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# Author Correction: Identification of a Kavain Analog with Efficient Anti-inflammatory Effects

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-019-49383-8>, published online 10 September 2019

The original version of this Article contains errors. Due to errors during figure assembly, in Figure 5C the panel “TRAP” AB + Pg + Kava-205Me, 10 × shows an image that belongs to the dataset “TRAP” AB + Pg, 10 × and therefore partially overlaps with the corresponding panel.

The corrected Figure 5 and accompanying legend appear below as Figure 1.

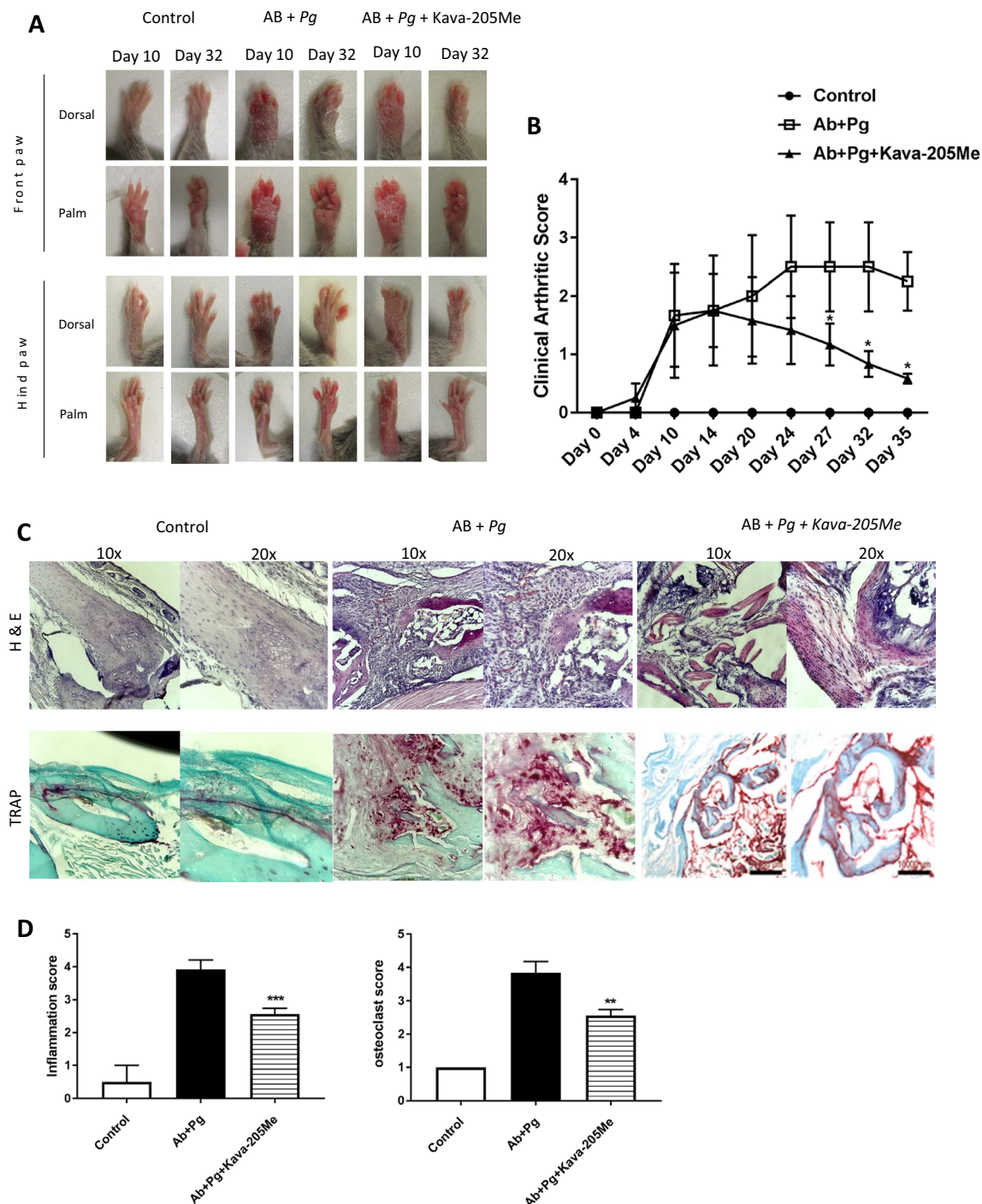
In addition, there is an error in the subsection ‘Mouse calvarial bone resorption model’ of the Materials and Methods section. The sentence.

“The 8- to 12-week-old wild-type C57BL/6J mice used in this study were purchased from Taconic Laboratories (Germantown, NY).”

should read:

“The 8- to 22-week-old wild-type C57BL/6J mice used in this study were purchased from Taconic Laboratories (Germantown, NY).”

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**Figure 1.** Effect of Kava-205Me in infective arthritis model. Clinical examination of forepaws (A) and clinical score of arthritis (B) were evaluated daily in all groups. Pictures were taken at 10 and 32 days. Note the swollen paws in *P. gingivalis* + AB group and the significant reduction in Kava-205Me treated group; \* $p < 0.05$ . Histological views of the joint (C) (H-E staining for inflammation and TRAP staining). Histological sections performed at the joint site are representative of each group. AB + *P. gingivalis* injected group was associated with intense infiltrate of inflammatory cells, predominantly neutrophils macrophages and lymphocytes. Furthermore, signs of edema and synovial hyperplasia were clearly observed. Treatment with Kava-205Me reduced significantly such signs of inflammation and tissue destruction. Quantitative evaluation of histological changes following Kava-205Me treatment (inflammation score; osteoclast score) (D). \* $p < 0.05$ .



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