

RESEARCH ARTICLE

Preparation of tunable hollow composite microfibers assisted by microfluidic spinning and its application in the construction of *in vitro* neural models

Supplementary File

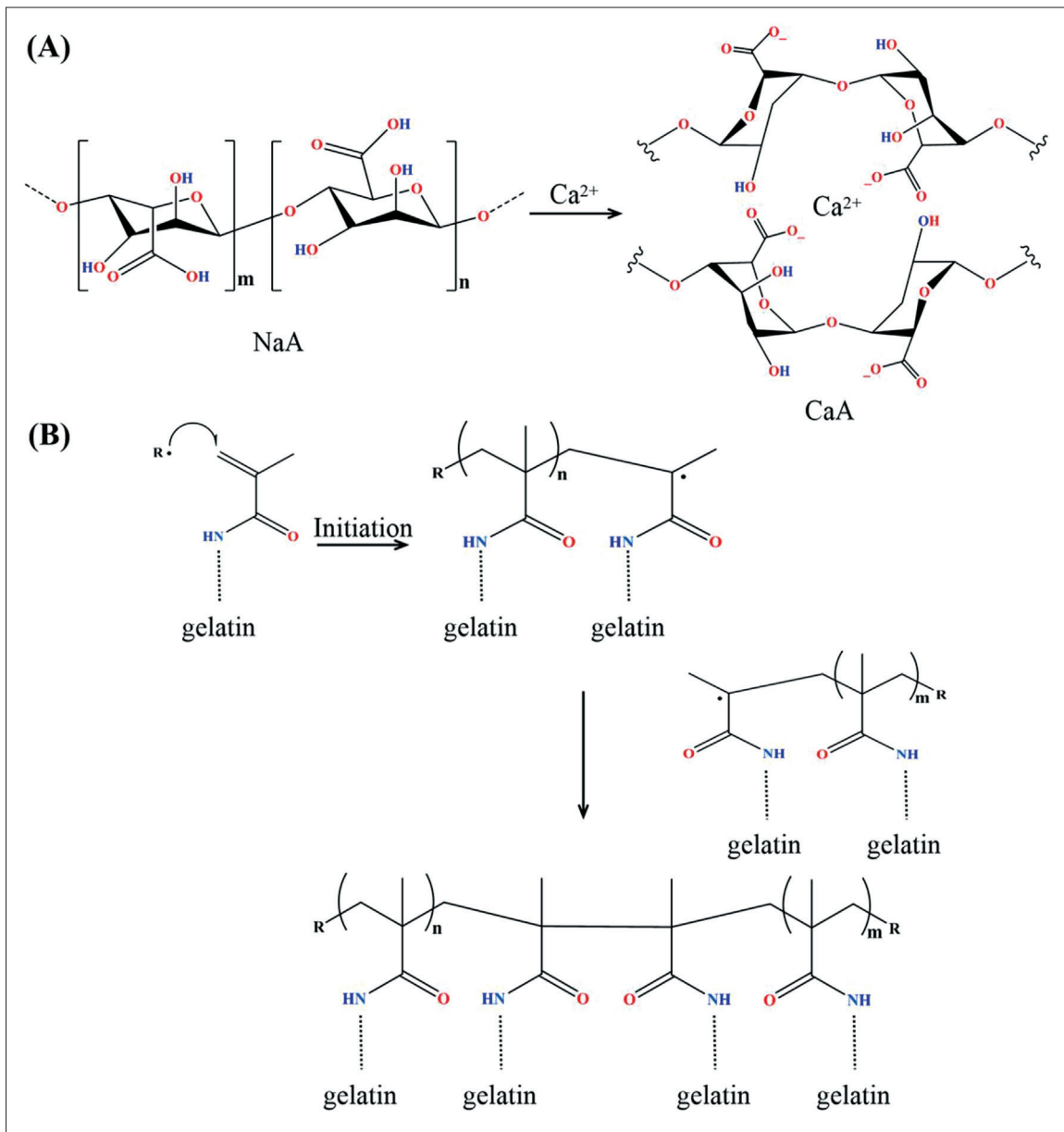


Figure S1. Schematic illustrations of NaA ion crosslinking and GelMA UV crosslinking mechanism. (A) Schematic illustration of the reaction process of NaA and CaCl_2 within the microfibers. (B) Representative photocrosslinking reactions of GelMA during the formation of hydrogel networks.

Other files:

Video S1. A 3D fluorescence video depicting the CaA/GelMA double-lumen microfiber with one kind of inclusion.

Video S2. A 3D fluorescence video depicting the CaA/GelMA double-lumen microfiber with two kinds of inclusions.

Video S3. A 3D fluorescence video depicting the CaA/GelMA triple-lumen microfiber with two kinds of inclusions.

Video S4. A video showing the movement of fluorescent PS microspheres in the hollow microfiber.