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## ACCEPTED MANUSCRIPT

## A Novel approach for the morphology controlled synthesis of rod-shaped nanohydroxyapatite using semi-IPN and IPN as a template

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#### **Graphical abstract**



#### ABSTRACT

Present work offers use of semi-interpenetrating network (semi-IPN) and interpenetrating network (IPN) as the template for the synthesis of nano-hydroxyapatites. Semi-IPN and IPN of agar-

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