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Establishment of 3D culture and induction of osteogenic differentiation of pre-osteoblasts using wet-collected aligned scaffolds

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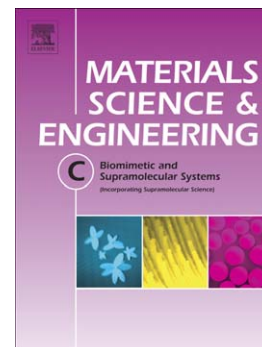
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*Establishment of 3D culture and induction of osteogenic  
differentiation of pre-osteoblasts using wet-collected aligned  
scaffolds*

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Abbreviations:

1. extracellular matrix (ECM)
2. silk fibroin (SF)
3. aligned scaffolds collected by dry process (AD)
4. random scaffolds collected with dry process (RD)
5. aligned scaffolds collected by wet process (AW)
6. random scaffolds collected with wet process (RW)
7. scanning electron microscopy (SEM)
8. Phosphate buffer solution (PBS)
9. Fourier transform infrared spectrum (FTIR)
10. Alkaline phosphatase (ALP)

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