

*Supporting information for*

A Novel Synthesis Microfiber with Controllable Size for

Cell Encapsulation and Culture

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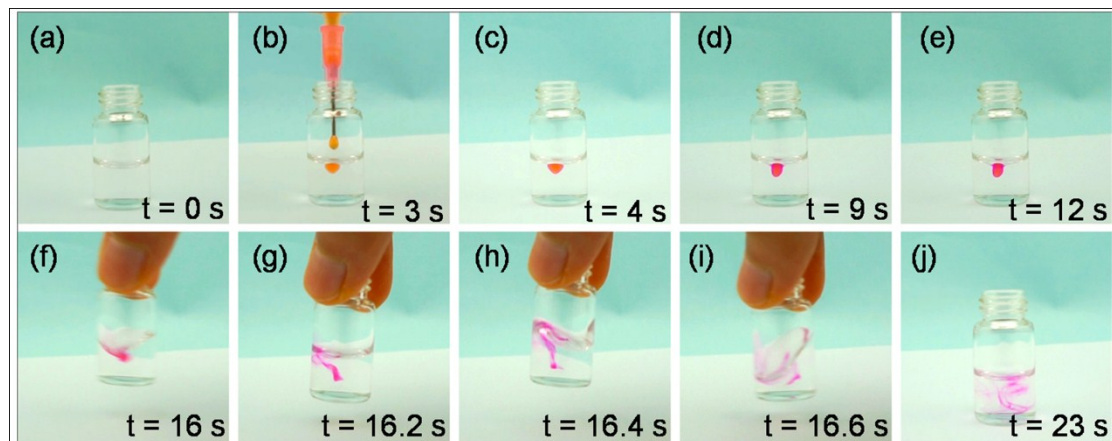
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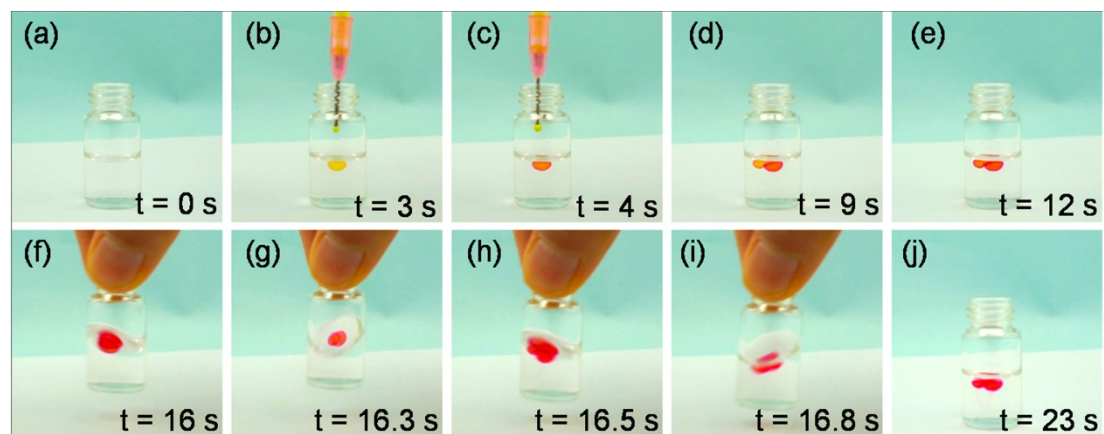
*Supplementary Figures s1-s2*

*Captions for Supplementary Movies s1-s2*

Supplementary Figures s1-s2



**Fig. s1.** The crosslinking process of PEG-4Mal prepolymer in solution without TEA. The drop contains PEG-4Mal polymers and phenol red, and the solution in the bottle consists of DTT and CMC-Na.



**Fig. s2.** The crosslinking process of PEG-4Mal prepolymer in solution with TEA. The drop contains PEG-4Mal polymers and phenol red, and the solution in the bottle consists of DTT, TEA and CMC-Na.

***Captions for Supplementary Movies s1-s2***

**Movie s1.** The crosslinking process of PEG-4Mal prepolymer in solution without TEA.

**Movie s2.** The crosslinking process of PEG-4Mal prepolymer in solution with TEA.