD, Yang CM. TNF- α induces MMP-9 expression and soluble ICAM-1 release via TRAF2, c-Src, MAPKs and NF- κ B in osteoblast-like MC3T3-E1 cells. *J Biomed Sci*. 2014;21:12.
2. Tsai CL, Chen WC, Lee IT, Chi PL, Cheng SE, Yang CM. c-Src-dependent transactivation of PDGFR contributes to TNF- α -induced MMP-9 expression and functional impairment in osteoblast-like MC3T3-E1 cells. *Bone*. 2014;60:186–97.

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