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Full Paper**One-pot synthesis of injectable methylcellulose hydrogel containing calcium phosphate nanoparticles**

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Highlights

- Thermo-sensitive methylcellulose hydrogel containing CaP nanoparticles was synthesized by one-pot reaction.
- Precursor salts for CaP nanoparticles accelerate hydrogelation of methylcellulose.
- Injectable methylcellulose hydrogel with CaP nanoparticles has a great potential for bone regeneration.

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