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Nanocomposite hydrogels based on agarose and diphenylalanine

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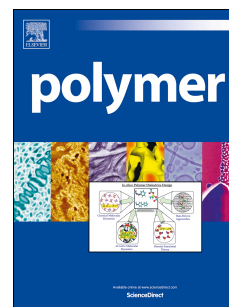
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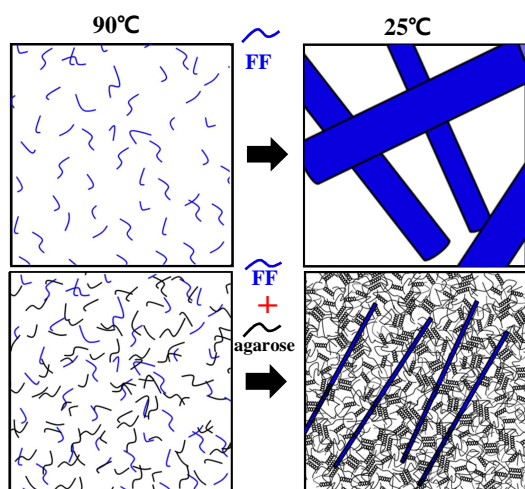
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Graphical abstract



The diphenylalanine (FF) assembly was significantly influenced by the gelling of agarose, which formed relatively thin FF nanowires (microwires form from pure FF solutions) passing through meshes of agarose networks.

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