

Microbial technologies in advanced biofuels production / Patrick C. Hallenbeck, editor

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Abstrak

Concerns over dwindling fossil fuel reserves and impending climate changes have focused attention worldwide on the need to discover alternative, sustainable energy sources and fuels. Biofuels, already produced on a massive industrial scale, are seen as one answer to these problems. However, very real concerns over the effects of biofuel production on food supplies, with some of the recent increases in worldwide food costs attributable to biofuel production, have led to the realization that new, non-food substrates for biofuel production must be sought. This book is an authoritative, comprehensive, up-to-date review of the various options under development for the production of advanced biofuels as alternative energy carriers.