

Production of ethanol and longer chain alcohols by fermentation

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The use of fermentative microorganisms for efficient C_2-C_6 alcohol production from renewable feedstocks has been a subject of intense investigation over recent decades. While the physiology of microorganisms involved in alcohol production from first generation feedstocks is well established, the utilization of microorganisms for the production of second generation bioalcohols from complex biomass, such as lignocellulose, remains challenging. At present, there are no “all in