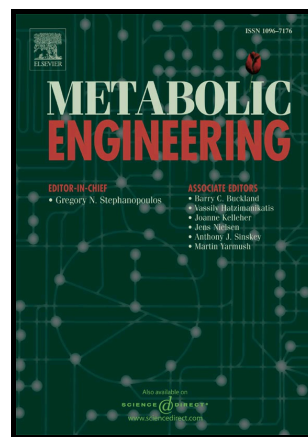


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Co-Production of Microbial Polyhydroxyalkanoates with Other ChemicalsTian Li^{a1}, Dina Elhadi^{a1}, Guo-Qiang Chen^{a,b,c,d}

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Abstract

Engineering microorganisms capable of simultaneously accumulating multiple products are economically attractive for biotechnology. Polyhydroxyalkanoates (PHA) or microbial bioplastics are promising as biodegradable plastics to address environmental concerns resulted from plastic wastes accumulation. Unfortunately, PHA production is still limited and cannot compete with the chemically synthesized plastics due to their high production cost. Efforts have been devoted to reduce PHA production cost by employing PHA co-production with other valuable chemicals. Successful co-productions of PHA have been demonstrated with

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