

# Corrigendum: interleukin-7 induces osteoclast formation via stat5, independent of...

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A corrigendum on

[Interleukin-7 Induces Osteoclast Formation via STAT5, Independent of Receptor Activator of NF-kappaB Ligand](#)

[by Kim JH, Sim JH, Lee S, Seol MA, Ye SK, Shin HM, et al. Front Immunol \(2017\) 8: 1376. doi: 10.3389/fimmu.2017.01376](#)

In the original article, there was a mistake in the legend for Figure 2 as published. Here, the expression “ SFMCs from healthy individuals” should be corrected to “ SFMCs”. The correct legend appears below. The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way.

FIGURE 2 | Interleukin (IL)-7 induced osteoclast formation in synovial fluid mononuclear cells (SFMCs) from joint fluid of rheumatoid arthritis (RA) patients. SFMCs were cultured with M-CSF (20 ng/mL), RANKL (50 ng/mL), or IL-7 (2 ng/mL) for 10 days by replacing the medium at 3-day intervals with fresh cytokines as described in Figure 1 (left panel). To determine the effect of pretreatment with IL-7, SFMCs were cultured with IL-7 (2 ng/mL) for 3 days, then treated with M-CSF (20 ng/mL), RANKL (50 ng/mL), or IL-7 (2 ng/mL) for 7 days, replacing the medium as described above (right panel). TRAP staining and enumeration were performed as described in Figure 1. Representative images (A) and quantification (B) of TRAP<sup>+</sup> cells at days 10 and 15 are shown. Results are representative of five independent experiments with five different donors. Bars represent the mean and *p* values were obtained using the unpaired two-tailed Student's *t*-test. (C) Peripheral blood mononuclear cells were cultured on top of dentine disks in 96-well culture

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plates in the above condition for 30 days. Then, surface roughness was analyzed as described in Figure 1. Results illustrate three independent experiments ( $n = 3$ ). Roughness parameter and the number of pits were analyzed as described in Figure 1. The graph represents the mean  $\pm$  SEM and  $p$  values were obtained using the unpaired two-tailed Student's  $t$ -test.

The original article was updated.

### **Conflict of Interest Statement**

The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.