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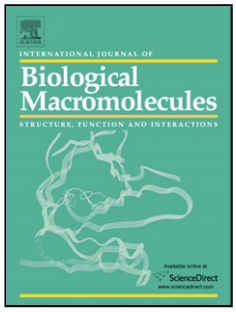

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ACCEPTED MANUSCRIPT

Bacterial polyhydroxybutyrate for electrospun fiber production

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Abstract

Nano- and microfibers obtained by electrospinning have attracted great attention due to its versatility and potential for applications in diverse technological fields. Polyhydroxyalkanoates (PHAs) are biopolymers synthesized by microorganisms such as the bacterium *Burkholderia xenovorans* LB400. In particular, LB400 cells are capable to synthesize poly(3-hydroxybutyrate) (PHB) from glucose.

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