

Biofuels

From Microbes to Molecules

Edited by: Xuefeng Lu

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x + 248 (plus colour plates) pp

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In this book a panel of international experts reviews the most important hot-topics in this area to provide a timely overview. The production of different biofuel molecules including hydrogen, methane, ethanol, butanol, higher chain alcohols, isoprenoids and fatty acid derivatives, from genetically engineered microbes, is comprehensively covered. Special focus is given to the use of metabolic engineering of microbes, including bacteria, yeast and microalgae, to enhance biofuel production. In addition authors discuss current research progress, technical challenges and future development trends for biofuel production. Essential reading!

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The Cell Biology of Cyanobacteria

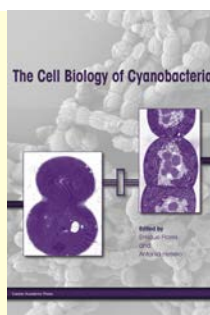
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