



Retraction Note: Melatonin promotes angiogenesis during repair of bone defects: a radiological and histomorphometric study in rabbit tibiae

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The Editor in Chief retracted this article because of significant concerns regarding a number of Figures presented in this work, which question the integrity of the data. After publication, overlap was detected with figures in other articles published by these authors, but with different labels. Specifically,

Figure 2A is described as control group at 1 week. It appears the same image was used in (1, now retracted) and described as control group at 1 month.

Figure 2B is described as Melatonin group at 1 week. It appears the same image was used in (2, now retracted) and described as control group at 3 months.

Figure 2F is described as melatonin group at 3 weeks. It appears the same image was used in (2, now retracted) and described as control group at 4 months.

Figure 5C is described as control group at 2 weeks, but it appears to be from the same histological section as Figure 5D (stained with trichrome) which is purported to be from an animal in different group. It appears the same image was used with different labels in (3, now retracted; 4, now retracted; 5, now retracted and 6, now retracted).

Figure 5D is described as melatonin group at 2 weeks. It appears the same image was used with different labels in (2, now retracted and 7, now retracted).

Figure 5H is described as melatonin group at 4 weeks. It appears the same image was used with different labels in (2, now retracted and 5, now retracted).

Figure 6A - it appears the same image was used with different labels in (1, now retracted and 2, now retracted).

Figure 6D - it appears the same image was used with different labels (1, now retracted, 4, now retracted and 9, now retracted).

Figure 6E - it appears the same image was used with different labels (2, now retracted and 4, now retracted and 8, now retracted).

Figure 6F - it appears the same image was used with different labels (4, now retracted and 9, now retracted).

Figure 6G- it appears the same images were used with a different label in (2, now retracted).

Figure 6H- it appears the same images were used with a different label in (1, now retracted).

The Editor-in-Chief therefore no longer has confidence in the integrity of the data in this article.

David Peñarrocha Oltra agrees to this retraction. María Piedad Ramírez-Fernández, José Luis Calvo-Guirado, José Eduardo-Maté Sánchez de-Val, Rafael Arcesio

The original article can be found online at <https://doi.org/10.1007/s00784-012-0684-6>.

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Delgado-Ruiz, Bruno Negri, Guillermo Pardo-Zamora, Cristina Barona, Jose Manuel Granero & Miguel Alcaraz-Baños have not responded to any correspondence from the editor or publisher about this retraction.

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