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Use of platelet lysate for bone regeneration - are we ready for clinical translation?

Ala Altaie, Heather Owston, Elena Jones

**Abstract**

Current techniques to improve bone regeneration following trauma or tumour resection involve the use of autograft bone or its substitutes supplemented with osteoinductive growth factors and/or osteogenic cells such as mesenchymal stem cells (MSCs). Although MSCs are most commonly grown in media containing fetal calf serum, human platelet lysate (PL) offers an effective alternative. Bone marrow (BM)-derived MSCs grown in PL-containing media display faster proliferation

## Match Overview



1	<b>CrossCheck</b> 67 words Shih, Daniel Tzu-Bi, and Thierry Burnouf. "Preparation, quality criteria, and properties of human blood platelet lysate..."	2%
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