



Correction

Correction: Giunta et al. Ameliorative Effects of PACAP against Cartilage Degeneration. Morphological, Immunohistochemical and Biochemical Evidence from *in Vivo* and *in Vitro* Models of Rat Osteoarthritis. *Int. J. Mol. Sci.* 2015, 16, 5922–5944

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Citation: Giunta, S.; Castorina, A.; Marzagalli, R.; Szychlinska, M.A.; Pichler, K.; Mobasher, A.; Musumeci, G. Correction: Giunta et al. Ameliorative Effects of PACAP against Cartilage Degeneration. Morphological, Immunohistochemical and Biochemical Evidence from *in Vivo* and *in Vitro* Models of Rat Osteoarthritis. *Int. J. Mol. Sci.* 2015, 16, 5922–5944. *Int. J. Mol. Sci.* 2024, 25, 12148. <https://doi.org/10.3390/ijms252212148>

Received: 15 October 2024

Accepted: 31 October 2024

Published: 12 November 2024



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In the original publication [1], there was a mistake in Figure 2. The micrograph B representing the sham group was a duplicate of the one representing the control group (micrograph A). The corrected Figure 2 appears below. The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

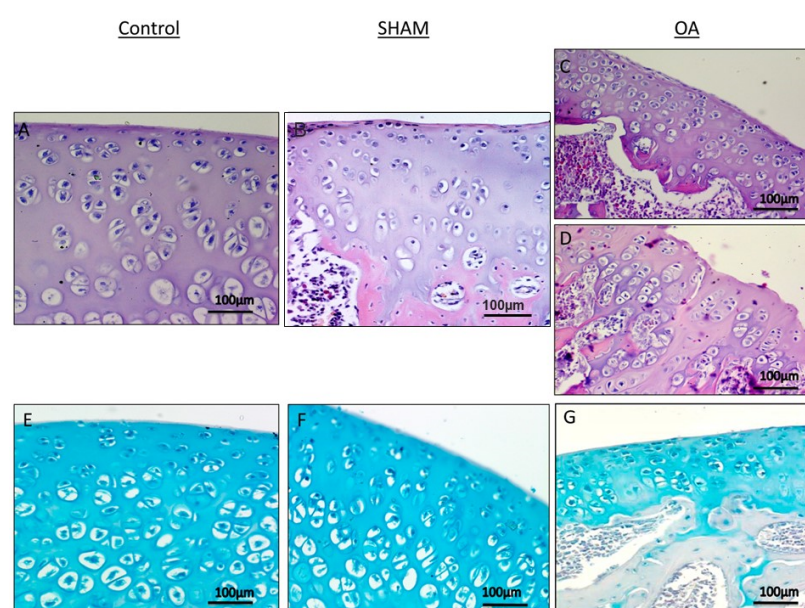


Figure 2. Histological and histochemical evaluation. (A,B) Histology (H&E staining) demonstrated the absence of structural alterations in control groups (without anterior cruciate ligament transection

(ACLT)). In the superficial zone, cells appear flat and small; in the middle and deep zone, cells are organized in columns. Magnification $\times 20$; Scale bars: 100 μm ; (C) Histology (H&E staining) demonstrated evidence of structural alterations in cartilage with moderate signs of OA (with ACLT). The structural alterations included a reduction of cartilage thickness in the superficial and the middle zones. The tidemark is no longer intact and the subchondral bone shows fibrillation. Magnification $\times 20$; Scale bars: 100 μm ; (D) Histology (H&E staining) demonstrated signs of structural alterations in severe Osteoarthritis (OA) (with ACLT). Severe OA cartilage shows deep surface clefts, disappearance of cells from the superficial zone, cloning, and a lack of cells in the intermediate and deep zone, which are not arranged in columns. The cartilage layers (superficial zone, middle and deep zone) are completely absent. Magnification $\times 20$; Scale bars: 100 μm ; (E,F) Histochemistry (toluidine blue staining) showed an absence of structural alterations and preserved GAG, in control groups (without ACLT), as indicated by the intense toluidine blue staining. Magnification $\times 20$; Scale bars: 100 μm ; (G) Histochemistry (toluidine blue staining) demonstrated signs of structural alterations in moderate and severe OA cartilage and loss of proteoglycans as evidenced by poor GAG preservation in the OA group (with ACLT), showing reduced toluidine blue staining. Magnification $\times 20$; Scale bars: 100 μm .

Reference

1. Giunta, S.; Castorina, A.; Marzagalli, R.; Szychlińska, M.A.; Pichler, K.; Mobasheri, A.; Musumeci, G. Ameliorative Effects of PACAP against Cartilage Degeneration. Morphological, Immunohistochemical and Biochemical Evidence from *in Vivo* and *in Vitro* Models of Rat Osteoarthritis. *Int. J. Mol. Sci.* **2015**, *16*, 5922–5944. [[CrossRef](#)] [[PubMed](#)]

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