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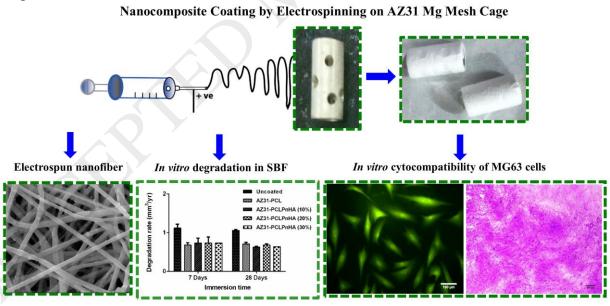


## ACCEPTED MANUSCRIPT

# Nanostructure coated AZ31 magnesium cylindrical mesh cage for potential long bone segmental defect repair - in vitro degradation and cytocompatibility studies

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#### Graphical abstract



#### **Highlights**

• Novel nanostructure coated AZ31 Mg cylindrical mesh cage developed first time

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