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Title: Alginate hydrogels modified with low molecular weight hyaluronate for cartilage regeneration

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Highlights

- Alginate-hyaluronate hybrid can be synthesized via ethylenediamine linkage.
- Alginate-hyaluronate hybrid forms hydrogels in the presence of calcium ions.
- Alginate-hyaluronate hybrid gels have potential in cartilage regeneration.
- Defined polymer composition and gel stiffness are critical for tissue regeneration.

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