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Inhibitory effects of melatonin on titanium particle-induced inflammatory bone resorption and osteoclastogenesis via suppression of NF-κB signaling

Zichuan Ping, Zhirong Wang, Jiawei Shi, Liangliang Wang, Xiaobin Guo, Wei Zhou, Xuanyang Hu, Xiexing Wu, Yu Liu, Wen Zhang, Huilin Yang, Yaozeng Xu, Ye Gu, Dechun Geng

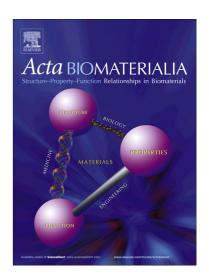
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Title page

Title of the article

Inhibitory effects of melatonin on titanium particle-induced inflammatory bone resorption and osteoclastogenesis via suppression of NF- κ B signaling

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Key words: melatonin; inflammatory bone resorption; osteoclast; wear debris; NF-κB signaling pathway

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